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and research of John Greenewald, Jr., creator of:

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National Aeronautics and Space Administration

**Headquarters**  
Washington, DC 20546-0001



December 12, 2016

Reply to Attn. of: Office of Communications

John Greenewald, Jr.

[REDACTED]  
[REDACTED]

Email: john@greenewald.com

REF: 17-HQ-F-00130

Dear Mr. Greenewald:

Thank you for your Freedom of Information Act (FOIA) request dated November 4, 2016, and received in our office on November 7, 2016. Your request was assigned FOIA Case Number 17-HQ-F-00130 and was for:

*A copy of records, electronic or otherwise, of the most recent inventory of software licenses at your Agency.*

The NASA Headquarters program office(s) conducted a search for Agency records, using the above criteria. We have located 1 document, and your request has been granted in full. Attached is the responsive document for your request.

Fees for processing this request were less than \$50 and are not being charged in accordance with 14 CFR § 1206.503(c). If you require further assistance, please contact me at 202-358-2462 or electronically at [hq-foia@nasa.gov](mailto:hq-foia@nasa.gov).

Sincerely,

A handwritten signature in cursive script that reads "Cassi S. Wheeler".

for Josephine Sibley  
Headquarters FOIA Officer

Enclosure

| Publisher \ Product Type   | Agency License Count |
|--|----------------------|
| <b>3D_Evolution</b>  | <b>8</b>             |
| 3D_Evolution Advanced package  | 2                    |
| 3D_Evolution Basic package   | 1                    |
| Advanced Compare Module  | 2                    |
| Geometry Simplification  | 2                    |
| Simplifier Module  | 1                    |
| <b>ActiveRiskManager</b>   | <b>3</b>             |
| Sustainment of ARM Concurrent Full R/O Qty 10 Annual Support   | 1                    |
| Sustainment of ARM Concurrent Full R/W Qty 25 Annual Support   | 1                    |
| Sustainment of ARM Risk Performance Manager "RPM" (up to 50 users) Annual Support                    | 1                    |
| <b>Adobe Connect</b>   | <b>2</b>             |
| Adobe Connect 9 Events Hosted Named Event Manager Hosted   | 1                    |
| Adobe Connect 9 Meeting Hosted Named Host Hosted   | 1                    |
| <b>Adobe Desktop</b>   | <b>26</b>            |
| Adobe Acrobat Professional DC  | 2                    |
| Adobe Acrobat Standard DC  | 1                    |
| Adobe CCE Point  | 11                   |
| Adobe Creative Cloud for Enterprise  | 12                   |
| <b>Adobe Enterprise</b>  | <b>22</b>            |
| Adobe Acrobat Professional DC  | 1                    |
| Adobe Acrobat Standard DC 2015 Windows License 1 User, Level 2 CLP (CLP # Required) 65258474AC02A00  | 1                    |
| Adobe Captivate 9 Multiple Platforms License 1 User Level 2 CLP (CLP # Required) 65264475AC02A00     | 1                    |
| Adobe ColdFusion Builder 2016 License Per User FLP   | 1                    |
| Adobe ColdFusion Enterprise  | 1                    |
| Adobe ColdFusion Enterprise (2 CPUS)<br>Enterprise Term License with Maintenance &<br>Gold Support   | 1                    |
| Adobe ColdFusion Enterprise 11 Platinum Annual Maintenance and Support Subscription Renewal          | 3                    |
| Adobe ColdFusion Enterprise 2016 License 8<br>Cores 1 User Level 2 CLP                               | 1                    |
| Adobe ColdFusion Enterprise 2016 Platinum Annual Maintenance and Support Subscription Renewal        | 2                    |
| Adobe ColdFusion Enterprise 2016 Platinum Annual Maintenance and Support Subscription<br>Renewal     | 2                    |
| Adobe ColdFusion Enterprise 2016 Upgrade   | 1                    |
| Adobe ColdFusion Enterprise 2016 Upgrade License 8 Cores From 2 Versions Back CENT                   | 1                    |
| Adobe ColdFusion Enterprise 2016 Upgrade License From 1 Versions Back CENT 11 Per Set                | 1                    |
| Adobe Experience Manager Forms - OnPremise Term - Per CPU - Renewal                                  | 1                    |
| CCE Point Solutions/Applications: Photoshop Extended   | 1                    |
| Creative Cloud for Enterprise (CCE) - Complete Collection  | 1                    |
| Creative Cloud for Enterprise (CCE) - Design Standard  | 1                    |
| Creative Cloud for Enterprise (CCE) - Production Premium   | 1                    |
| <b>AGI STK</b>   | <b>169</b>           |
| **Dynamic Geometry Library for Java Renewal Annual Support and Upgrades-NU                           | 1                    |
| **Orbit Propagation Models Library for Java Renewal Annual Support and Upgrades-NU                   | 1                    |
| **STK Aviator Aircraft Mission Design Renewal Annual Support and Upgrades                            | 2                    |
| 4DX Renewal Annual Support and Upgrades  | 2                    |
| Orbit Determination Tool Kit - Multiple Satellites   | 1                    |
| Orbit Determination Tool Kit - Multiple Satellites - Renewal Annual Support and Upgrades             | 1                    |
| Orbit Determination Tool Kit - One Concurrent Satellite - Includes OD Simulator - Node Locked Licens | 1                    |
| Orbit Determination Tool Kit Annual Support and Upgrades   | 1                    |
| Orbit Determination Tool Kit Renewal Annual Support and Upgrades                                     | 1                    |
| Orbit Determination Tool Kit Renewal<br>Annual Support and Upgrades                                  | 1                    |
| RT3 Deployment License Annual Support and Upgrades   | 1                    |
| STK Aircraft Mission Modeler - Network Token license   | 1                    |
| STK Aircraft Mission Modeler Renewal Annual Support and Upgrades-D                                   | 1                    |
| STK Aircraft Mission Modeler Renewal Annual Support and Upgrades-NT                                  | 1                    |
| STK Aircraft Mission Modeler Renewal<br>Annual Support and Upgrades                                  | 2                    |
| STK Analysis Workbench - Node Locked license   | 2                    |
| STK Analysis Workbench Annual Support and Upgrades   | 2                    |
| STK Analysis Workbench Renewal Annual Support and Upgrades-NT  | 2                    |

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|---|---|
| STK Analysis Workbench Renewal<br>Annual Support and Upgrades                   | 1 |
| STK Analysis Workbench Renewal<br>Annual Support and Upgrades-NT                | 1 |
| STK Analysis Workbench-NT   | 1 |
| STK Analyzer Renewal Annual Support and Upgrades                                | 2 |
| STK Analyzer Renewal Annual Support and<br>Upgrades                             | 1 |
| STK Analyzer Renewal Annual Support<br>and Upgrades                             | 2 |
| STK App Server Renewal Annual Support and Upgrades                              | 1 |
| STK Astrogator Annual Support and Upgrades                                      | 1 |
| STK Astrogator Module for PC - Node Locked Licens                               | 1 |
| STK Astrogator Renewal Annual Support and Upgrades                              | 7 |
| STK Astrogator Renewal Annual Support and Upgrades-NT                           | 1 |
| STK Astrogator Renewal Annual Support<br>and Upgrades                           | 2 |
| STK Attitude Renewal Annual Support and Upgrades                                | 2 |
| STK Communications - Workgroup Package  | 1 |
| STK Communications Module - Node Locked<br>license                              | 1 |
| STK Communications Module Additional Year<br>of UGA                             | 1 |
| STK Communications Module Annual Support<br>and Upgrades                        | 1 |
| STK Communications Module Renewal Annual Support and Upgrades                   | 5 |
| STK Communications Module Renewal<br>Annual Support and Upgrades                | 3 |
| STK Conjunction Analysis Tool Renewal Annual Support and Upgrades               | 1 |
| STK Conjunction Analysis Tool Renewal Annual Support and Upgrades-NT            | 1 |
| STK Coverage Module - Network Token license                                     | 1 |
| STK Coverage Module - Node Locked license                                       | 1 |
| STK Coverage Module Additional Year of UGA                                      | 1 |
| STK Coverage Module Annual Support and Upgrades                                 | 1 |
| STK Coverage Module Annual Support and<br>Upgrades                              | 1 |
| STK Coverage Module Renewal Annual Support and Upgrades                         | 9 |
| STK Coverage Module Renewal Annual Support and Upgrades-NT                      | 1 |
| STK Coverage Module Renewal Annual<br>Support and Upgrades                      | 4 |
| STK Data Federate Access Renewal Annual<br>Support and Upgrades - Named User    | 1 |
| STK Data Federate Access Renewal<br>Annual Support and Upgrades - Named<br>User | 1 |
| STK Developer Bundle Renewal Annual Support and Upgrades-D                      | 1 |
| STK EOIR - Network Token license  | 1 |
| STK EOIR Annual Support and Upgrades-NT   | 1 |
| STK Expert Bundle Renewal Annual Support and Upgrades                           | 1 |
| STK Integration - Node Locked license   | 1 |
| STK Integration - Workgroup Package   | 1 |
| STK Integration Annual Support and Upgrades                                     | 1 |
| STK Integration Renewal Annual Support and Upgrades                             | 8 |
| STK Integration Renewal Annual Support and Upgrades-D                           | 1 |
| STK Integration Renewal Annual Support and Upgrades-NT                          | 8 |
| STK Integration Renewal Annual Support and<br>Upgrades                          | 1 |
| STK Integration Renewal Annual Support<br>and Upgrades                          | 2 |
| STK Missile Modeling Tools Renewal<br>Annual Support and Upgrades (ITAR)        | 1 |
| STK Parallel Computing Extension -<br>Workstation Option                        | 1 |

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|--|-----------|
| STK Parallel Computing Extension -<br>Workstation Option Additional Year of UGA  | 1         |
| STK Parallel Computing Extension -<br>Workstation Option Annual Support and<br>Upgrades  | 1         |
| STK Precision Orbit Determination System Renewal Annual Support and Upgrades   | 2         |
| STK Pro - Network Token license  | 1         |
| STK Pro - Node Locked license  | 2         |
| STK Pro - Workgroup Package  | 1         |
| STK Pro Additional Year of UGA   | 1         |
| STK Pro Annual Support and Upgrades  | 2         |
| STK Pro Annual Support and Upgrades-NT   | 1         |
| STK Pro Renewal Annual Support and Upgrades  | 1         |
| STK Pro Renewal Annual Support and Upgrades-NT   | 3         |
| STK Professional Edition Bundle  | 3         |
| STK Professional Edition Bundle (including STK Pro, STK SatPro and STK Analysis Workbench in version 10) Renewal<br>Annual Support and Upgrades    | 2         |
| STK Professional Edition Bundle (including STK Pro, STK SatPro and STK Analysis Workbench in version 10) Renewal<br>Annual Support and Upgrades-NT | 1         |
| STK Professional Edition Bundle Renewal Annual Support and Upgrades  | 6         |
| STK Professional Edition Bundle Renewal Annual Support and Upgrades-D  | 2         |
| STK Professional Edition Bundle Renewal Annual Support and Upgrades-NT   | 5         |
| STK Radar Module Renewal Annual<br>Support and Upgrades  | 2         |
| STK SatPro - Node Locked license   | 1         |
| STK SatPro Annual Support and Upgrades   | 1         |
| STK SatPro Renewal Annual Support and Upgrades-NT  | 2         |
| STK SatPro Renewal Annual Support and<br>Upgrades  | 1         |
| STK SatPro Renewal Annual Support and<br>Upgrades-NT   | 1         |
| STK SatPro-NT  | 1         |
| STK SOLIS Renewal Annual Support and Upgrades-NT (ITAR)  | 1         |
| STK Space Environment and Effects Tool Renewal Annual Support and Upgrades-NT  | 1         |
| STK Space Environment and Effects Tool<br>Renewal Annual Support and Upgrades  | 1         |
| STK Terrain, Imagery & Maps Renewal Annual Support and Upgrades  | 3         |
| STK Terrain, Imagery & Maps Renewal Annual Support and Upgrades-D  | 1         |
| STK Terrain, Imagery & Maps Renewal Annual Support and Upgrades-NT   | 4         |
| STK Terrain, Imagery & Maps Renewal<br>Annual Support and Upgrades   | 3         |
| <b>Altair</b>  | <b>1</b>  |
| HyperWorks Annual Network License  | 1         |
| <b>Altium</b>  | <b>39</b> |
| Altium Designer  | 30        |
| Altium Designer SE   | 4         |
| Altium Subscription  | 5         |
| <b>Alvarez</b>   | <b>1</b>  |
| Sales Cloud Government Enterprise Edition Salesforce.com, Inc  | 1         |
| <b>ANSA/META</b>   | <b>1</b>  |
| ANSA/META local Network License, ver. 16.2.0 maintenance service & support, software & documentation revisions and<br>updates. Annual-license Fee  | 1         |
| <b>Aquaveo</b>   | <b>6</b>  |
| 1-License Network Hardware Lock  | 1         |
| SMS v12.1 ADCIRC Interface Only  | 1         |
| SMS v12.1 ADCIRC MODEL Only  | 1         |
| SMS v12.1 Basic Package (Map/GIS/Annotations+Mesh+Grid+Scatter)  | 1         |
| SMS v12.1 CMS FLOW Model & Interface   | 1         |
| SMS v12.1 GENCADE Model & Interface  | 1         |
| <b>Arrow</b>   | <b>4</b>  |
| Arrow 6 network license  | 1         |
| Arrow GSC SUM, renewal (LN: 0660G-11471 8/15/2016 - 8/14/2017)   | 1         |
| Arrow SUM, renewal (LN: 0660-11135 8/15/2016 - 8/14/2017)  | 1         |
| Federal Express  | 1         |

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| <b>ATA</b>  | <b>1</b>   |
| ATA-E ATA Suite tokens  | 1          |
| <b>Atlassian</b>  | <b>31</b>  |
| Advanced Tables for Confluence for Confluence (Server) 10000 Users: Commercial License Upgrade to 10,000 users          | 1          |
| Bamboo (Server) 10 Remote Agents  | 1          |
| Bamboo (Server) 5 Remote Agents   | 1          |
| Cache for Confluence for Confluence (Server) Unlimited Users: Commercial License Renewal                                | 1          |
| Clover 10 Machines  | 1          |
| Comala Canvas for Confluence (Server) 10000 Users: Commercial License Upgrade to 10,000 users                           | 1          |
| Comala Workflows for Confluence (Server) 10000 Users: Commercial License Upgrade to 10,000 users                        | 1          |
| Composition for Confluence (Server) 10000 Users: Commercial License   | 1          |
| Confluence (Server)   | 1          |
| Confluence (Server) 10000 Users: Commercial License Upgrade to 10,000 users   | 1          |
| Confluence (Server) 500 Users   | 1          |
| Crucible (Server)   | 1          |
| Excel for Confluence for Confluence (Server) 10000 Users: Commercial License Upgrade to 10,000 users                    | 1          |
| FishEye (Server)  | 1          |
| FishEye (Server) 100 Users: Commercial License  | 1          |
| Glify Diagrams for Confluence for Confluence (Server)   | 1          |
| Glify Diagrams for Confluence for Confluence (Server) 10000 Users: Commercial License Upgrade to 10,000 users           | 1          |
| Graphviz Diagrams for Confluence for Confluence (Server) 10000 Users: Commercial License Upgrade to 10,000 users        | 1          |
| HTML for Confluence for Confluence (Server) 10000 Users: Commercial License Upgrade to 10,000 users                     | 1          |
| JIRA Software (Server)  | 1          |
| JIRA Software (Server) 500 Users  | 1          |
| Macro Security for Confluence for Confluence (Server) 10000 Users: Commercial License Upgrade to 10,000 users           | 1          |
| Refined Theme for Confluence for Confluence (Server) 10000 Users: Commercial License Upgrade to 10,000 users            | 1          |
| Reporting for Confluence (Server) 10000 Users: Commercial License   | 1          |
| Risk Management for Jira for JIRA (Server)  | 1          |
| Run CLI Actions in Confluence for Confluence (Server) 10000 Users: Commercial License Upgrade to 10,000 users           | 1          |
| Run Self-Service Reports for Confluence for Confluence (Server) 10000 Users: Commercial License Upgrade to 10,000 users | 1          |
| Scaffolding for Confluence (Server) 10000 Users: Commercial License   | 1          |
| SQL for Confluence (Pro Edition) for Confluence (Server) 10000 Users: Commercial License Upgrade to 10,000 users        | 1          |
| Team Calendars for Confluence (Server) 10000 Users: Commercial License Upgrade to 10,000 users                          | 1          |
| User Profiles for Confluence for Confluence (Server) 10000 Users: Commercial License Upgrade to 10,000 users            | 1          |
| <b>Autodesk</b>   | <b>144</b> |
| Autodesk 3ds Max 2016 Government Subscription Renewal   | 1          |
| Autodesk 3ds Max 2016 Government Subscription Renewal - 1 year  | 4          |
| Autodesk 3ds Max Entertainment Creation Suite Standard 2016 Government Subscription Renewal                             | 2          |
| Autodesk AutoCAD 2016 Government Subscription - 1 Year  | 1          |
| Autodesk AutoCAD 2016 Government Subscription and Advanced Support Renewal  | 1          |
| Autodesk AutoCAD 2016 Government Subscription and Advanced Support Renewal - 1 Year                                     | 3          |
| Autodesk AutoCAD 2016 Government Subscription Renewal - 1 Year  | 12         |
| Autodesk AutoCAD Civil 3D 2016 Government Subscription Renewal - 1 Year   | 1          |
| Autodesk AutoCAD Design Suite Standard 2016 Government Subscription Renewal - 1 year                                    | 1          |
| Autodesk AutoCAD Electrical 2016 Government Standalone License ELD  | 1          |
| Autodesk AutoCAD Electrical 2016 Government Subscription - 1 year   | 1          |
| Autodesk AutoCAD Electrical 2016 Government Subscription Renewal - 1 Year   | 2          |
| Autodesk AutoCAD Electrical 2016 Government Subscription with Advanced Support Renewal - 1 Year                         | 1          |
| Autodesk AutoCAD LT 2016 Government Standalone License ELD  | 1          |
| Autodesk AutoCAD LT 2016 Government Subscription  | 1          |
| Autodesk AutoCAD LT 2016 Government Subscription Renewal - 1 year   | 8          |
| Autodesk AutoCAD LT 2016 Government Subscription with Advanced Support Renewal - 1 year                                 | 1          |
| Autodesk AutoCAD LT 2017 Government New   | 1          |
| Autodesk AutoCAD Mechanical 2016 Government Crossgrade from AutoCAD Current Version ELD                                 | 2          |
| Autodesk AutoCAD Mechanical 2016 Government Network License Bump  | 1          |

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| Autodesk AutoCAD Mechanical 2016 Government Subscription - 1 year   | 1        |
| Autodesk AutoCAD Mechanical 2016 Government Subscription Renewal - 1 year   | 2        |
| Autodesk AutoCAD Raster Design 2016 Government Subscription Renewal - 1 year  | 2        |
| Autodesk AutoCAD Raster Design 2016 Government Subscription with Advanced Support Renewal   | 1        |
| Autodesk Building Design Suite Premium 2016 Government Crossgrade from Current Version ELD  | 1        |
| Autodesk Building Design Suite Premium 2016 Government Subscription Renewal - 1 Year  | 1        |
| Autodesk Building Design Suite Premium 2016 Government Subscription Renewal - 1 Year  | 7        |
| Autodesk Building Design Suite Premium 2016 Government Subscription with Advanced Support Renewal   | 2        |
| Autodesk Building Design Suite Standard 2016 Government Subscription Renewal - 1 Year   | 2        |
| Autodesk Building Design Suite Ultimate 2016 Government Subscription with Advanced Support Renewal  | 1        |
| Autodesk CFD Advanced 2016 Government Subscription with Advanced Support Renewal  | 1        |
| Autodesk CFD Advanced 2016 Government Subscription with Advanced Support Renewal - 1 year   | 3        |
| Autodesk CFD Connection for Parasolid 2016 Government Subscription with Advanced Support Renewal  | 1        |
| Autodesk CFD Connection for Pro/ENGINEER 2016 Government Subscription with Advanced Support Renewal   | 2        |
| Autodesk CFD Connection for Pro/ENGINEER 2016 Government with Advanced Support Renewal - 1 year   | 1        |
| Autodesk CFD Design Study Environment 2016 Government Subscription with Advanced Support Renewal  | 5        |
| Autodesk CFD Design Study Environment 2016 Government Subscription with Advanced Support Renewal - 1 year. CFD Connection for Pro/ENGINEER is now available directly within Autodesk CFD Design Study Environment | 1        |
| Autodesk CFD Motion 2016 Government Subscription with Advanced Support Renewal  | 1        |
| Autodesk CFD Motion 2016 Government Subscription with Advanced Support Renewal - 1 year   | 2        |
| Autodesk Entertainment Creation Suite Ultimate 2016 Government Subscription with Advanced Supp Renew  | 1        |
| Autodesk Entertainment Creation Suite Ultimate 2016 Government Subscription with Advanced Support Re  | 1        |
| Autodesk Helius PFA 2016 Government Network License   | 1        |
| Autodesk Helius PFA 2016 Government Subscription  | 1        |
| Autodesk Infrastructure Design Suite Premium 2016 Government Subscription Renewal - 1 Year  | 4        |
| Autodesk Infrastructure Design Suite Premium 2016 Government Subscription with Advanced Support Rene  | 1        |
| Autodesk Infrastructure Design Suite Standard 2016 Government Subscription Renewal - 1 Year   | 1        |
| Autodesk Infrastructure Design Suite Map Server 2016 Government Subscription Renewal - 1 Year   | 1        |
| Autodesk Inventor LT 2016 Government Standalone License ELD   | 1        |
| Autodesk Inventor LT 2016 Government Subscription - 1 year  | 1        |
| Autodesk Maya 2016 Government Standalone License ELD Perpetual License  | 1        |
| Autodesk Maya 2016 Government Subscription  | 1        |
| Autodesk Maya 2016 Government Subscription Renewal - 1 year   | 6        |
| Autodesk Maya Entertainment Creation Suite Standard 2016 Government Subscription Renewal - 1 year   | 1        |
| Autodesk Maya with Softimage 2016 Government Subscription with Advanced Support Renewal - 1 year  | 2        |
| Autodesk Mudbox 2016 Government Subscription Renewal - 1 year   | 1        |
| Autodesk Navisworks Manage 2016 Government Subscription Renewal - 1 Year  | 1        |
| Autodesk Plant Design Suite Ultimate 2016 Government Subscription with Advanced Support Renewal   | 1        |
| Autodesk Product Design Suite Premium 2016 Government Standalone License ELD  | 1        |
| Autodesk Product Design Suite Premium 2016 Government Subscription  | 1        |
| Autodesk Product Design Suite Premium 2016 Government Subscription Renewal - 1 Year   | 9        |
| Autodesk Product Design Suite Ultimate 2016 Government Subscription Renewal   | 1        |
| Autodesk Product Design Suite Ultimate 2016 Government Subscription Renewal - 1 year  | 4        |
| Autodesk Product Design Suite Ultimate 2016 Government Subscription with Advanced Support Renewal   | 7        |
| Autodesk Simulation Mechanical 2016 Government Network License ELD Perpetual License  | 1        |
| Autodesk Simulation Mechanical 2016 Government Subscription   | 1        |
| Autodesk Simulation Mechanical 2016 Government Subscription Renewal - 1 year  | 2        |
| Autodesk Simulation Mechanical 2016 Government Subscription with Advanced Support Renewal   | 1        |
| Autodesk Simulation Mechanical 2016 Government Subscription with Advanced Support Renewal - 1 year  | 1        |
| Autodesk Vault Professional 2016 Government Subscription Renewal - 1 Year   | 2        |
| mental ray Standalone 2016 Government Subscription with Advanced Support Renewal - 1 year   | 2        |
| <b>Axiom</b>  | <b>2</b> |
| AXIOM Complete  | 1        |
| SMS AXIOM Complete  | 1        |
| <b>Bentley</b>  | <b>1</b> |

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| ACCUREV MAINTENANCE CONTRACTS AS LISTED   | 1          |
| <b>BMC FootPrints</b>   | <b>4</b>   |
| BMC FootPrints Service Core 5 Named User Software Package                                 | 1          |
| BMC FootPrints Service Core Additional Named User Agents                                  | 1          |
| BMC FootPrints Service Core Change Management   | 1          |
| BMC FootPrints Service Core Dynamic Address Book Link /LD AP                              | 1          |
| <b>C&amp;R</b>  | <b>100</b> |
| adding x1FloCAD Network license (Basic 3FC)   | 1          |
| Basic 3 FC - Network  | 1          |
| Basic 3 TD - Network  | 1          |
| Basic 3FC - Fixed   | 1          |
| CR Tech SpaceClaim - Floating Subscription Service  | 1          |
| CRTech Space Claim Floating Perpetual License   | 1          |
| CRTech SpaceClaim - Floating Perpetual License  | 4          |
| CRTech SpaceClaim - Floating Subscription Service   | 3          |
| CRTech SpaceClaim-Floating Perpetual License  | 1          |
| Data Exchange Package I   | 1          |
| Data Exchange Package I - Subscription Service  | 4          |
| Data Exchange Package II - Subscription Service   | 3          |
| Maintenance for Basic 1 SF - Network  | 2          |
| Maintenance for Basic 2 Sps - Fixed   | 1          |
| Maintenance for Basic 2 Sps - Network   | 2          |
| Maintenance for Basic 3 FC - Fixed  | 2          |
| Maintenance for Basic 3 FC - Network  | 3          |
| Maintenance for Basic 3 TD - Network  | 4          |
| Maintenance for Basic 4 RC FC - Network   | 1          |
| Maintenance for Basic 4 TD FC - Network   | 1          |
| Maintenance for Basic 4 TD RC - Network   | 2          |
| Maintenance for Built-in AutoCAD Fixed  | 4          |
| Maintenance for Built-in AutoCAD Network  | 4          |
| Maintenance for Built-in CAD - Fixed  | 1          |
| Maintenance for Built-in CAD Fixed  | 1          |
| Maintenance for Built-in CAD Network  | 3          |
| Maintenance for Built-in CAD Network License  | 1          |
| Maintenance for Combo 1 SF Sps - Fixed  | 2          |
| Maintenance for Combo 3 SF TD RC - Fixed  | 3          |
| Maintenance for Combo 3 SF TD RC - Network  | 12         |
| Maintenance for Combo 3 SF TK RC - Fixed  | 1          |
| Maintenance for Combo 4 SF TD RC FC - Fixed   | 6          |
| Maintenance for Combo 4 SF TD RC FC - Network   | 4          |
| Maintenance for Combo 4 SF TD RC FC- Fixed - User   | 1          |
| Maintenance for Combo 4 SF TD RC FC- Network  | 3          |
| Maintenance for Complete SF Sps TD RC FC - Fixed  | 1          |
| Maintenance for Complete SF Sps TD RC FC - Networ   | 1          |
| Maintenance for Complete SF Sps TD RC FC - Network  | 2          |
| TD Direct - Fixed Subscription Service (Annual maintenance and support renewal for SCMES  | 1          |
| TD Direct - Floating Perpetual License  | 1          |
| TD Direct - Floating Subscription Service   | 2          |
| TD Direct - Floating Subscription Service (Annual maintenance and support renewal for SCM | 4          |
| Year 4 Maint  | 1          |
| <b>Cameo</b>  | <b>33</b>  |
| Cameo Business Modeler Plugin Software Assurance for Floating License                     | 1          |
| Cameo Collaborator 18.0 LTR, 10 Connections   | 1          |
| Cameo Collaborator 18.0 LTR, 5 Connections  | 2          |
| Cameo DataHub Plugin Software Assurance for Floating License                              | 3          |
| Cameo DataHub Software Assurance for Floating License                                     | 1          |
| Cameo Requirements Modeler Plugin 18.3 FR Floating License                                | 2          |
| Cameo Requirements Modeler Plugin Software Assurance for Floating License                 | 7          |
| Cameo Simulation Toolkit Plugin 18.3 FR Floating License                                  | 2          |
| Cameo Simulation Toolkit Plugin Software Assurance for Floating License                   | 8          |
| Merge Plugin 18.3 FR Floating License   | 1          |
| Merge Plugin Software Assurance for Floating License                                      | 1          |
| Software Assurance for Cameo Collaborator   | 1          |
| Software Assurance for Cameo Collaborator, 10 Connections                                 | 1          |



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|---|------------|
| Software Assurance for Cameo Collaborator, 5 Connections  | 2          |
| <b>Cequel</b>   | <b>1</b>   |
| Cequel®: Chemical Equilibrium in Excel Software Maintenance and Support for 1 year (through May 1, 2017)  | 1          |
| <b>CFD Research</b>   | <b>2</b>   |
| 16 Processor Parallel upgrade   | 1          |
| Annual Lease of CFD-ACE+ including CFD-GEOM, CFDVIEW, Multi-physics and Stress Modules  | 1          |
| <b>Cobra-EHL</b>  | <b>1</b>   |
| COBRA-EHL Executable Code on CD ROM + USB Security Key Lock + Users Guide & Samples   | 1          |
| <b>CompuDAS</b>   | <b>1</b>   |
| Software modifications with all installation and testing performed remotely with NASA assistance  | 1          |
| <b>COMSOL Multiphysics</b>  | <b>182</b> |
| AC/DC Module  | 8          |
| AC/DC Module for use with COMSOL Multiphysics   | 3          |
| AC/DC Module for use with COMSOL Multiphysics, COMSOL Server License (CSL) for one (1) concurrent user. This license allows worldwide usage.              | 1          |
| AC/DC Module, Floating Network License (FNL) for one (1) concurrent user, License No. 2081848, 12 months subscription                                     | 1          |
| AC/DC Module, Single User CPU-locked License (CPU), for one (1) computer, License No. 3073279, 5 months subscription: 05/01/2017 through 09/30/2017.      | 1          |
| Acoustics Module  | 5          |
| Acoustics Module for use with COMSOL Multiphysics, COMSOL Server License (CSL) for one (1) concurrent user. This license allows worldwide usage.          | 1          |
| Acoustics Module, Floating Network License (FNL) for one (1) concurrent user, License No. 2081848, 12 months subscription                                 | 1          |
| Acoustics Module, Single User CPU-locked License (CPU), for one (1) computer, License No. 3073279, 5 months subscription: 05/01/2017 through 09/30/2017.  | 1          |
| Batteries & Fuel Cells Module   | 1          |
| CAD Import Module   | 9          |
| CAD Import Module for use with COMSOL Multiphysics  | 2          |
| CAD Import Module for use with COMSOL Multiphysics, COMSOL Server License (CSL) for one (1) concurrent user. This license allows worldwide usage.         | 1          |
| CAD Import Module, Floating Network License (FNL) for one (1) concurrent user, License No. 2081848, 12 months subscription                                | 1          |
| CAD Import Module, Named Single User License (NSL), for one (1) named user, License No. 1027575, 12 months subscription                                   | 1          |
| CAD Import Module, Single User CPU-locked License (CPU), for one (1) computer, License No. 3073279, 5 months subscription: 05/01/2017 through 09/30/2017. | 1          |
| CFD Module  | 1          |
| CFD Module for use with COMSOL Multiphysics   | 3          |
| CFD Module for use with COMSOL Multiphysics, COMSOL Server License (CSL) for one (1) concurrent user. This license allows worldwide usage.                | 1          |
| CFD Module, Floating Network License (FNL) for one (1) concurrent user, License No. 2081848, 12 months subscription                                       | 1          |
| CFD Module, Named Single User License (NSL), for one (1) Named user, License No. 1027575, 12 months subscription  | 1          |
| CFD Module, Named Single User License (NSL), for one (1) Named user, License No. 1033550, 12 months subscription  | 1          |
| CFD Module, Single User CPU-locked License (CPU), for one (1) computer. This is an addition to License No. 3073279.                                       | 1          |
| Chemical Reaction Engineering Module  | 1          |
| Chemical Reaction Engineering Module, Floating Network License (FNL) for one (1) concurrent user, License No. 2081848, 12 months subscription             | 1          |
| COMSOL Multiphysics   | 27         |
| COMSOL Multiphysics, COMSOL Server License (CSL) for one (1) concurrent user. This license allows worldwide usage.  | 1          |
| COMSOL Multiphysics, Floating Network License (FNL) for one (1) concurrent user, License No. 2081848, 12 months subscription                              | 1          |
| COMSOL Multiphysics, Named Single User License (NSL), for one (1) named user, License No. 1021761, 12 months subscription                                 | 1          |
| COMSOL Multiphysics, Named Single User License (NSL), for one (1) named user, License No. 1027575, 12 months subscription                                 | 1          |
| COMSOL Multiphysics, Named Single User License (NSL), for one (1) named user, License No. 1033550, 12 months subscription                                 | 1          |

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| COMSOL Multiphysics, Single User CPU-locked License (CPU), for one (1) computer, License No. 3073279, 5 months subscription: 05/01/2017 through 09/30/2017. | 1  |
| ECAD Import Module  | 3  |
| ECAD Import Module, Floating Network License (FNL) for one (1) concurrent user, License No. 2081848, 12 months subscription                                 | 1  |
| Heat Transfer Module  | 10 |
| Heat Transfer Module for use with COMSOL Multiphysics   | 3  |
| Heat Transfer Module for use with COMSOL Multiphysics, COMSOL Server License (CSL) for one (1) concurrent user. This license allows worldwide usage.        | 1  |
| Heat Transfer Module, Floating Network License (FNL) for one (1) concurrent user, License No. 2081848, 12 months subscription                               | 1  |
| Heat Transfer Module, Named Single User License (NSL), for one (1) named user, License No. 1021761, 12 months subscription                                  | 1  |
| Heat Transfer Module, Single User CPU-locked License (CPU), for one (1) computer. This is an addition to License No. 3073279.                               | 1  |
| LiveLink for Excel  | 5  |
| LiveLink for MATLAB   | 11 |
| LiveLink for MATLAB for use with COMSOL Multiphysics  | 3  |
| LiveLink for MATLAB, Floating Network License (FNL) for one (1) concurrent user, License No. 2081848, 12 months subscription                                | 1  |
| LiveLink for MATLAB, Named Single User License (NSL), for one (1) named user, License No. 1021761, 12 months subscription                                   | 1  |
| LiveLink for MATLAB, Named Single User License (NSL), for one (1) named user, License No. 1027575, 12 months subscription                                   | 1  |
| LiveLink for MATLAB, Named Single User License (NSL), for one (1) named user, License No. 1033550, 12 months subscription                                   | 1  |
| LiveLink for PTC Creo Parametric  | 1  |
| LiveLink for PTC Creo Parametric for use with COMSOL Multiphysics   | 1  |
| LiveLink for PTC Creo Parametric, Floating Network License (FNL) for one (1) concurrent user, License No. 2081848, 12 months subscription                   | 1  |
| LiveLink for PTC Pro/ENGINEER   | 1  |
| LiveLink for Solid Edge   | 1  |
| LiveLink for SOLIDWORKS for use with COMSOL Multiphysics  | 2  |
| LiveLink for SOLIDWORKS, Floating Network License (FNL) for one (1) concurrent user, License No. 2081848, 12 months subscription                            | 1  |
| Material Library  | 2  |
| MEMS Module   | 5  |
| MEMS Module for use with COMSOL Multiphysics, COMSOL Server License (CSL) for one (1) concurrent user. This license allows worldwide usage.                 | 1  |
| MEMS Module, Single User CPU-locked License (CPU), for one (1) computer, License No. 3073279, 5 months subscription: 05/01/2017 through 09/30/2017.         | 1  |
| Microfluidics Module  | 1  |
| Multibody Dynamics Module   | 4  |
| Multibody Dynamics Module, Named Single User License (NSL), for one (1) named user, License No. 1027575, 12 months subscription                             | 1  |
| Nonlinear Structural Materials Module   | 3  |
| Nonlinear Structural Materials Module, Named Single User License (NSL), for one (1) named user, License No. 1021761, 12 months subscription                 | 1  |
| Nonlinear Structural Materials Module, Named Single User License (NSL), for one (1) named user, License No. 1027575, 12 months subscription                 | 1  |
| Optimization Module for use with COMSOL Multiphysics, COMSOL Server License (CSL) for one (1) concurrent user. This license allows worldwide usage.         | 1  |
| Optimization Module, Single User CPU-locked License (CPU), for one (1) computer. This is an addition to License No. 3073279.                                | 1  |
| Particle Tracing Module   | 1  |
| Particle Tracing Module, Floating Network License (FNL) for one (1) concurrent user, License No. 2081848, 12 months subscription                            | 1  |
| Particle Tracing Module, Named Single User License (NSL), for one (1) named user, License No. 1027575, 12 months subscription                               | 1  |
| Pipe Flow Module  | 1  |
| Plasma Module, Floating Network License (FNL) for one (1) concurrent user. This is an addition to License No. 1070964.                                      | 1  |
| Ray Optics Module, Floating Network License (FNL) for one (1) concurrent user, License No. 2081848, 12 months subscription                                  | 1  |

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| RF Module   | 4         |
| RF Module, Named Single User License (NSL), for one (1) Named User, License No. 1033550, 12 months subscription   | 1         |
| Structural Mechanics Module   | 9         |
| Structural Mechanics Module for use with COMSOL Multiphysics, COMSOL Server License (CSL) for one (1) concurrent user. This license allows worldwide usage. | 1         |
| Structural Mechanics Module, Floating Network License (FNL) for one (1) concurrent user, License No. 2081848, 12 months subscription                        | 1         |
| Structural Mechanics Module, Named Single User License (NSL), for one (1) named user, License No. 1021761, 12 months subscription                           | 1         |
| Structural Mechanics Module, Named Single User License (NSL), for one (1) named user, License No. 1027575, 12 months subscription                           | 1         |
| Structural Mechanics Module, Single User CPU-locked License (CPU), for one (1) computer. This is an addition to License No. 3073279.                        | 1         |
| Wave Optics Module  | 1         |
| <b>Cradle</b>   | <b>16</b> |
| API Connection  | 1         |
| Audit Generator   | 1         |
| Dashboard   | 1         |
| Document Generation   | 1         |
| Management  | 1         |
| Metrics Requirements  | 1         |
| PDM   | 1         |
| Performance Modeling  | 1         |
| RO Connection   | 1         |
| RW  | 1         |
| Software Engineering  | 1         |
| SSE 1 data conversion (NASA) SSE-1-DC   | 2         |
| System Modeling   | 1         |
| Web Access  | 1         |
| Web Publishing  | 1         |
| <b>Creo</b>   | <b>2</b>  |
| Maintenance, GD&T Advisor - BASE (ASME 1994) for Creo, Float  | 1         |
| <b>cyberFEDS</b>  | <b>99</b> |
| cyberFEDS   | 99        |
| <b>Datalight</b>  | <b>2</b>  |
| FlashFX Technical Support and Maintenance Renewal   | 1         |
| Reliance Technical Support and Maintenance Renewal  | 1         |
| <b>DEWESoft</b>   | <b>2</b>  |
| Complete telemetry processing software package with the flowing available options   | 1         |
| USB Dongle  | 1         |
| <b>Diffraction International</b>  | <b>3</b>  |
| Dell Desktop Computer with Durango Software and Hardware Fully Installed, Configured and Calibrated   | 1         |
| Durango Hardware Key (commercial license), for USB port.  | 1         |
| NI Vision Acquisition Software  | 1         |
| <b>DocuBrain TechDoc</b>  | <b>8</b>  |
| DocuBrain System Engineer, Hourly, Billed Monthly   | 1         |
| DocuBrain System Engineer, Hourly, Billed Monthly, see attached SOW for details   | 1         |
| DocuBrain/TechDoc 1 Year Basic Term License with Basic Maintenance and Support, Billed Annually   | 1         |
| DocuBrain/TechDoc 1 Year Enterprise Term License with Enterprise Maintenance and Support, Billed Annually   | 2         |
| DocuBrain/TechDoc 1 Year Enterprise Term License with Enterprise Maintenance and0 Support, Billed Annually  | 1         |
| DocuBrain/TechDoc 1 Year Standard Term License with Standard Maintenance and Support  | 1         |
| DocuBrain/TechDoc 1 Year Standard Term License with Standard Maintenance and Support, Billed Annually   | 1         |
| <b>efX-DR/efX-CT</b>  | <b>1</b>  |
| 1 Year Combined efX-DR / efX-CT FULL Software Maintenance Agreement   | 1         |
| <b>EMC</b>  | <b>47</b> |
| ADVANCED DOCUMENT TRANSFORMATION SERVICE  | 1         |

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| BACKUP AND RECOVERY MANAGER - NETWORKER  | 4         |
| CONTENT SERVER ST  | 1         |
| DOCUMENTUM ADMINISTRATOR ST  | 1         |
| Documentum Platform 1-50=UA  | 1         |
| DOCUMENTUM THUMBNAIL SERVER  | 1         |
| DOCUMENTUM WEBTOP  | 1         |
| Documentum xCP User 501-1250=UA  | 1         |
| EMC DCTM WebTop 51-200=UA  | 2         |
| EMC Maintenance Renewal Core. Product Federal Basic Software 1 Year. FIXED PRICE FOR PREVIOUS 14 LINE ITEMS  | 1         |
| EMC Maintenance Renewal Core. Product Federal Basic Software 1 Year. FIXED PRICE FOR PREVIOUS 2 LINE ITEMS   | 2         |
| First Year Maintenance - Enhanced Open Software Support  | 1         |
| NETWORKER SERVER NETWORK EDITION UNIX  | 1         |
| NETWORKER AGENT DATA DEDUPLICATION   | 1         |
| NETWORKER CLIENT CONNECTIONS QTY 25  | 3         |
| NETWORKER CLIENT CONNECTIONS QTY 5   | 2         |
| Networker Client Qty 25  | 1         |
| NETWORKER CLIENT QTY 5   | 4         |
| NETWORKER DISKBACKUP OPTION TIER 4: 10TB TO <50T   | 1         |
| NETWORKER DISKBACKUP OPTION TIER 4: 25TB   | 3         |
| NETWORKER NETWORK EDITION STORAGE NODE LINUX   | 2         |
| NETWORKER OPERATIONS CONSOLE   | 1         |
| NETWORKER OPERATIONS SERVER CONNECTION   | 1         |
| NETWORKER VIRTUAL EDITION CLIENT   | 4         |
| READ-ONLY ST   | 1         |
| WEBTOP CLIENT ST   | 1         |
| WEBTOP EXTENDED SEARCH - ST  | 1         |
| xCP Designer=UA  | 3         |
| <b>Encore Empower</b>  | <b>1</b>  |
| Empower Concurrent Single Site License   | 1         |
| <b>Esri</b>  | <b>3</b>  |
| ArcGIS Online Level 2 Plan; Includes Up to 50 Named Users and 10,000 Service Credits   | 1         |
| EAP100 - Esri Enterprise Advantage Program (EEAP) - Annual subscription designed to provide enterprise-wide visioning and geospatial enablement through technical advisory | 1         |
| EAP102 - Esri Enterprise Advantage Program (EEAP) Additional 100 Learning and Service Credits  | 1         |
| <b>Ethosoft, INC</b>   | <b>4</b>  |
| Customer defined .csv extract for OP 10  | 1         |
| Customer defined XML eDMR Report   | 1         |
| XLIMS - Laboratory Inf. Mgmt. System, 2- Concurrent User   | 1         |
| Yearly Maintenance and Support Contract  | 1         |
| <b>Exelis VIS</b>  | <b>2</b>  |
| IDL Linux Floating Network License   | 1         |
| IDL Unix Floating Network Maint. Renewal   | 1         |
| <b>Fanthom</b>   | <b>3</b>  |
| Fathom GSC SUM, renewal (LN: 0190G-12366 8/15/2016 - 8/14/2017)  | 1         |
| Fathom SUM, renewal (LN: 0190-12365 8/15/2016 - 8/14/2017)   | 1         |
| Fathom XTS SUM, renewal (LN: 0190X-12367 8/15/2016 - 8/14/2017)  | 1         |
| <b>FEMAP</b>   | <b>2</b>  |
| FEMAP (Floating)   | 1         |
| FEMAP (Floating) - 1 Year Maint  | 1         |
| <b>FieldView</b>   | <b>1</b>  |
| FIELDVIEW support  | 1         |
| <b>FileMaker</b>   | <b>2</b>  |
| FileMaker Pro 1yr Perp RnwI Mnt T6 Cor/Gov Client Mnt only 500-999   | 1         |
| FileMaker Svr 1yr Perp Renewal Mnt Corp/Gov no IOS/WEB Concurrent License  | 1         |
| <b>Flexera</b>   | <b>14</b> |
| Additional Vendor Daemons  | 4         |
| Additional Vendor Daemons (requires FlexNet Manager for Engineering Applications)  | 1         |
| AdminStudio Professional Edition Maintenance Renewal (Silver)  | 2         |
| FlexNet Manager for Engineering Applications   | 6         |
| FlexWrap Silver Maintenance Renewal  | 1         |
| <b>FLOW-3D</b>   | <b>2</b>  |
| Instance Token   | 1         |

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| Rank Token   | 1         |
| <b>FRED</b>  | <b>1</b>  |
| FRED Optical Engineering Software  | 1         |
| <b>FreeFlyer</b>   | <b>1</b>  |
| GSA FreeFlyer Engineer Node-Locked Maintenance   | 1         |
| <b>Fusion</b>  | <b>1</b>  |
| TOC Service Agreement 1 yr. Premium Service Agreement on Tekmar Fusion   | 1         |
| <b>Gartner</b>   | <b>5</b>  |
| Enterprise IT Leadership Role member (Applications)  | 4         |
| Enterprise IT Leadership Team, Team Leader (Applications)  | 1         |
| <b>Gemini</b>  | <b>1</b>  |
| Access to any version of the source code SV-00044771   | 1         |
| <b>GibbsCAM</b>  | <b>3</b>  |
| 3rd Security Key for GibbsCAM (3D Solids Mill/Turn, 5-Axis, Rotary Mill, Machine Simulation, ACIS/SAT, VoluMill Wireframe and Pro-E Reader | 1         |
| GibbsCAM Maintenance on Security Key for 1 year  | 1         |
| GibbsCAM Software Maintenance (8/7/16 – 8/6/17)  | 1         |
| <b>GRMON2</b>  | <b>1</b>  |
| GRMON2 LEON  | 1         |
| <b>Hyperion</b>  | <b>5</b>  |
| Hyperion System 9 Planning and Essbase Analytics Bundle - Named Interactive User Perpetual   | 1         |
| Hyperion System 9 Planning and Essbase Analytics Bundle - Named Power User Perpetual   | 1         |
| Hyperion System 9 Planning and Essbase Analytics Bundle - Named View User Perpetual  | 1         |
| Hyperion System 9 Planning and Essbase Analytics Bundle - Standard Tier Perpetual  | 1         |
| Software Update License & Support  | 1         |
| <b>HyperSizer</b>  | <b>8</b>  |
| MSU for HyperSizer Pro Fully Paid-Up Node-Locked License   | 1         |
| MSU for HyperSizer Pro Fully Paid-Up Server License  | 6         |
| Phase I Development of Design for Manufacturability Software Laminate Optimization Component - See SOW for breakout                        | 1         |
| <b>IBM Aspera</b>  | <b>7</b>  |
| IBM Aspera Console Application - 1 Node and 1 User Install License + SW Subscription & Support   | 1         |
| IBM Aspera Console Application Additional User Install License + SW Subscription & Support   | 1         |
| IBM Aspera Enterprise Server 1Gbps Install License + SW Subscription & Support   | 1         |
| IBM Aspera Point-to-Point Client 300Mbps Install License + SW Subscription & Support   | 1         |
| IBM Aspera Point-to-Point Client 300Mbps Install SW Subscription & Support Reinstatement   | 1         |
| IBM Aspera Server on Demand Annual 120 Terabytes Initial Fixed Term License + SW Subsc&Supp  | 1         |
| IBM Aspera Server On Demand Overage - Charge Unit: Gigabyte  | 1         |
| <b>IBM Cognos</b>  | <b>4</b>  |
| IBM Cognos Business Intelligence Analytics Administrator per Authorized User Annual SW Subscrip Rene                                       | 1         |
| IBM Cognos Business Intelligence Analytics User per Processor Value Unit (PVU) Subscription Renewal  | 1         |
| IBM Cognos Business Intelligence PowerPlay Studio Add-on Limited Use Processor Value Unit (PVU) Rene                                       | 1         |
| IBM Connections Authorized User Annual SW Subscription & Support Renewal   | 1         |
| <b>IBM ENDPOINT</b>  | <b>6</b>  |
| IBM Endpoint Manager for Core Protection Client Device Annual SW Subscription & Support Renewal  | 1         |
| IBM Endpoint Manager for Core Protection Managed Virtual Server Annual SW S&S Renewal  | 1         |
| IBM Endpoint Manager for Patch Management Client Device Annual SW Subscription & Support Renewal   | 1         |
| IBM Endpoint Manager for Patch Management Managed Virtual Server Annual SW S&S Renewal   | 1         |
| IBM Endpoint Manager for Software Use Analysis Client Device Annual SW Subs&Supp Renewal   | 1         |
| IBM Endpoint Manager for Software Use Analysis Resource Value Unit Annual Subs&Supp Renewal  | 1         |
| <b>IBM FORMS</b>   | <b>1</b>  |
| IBM Forms Viewer Authorized User Annual SW Subscription & Support Renewal  | 1         |
| <b>IBM GPFS</b>  | <b>6</b>  |
| IBM General Parallel File System on x86 Architecture Client 10 Processor Value Units (PVUs) subs&sup                                       | 2         |
| IBM General Parallel File System on x86 Architecture Client 10 PVUs SW Subscription & Support Renewa                                       | 1         |
| IBM General Parallel File System on x86 Architecture Server 10 Processor Value Units (PVUs) subs&sup                                       | 2         |
| IBM General Parallel File System on x86 Architecture Server 10 PVUs SW Subscription & Support Renewa                                       | 1         |
| <b>IBM I2</b>  | <b>2</b>  |
| IBM I2 Analyst-s Notebook Concurrent User SW Subscription & Support Reinstatement 12 Months  | 1         |
| IBM I2 iBase User Concurrent User SW Subscription & Support Reinstatement 12 Months  | 1         |
| <b>IBM Maximo</b>  | <b>45</b> |
| Add On IBM Maximo Mobile Work Mgr to Maximo Asset Mgmt Authorized User Annual SW S&S Renewal   | 1         |
| IBM Maximo Asset Management Authorized User Annual SW Subscription & Support Renewal   | 2         |

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| IBM Maximo Asset Management Authorized User SW Subscription & Support Renewal  | 1         |
| IBM Maximo Asset Management Internal Service Providers Install SW Subscription & Support Renewal                       | 1         |
| IBM MAXIMO ASSET MANAGEMENT SCHEDULER AUTHORIZED USER Annual SW S&S Renewal  | 1         |
| IBM Maximo Asset Management Scheduler FCT Authorized User Annual SW Subscription & Support Renewal                     | 2         |
| IBM Maximo Mobile Asset Manager Authorized User Annual SW Subscription & Support Renewal                               | 1         |
| IBM Maximo Mobile Inventory Manager Authorized User Annual SW Subscription & Support Renewal                           | 2         |
| IBM Maximo Spatial Asset Management Authorized User Annual SW Subscription & Support Renewal                           | 1         |
| IBM Maximo Spatial Asset Management Install Annual SW Subscription & Support Renewal                                   | 1         |
| IBM Maximo Transportation Authorized User Annual SW Subscription & Support Renewal                                     | 2         |
| IBM Tivoli Maximo Adaptor for Microsoft Project Authorized User Annual SW Subscrpton & Sprt Renewal                    | 6         |
| IBM Tivoli Maximo Asset Management Internal Service Providers Authorized User Annual SW Subscription & Support Renewal | 1         |
| IBM Tivoli Maximo Asset Management Registered User Annual SW Subscription & Support Renewal                            | 23        |
| <b>IBM Rational</b>  | <b>62</b> |
| IBM Rational Change Concurrent User Annual SW Subscription & Support Renewal   | 1         |
| IBM Rational ClearCase and ClearCase MultiSite Floating User Annual SW Subscription & Support Renewa                   | 1         |
| IBM Rational ClearCase Floating User Annual SW Subscription & Support Renewal  | 4         |
| IBM Rational ClearCase MultiSite Floating User Annual SW Subscription & Support Renewal                                | 2         |
| IBM Rational ClearQuest Floating User Annual SW Subscription & Support Renewal   | 2         |
| IBM Rational Doors Authorized User Annual SW Subscription & Support Renewal  | 2         |
| IBM Rational DOORS family Floating User SW Subscription & Support Reinstatement  | 1         |
| IBM Rational DOORS family Floating User SW Subscription & Support Renewal  | 7         |
| IBM Rational DOORS family Floating User SW Subsrption & Support Renewal  | 1         |
| IBM Rational DOORS Next Generation Analyst Floating User Single Install license + SW Subscrip&Suppor                   | 1         |
| IBM Rational DOORS Next Generation Contributor Floating User Annual SW Subscrip&Supp Renewal                           | 1         |
| IBM Rational DOORS Next Generation Contributor Floating User Single Install Annual Subs&Supp Renewal                   | 1         |
| IBM Rational DOORS Web Access Editor Floating User Annual SW Subscription & Support Renewal                            | 2         |
| IBM Rational DOORS Web Access Reviewer Floating User Annual SW Subscription & Support Renewal                          | 1         |
| IBM Rational Method Composer Floating User Single Install Annual SW Subscription & Support Renewal                     | 1         |
| IBM Rational Performance Test Pack Virtual Testers 100 Floating User Annual SW Subs&Supp Renewal                       | 1         |
| IBM Rational Performance Tester Authorized User Annual SW Subscription & Support Renewal                               | 1         |
| IBM Rational Publishing Engine Floating User Annual SW Subscription & Support Renewal                                  | 7         |
| IBM Rational Publishing Engine Floating User Annual SW Subscription&Support Renewal                                    | 1         |
| IBM Rational Quality Manager Quality Professional Floating User Single Install Annual Sub&Sup Renewa                   | 1         |
| IBM Rational Quality Manager Quality Professional Floating User Single Install License + Subs&Supp                     | 1         |
| IBM Rational Requirements Composer Analyst Floating User Single Install Annual Subs&Supp Renewal                       | 2         |
| IBM Rational Requirements Composer Analyst Floating User Single Install Annual Subscrip&Support Rene                   | 1         |
| IBM Rational RequisitePro Authorized User Annual SW Subscription & Support Renewal                                     | 1         |
| IBM Rational RequisitePro Floating User Annual SW Subscription & Support Renewal                                       | 2         |
| IBM Rational Rhapsody Designer for Systems Engineers Floating User Single Annual Sub&Sup Renewal                       | 1         |
| IBM Rational Rhapsody Developer Authorized User Annual SW Subscription & Support Renewal                               | 1         |
| IBM Rational Rhapsody Developer for C++- C- and Java Authorized User Annual SW Subsc&Support Renewal                   | 1         |
| IBM Rational Rhapsody Developer for C++- C- and Java Floating User Single Annual Sub&Sup Renewal                       | 1         |
| IBM Rational Rhapsody Developer for C++- C- and Java Floating User Single Install SW Sub&Sup Renewal                   | 1         |
| IBM Rational Rhapsody Developer for C++- C- and Java Floating User Single Install SW Subs&Sup Reinst                   | 1         |
| IBM Rational Rhapsody for DoDAF- MODAF- and UPDM Add On Floating User Single Sub&Sup Renewal                           | 1         |
| IBM Rational Rhapsody Gateway Add On Floating User Single Install Annual Sub&Sup Renewal                               | 1         |
| IBM Rational Rhapsody Tools and Utilities Add On Floating User Single Install Annual SW Subs&Sup Ren                   | 1         |
| IBM Rational Rose Technical Developer Floating User Annual SW Subscription & Support Renewal                           | 1         |
| IBM Rational Synergy Concurrent User Annual SW Subscription & Support Renewal  | 1         |
| IBM Rational Team Concert Developer Authorized User Single Install Annual Subs&Supp Renewal                            | 1         |
| IBM Rational Team Concert Developer Floating User Single Install Annual Subs&Supp Renewal                              | 1         |
| IBM Rational Team Concert Developer for Workgroups Authorized User Single Annual Subs&Supp Renewal                     | 1         |
| IBM Rational Team Concert Developer for Workgroups Authorized User Single Install Annual Sub&Sup Ren                   | 1         |
| IBM Systems Director Express Edition for x86 Medium Server Annual SW Subscription & Support Renewal                    | 1         |
| <b>IBM Security</b>  | <b>49</b> |
| IBM Maximo for Transportation Add On Authorized User License + SW Subscription & Support 12 Months                     | 1         |

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| IBM Rational DOORS family Floating User License + SW Subscription & Support 12 Months                | 1         |
| IBM Security AppScan Source for Remediation Authorized User Single Install Annual SW Subs&Supp Renew | 1         |
| IBM Security AppScan Standard Floating User Single Install Subsequent Fixed Term License + SW Sub&Su | 1         |
| IBM Security Qradar Core Appliance XX24 Appliance Install Annual Appliance Maintenance Renewal       | 3         |
| IBM Security Qradar Core Appliance XX24 Appliance Install Annual Appliance Maintenance+Sub&Supp Ren  | 1         |
| IBM Security Qradar Core Appliance XX24 Subsequent Appliance Business Critical Service Upgrade       | 2         |
| IBM Security Qradar Core Appliance XX24 Subsequent Appliance Hard Drive Retention Service Upgrade    | 1         |
| IBM Security Qradar Core Appliance XX24 Subsequent Appliance Hard Drive Retention Service Upgrade    | 1         |
| IBM Security Qradar Core XX24 Appliance Install Subs Appliance Business Critical Service Upgrade     | 1         |
| IBM Security Qradar Core XX24 Appliance Install Subs Appliance Hard Drive Retention Service Upgrade  | 1         |
| IBM Security Qradar Incident Forensics Appliance XX28 Appliance Install & Maintenance Renewal        | 1         |
| IBM Security Qradar Incident Forensics Appliance XX28 Appliance Install Subsequent Business Critical | 1         |
| IBM Security Qradar Incident Forensics Appliance XX28 Install Subs Appliance Hard Drive Retention Se | 1         |
| IBM Security Qradar Incident Forensics Application instance Annual SW Subscription & Support Renewal | 1         |
| IBM Security Qradar Maintenance for QR4-CE-D-M Legacy Contract Annual SW Subscription & Support Rene | 1         |
| IBM Security Qradar Maintenance for QR4-CE-F-M Legacy Contract Annual SW Subscription & Support Rene | 1         |
| IBM Security Qradar Maintenance for QR4-FC-01-M Legacy Contract Annual SW Subscription&Support Renew | 1         |
| IBM Security Qradar Maintenance for QR4-FC-15-M Legacy Contract Annual SW Subscription & Support Ren | 1         |
| IBM Security Qradar Packet Capture Appliance XX28 Appliance Install & Maintenance Renewal            | 1         |
| IBM Security Qradar Packet Capture Appliance XX28 Install & Subsequent Appliance Business Critical   | 1         |
| IBM Security Qradar Packet Capture Appliance XX28 Install Subsequent Appliance Hard Drive Retention  | 1         |
| IBM Security Qradar Packet Capture Application instance Annual SW Subscription & Support Renewal     | 1         |
| IBM Security Qradar QFlow Collector 1202 Appliance Install Annual Appliance Maintenance Renewal      | 1         |
| IBM Security Qradar QFlow Collector 1202 Subsequent Appliance Business Critical Service Upgrade      | 1         |
| IBM Security Qradar QFlow Collector 1202 Subsequent Appliance Hard Drive Retention Service Upgrade   | 1         |
| IBM Security Qradar QFlow Collector 1301 Appliance Install Annual Appliance Maintenance Renewal      | 2         |
| IBM Security Qradar QFlow Collector 1301 Appliance Install Appliance Maintenance Renewal             | 1         |
| IBM Security Qradar QFlow Collector 1310-LR Install & Maintenance Renewal                            | 1         |
| IBM Security Qradar QFlow Collector 1310-LR Install & Subsequent Business Critical Service Upgrade   | 1         |
| IBM Security Qradar QFlow Collector 1310-LR Install & Subsequent hard Drive Retention Service Upgra  | 1         |
| IBM Security Qradar QFlow Collector 1310-SR Appliance Install Annual Appliance Maintenance Renewal   | 2         |
| IBM Security Qradar SIEM All-in-One Deployment Upgrade - Event Transfer Install Sub&Sup Renewal      | 1         |
| IBM Security Qradar SIEM All-in-One Deployment Upgrade - Flow Transfer Install Sub&Sup Renewal       | 1         |
| IBM Security Qradar SIEM Console 31XX Install Annual SW Subscription & Support Renewal               | 2         |
| IBM Security Qradar SIEM Event Capacity Pack Increase of 2.5K EPS Install SW Subscript&Supp Renewal  | 1         |
| IBM Security Qradar SIEM Event Processor 16XX Install Annual SW Subscription & Support Renewal       | 1         |
| IBM Security Qradar SIEM Flow Capacity Pack Increase of 100K FPM Annual SW Subscription&Support Rene | 1         |
| IBM Security Qradar SIEM Flow Processor 17XX Install Annual SW Subscription & Support Renewal        | 1         |
| IBM Security X-Force IP Reputation Intelligence Feed for 16XX Install Subsequent Fixed Term Lic      | 1         |
| IBM Security X-Force IP Reputation Intelligence Feed for 17XX Install Subsequent Fixed Term Lic      | 1         |
| IBM Security X-Force IP Reputation Intelligence Feed for 31XX Install Subsequent Fixed Term Lic      | 1         |
| IBM SPSS Statistics Standard Authorized User License + SW Subscription & Support 12 Months           | 1         |
| <b>IBM SmartCloud</b>  | <b>2</b>  |
| IBM Control Desk Concurrent User Annual SW Subscription & Support Renewal                            | 1         |
| IBM SMARTCLOUD CONTROL DESK CONCURRENT USER ANNUAL SW SUBSCRIPTION & SUPPORT RENEWAL                 | 1         |
| <b>IBM SPSS</b>  | <b>22</b> |
| IBM SPSS Advanced Statistics Authorized User Annual SW Subscription & Support Renewal                | 3         |
| IBM SPSS Bootstrapping Authorized User Annual SW Subscription & Support Renewal                      | 1         |
| IBM SPSS Categories Authorized User Annual SW Subscription & Support Renewal                         | 2         |
| IBM SPSS Custom Tables Authorized User Annual SW Subscription & Support Renewal                      | 1         |
| IBM SPSS Exact Tests Authorized User Annual SW Subscription & Support Renewal                        | 2         |
| IBM SPSS Forecasting Authorized User Annual SW Subscription & Support Renewal                        | 1         |
| IBM SPSS Missing Values Authorized User Annual SW Subscription & Support Renewal                     | 2         |
| IBM SPSS Neural Networks Authorized User Annual SW Subscription & Support Renewal                    | 1         |
| IBM SPSS Regression Authorized User Annual SW Subscription & Support Renewal                         | 3         |
| IBM SPSS Statistics Base Authorized User Annual SW Subscription & Support Renewal                    | 4         |
| IBM SPSS Statistics Professional Authorized User Annual SW Subscription & Support Renewal            | 1         |

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| IBM SPSS Statistics Standard Authorized User SW Subscription & Support Reinstatement 12 Months         | 1         |
| <b>IBM Tivoli</b>  | <b>1</b>  |
| IBM Tivoli Storage Manager Extended Edition 10 Processor Value Units (PVUs) Annual Subs&Supp Renewal   | 1         |
| <b>IBM TRIRIGA</b>   | <b>23</b> |
| Database Enhancements/Improvements   | 1         |
| Database Enhancements/Improvements - 45 Hours  | 1         |
| IBM TRIRIGA Application Builder Authorized User Annual SW Subscription & Support Renewal               | 1         |
| IBM Tririga CAD Integrator/Publisher Authorized User Annual SW Subs&Supp Renewal                       | 1         |
| IBM TRIRIGA Capital Projects Manager Concurrent User Annual SW Subscription & Support Renewal          | 2         |
| IBM TRIRIGA Connector for Business Applications for Non-Production Environment Install Annual Sub&Su   | 1         |
| IBM TRIRIGA Connector for Business Applications for Non-Production Environment Install Annual SW Ren   | 1         |
| IBM TRIRIGA Connector for Business Applications for Non-Production Environment Install Sub&Sup Renew   | 1         |
| IBM TRIRIGA Connector for Business Applications Install Annual SW Subscription & Support Renewal       | 3         |
| IBM TRIRIGA Connector for Offline Forms Concurrent User Annual SW Subscription & Support Renewal       | 2         |
| IBM TRIRIGA Facilities Manager Concurrent User Annual SW Subscription & Support Renewal                | 1         |
| IBM TRIRIGA Request Central Concurrent User Annual SW Sub&Supp Renewal                                 | 1         |
| IBM TRIRIGA Request Central concurrent User SW Subscription & Support Renewal                          | 1         |
| IBM TRIRIGA Strategic Facility Planning for Non-Production Environment Install Annual SW Sub&Sup Ren   | 1         |
| IBM TRIRIGA Strategic Facility Planning Install Annual SW Subscription & Support Renewal               | 1         |
| IBM TRIRIGA Workplace Performance Management Projects for Non-Production Environment Install Annual    | 1         |
| IBM TRIRIGA Workplace Performance Management Projects for Non-Production Environment Install Subs&Su   | 1         |
| IBM TRIRIGA Workplace Performance Management Projects Install Annual SW Subscription & Support Renew   | 1         |
| IBM TRIRIGA Workplace Performance Management Projects Install Annual SW Subscription&Support Renewal   | 1         |
| <b>IBM Watson</b>  | <b>1</b>  |
| IBM Watson Explorer Advanced Edition Resource Value Unit License + SW Subscription & Support 12 Months | 1         |
| <b>IBM XL</b>  | <b>3</b>  |
| IBM XL C/C++ for AIX Concurrent User Annual SW Subscription & Support Renewal                          | 1         |
| IBM XL C/C++ for Linux Concurrent User Annual SW Subscription & Support Renewal                        | 1         |
| IBM XL Fortran for Linux Concurrent User Annual SW Subscription & Support Renewal                      | 1         |
| <b>iHawk</b>   | <b>19</b> |
| 12-Ch 16-Bit High-Speed AO Board   | 2         |
| Additional charge for driver-only purchase.  | 1         |
| Engineering Charges for RedHawk 7.0 driver for SYS-GPCIE-20  | 1         |
| FORTAN 77 for RedHawk - Single User License  | 1         |
| GS PCIe 16AIO-41 Card  | 2         |
| iHawk System   | 1         |
| MIL-STD 1553 Device Dual   | 1         |
| MOXA CP-114EL-I-DB9 PCIe   | 2         |
| NightStar for RedHawk, N-Lock, One User, 2 CPUs  | 1         |
| RedHawk driver for CS-DD-67206Kx I/O card  | 1         |
| RedHawk driver for CS-GS-16AIOx I/O card   | 1         |
| RedHawk driver for CS-GS-16AO16x I/O card  | 1         |
| RedHawk driver for CS-MX-CPx I/O card  | 1         |
| RedHawk Linux Revision 7.2 driver for CS-SYS-GPCIE-20 on iHawk   | 1         |
| SIM Workbench 64-Bit Option  | 1         |
| SIMulation Workbench Base License  | 1         |
| <b>Impulse</b>   | <b>1</b>  |
| Impulse SUM, renewal (LN: 0950-20221 8/15/2016 - 8/14/2017)  | 1         |
| <b>Intel</b>   | <b>97</b> |
| Intel Inspector XE for Linux-Single named user Commercial  | 1         |
| Intel Integrated Performance Primitives Library for OS X-Single named user Commercial                  | 1         |
| Intel Parallel Studio XE Cluster Edition for Linux-Floating Commercial 2 seat pack                     | 1         |
| Intel Parallel Studio XE Cluster Edition for Linux-Floating Commercial 5 seat pack (SSR Pre-expiry)    | 1         |
| Intel Parallel Studio XE Cluster Edition for Linux-Floating Commercial 2 seat pack (SSR Pre-expiry)    | 1         |



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| Intel Parallel Studio XE Cluster Edition for Linux-Single named user Commercial   | 1         |
| Intel Parallel Studio XE Cluster Edition for Windows-Single named user Commercial   | 1         |
| Intel Parallel Studio XE Composer Edition for C++ Linux-Floating Commercial 5 seat pack   | 1         |
| Intel Parallel Studio XE Composer Edition for C++ Linux-Single named user Commercial  | 5         |
| Intel Parallel Studio XE Composer Edition for C++ OS X-Floating Commercial 2 seat pack  | 1         |
| Intel Parallel Studio XE Composer Edition for C++ OS X-Single named user Commercial   | 7         |
| Intel Parallel Studio XE Composer Edition for C++ Windows-Single named user Commercial  | 4         |
| Intel Parallel Studio XE Composer Edition for Fortran and C++ Linux   | 2         |
| Intel Parallel Studio XE Composer Edition for Fortran and C++ Linux- Single named user Commercial                                   | 3         |
| Intel Parallel Studio XE Composer Edition for Fortran and C++ Linux-Floating Commercial 2 seat pack                                 | 3         |
| Intel Parallel Studio XE Composer Edition for Fortran and C++ Linux-Single named user Commercial                                    | 3         |
| Intel Parallel Studio XE Composer Edition for Fortran and C++ Windows   | 1         |
| Intel Parallel Studio XE Composer Edition for Fortran and C++ Windows-Floating Commercial 2 seat pk                                 | 2         |
| Intel Parallel Studio XE Composer Edition for Fortran and C++ Windows-Single named user Commercial                                  | 6         |
| Intel Parallel Studio XE Composer Edition for Fortran and C++Linux-Floating Commercial 2 seat pack                                  | 2         |
| Intel Parallel Studio XE Composer Edition for Fortran Linux   | 2         |
| Intel Parallel Studio XE Composer Edition for Fortran Linux* - Named-user Commercial (SSR Pre-expiry)                               | 1         |
| Intel Parallel Studio XE Composer Edition for Fortran Linux-Floating Commercial 2 seat pack   | 1         |
| Intel Parallel Studio XE Composer Edition for Fortran Linux-Floating Commercial 5 seat pack   | 1         |
| Intel Parallel Studio XE Composer Edition for Fortran Linux-Single named user Commercial  | 6         |
| Intel Parallel Studio XE Composer Edition for Fortran OS X* - Floating Commercial 2sts  | 2         |
| Intel Parallel Studio XE Composer Edition for Fortran OS X-Single named user Commercial   | 10        |
| Intel Parallel Studio XE Composer Edition for Fortran Windows   | 2         |
| Intel Parallel Studio XE Composer Edition for Fortran Windows- Floating Commercial 2 seat pack                                      | 1         |
| Intel Parallel Studio XE Composer Edition for Fortran Windows* - Named-user Commercial (SSR Pre-expiry)                             | 1         |
| Intel Parallel Studio XE Composer Edition for Fortran Windows-Single named user Commercial  | 7         |
| Intel Parallel Studio XE Composer Edition for Fortran with Rogue Wave IMSL 7.0 for Windows-Single                                   | 1         |
| Intel Parallel Studio XE Composer Edition for Fortran with Rogue Wave IMSL 7.0 for Windows-Single us                                | 1         |
| Intel Parallel Studio XE Composer Edition for Fortran and C++ Linux-Floating Commercial 2 seat pk                                   | 1         |
| Intel Parallel Studio XE Edition for Fortran and C++ Linux- Floating Commercial 2 seat pack   | 1         |
| Intel Parallel Studio XE Professional Edition for C++ Linux-Single named user Commercial  | 1         |
| Intel Parallel Studio XE Professional Edition for Fortran and C++ Linux-Single named user Commercial                                | 1         |
| Intel Parallel Studio XE Professional Edition for Fortran and C++ Windows   | 1         |
| Intel Parallel Studio XE Professional Edition for Fortran and C++ Windows-Floating Commercial 2 stpk                                | 1         |
| Intel Parallel Studio XE Professional Edition for Fortran and C++ Windows-Single named user Commerci                                | 1         |
| Intel Parallel Studio XE Professional Edition for Fortran and C++Linux-Floating Commercial 5 seat pk                                | 1         |
| Intel Parallel Studio XE Professional Edition for Fortran Windows-Single named user Commercial                                      | 3         |
| Intel VTune Amplifier XE for Linux-Single named user Commercial   | 2         |
| Intel VTune Amplifier XE for Linux-Floating Commercial 1 seat pack  | 1         |
| <b>Intergraph</b>   | <b>2</b>  |
| INTERGRAPH Existing Caesar II licenses  | 2         |
| <b>IRIS</b>   | <b>2</b>  |
| IRIS Maintenance 2017   | 1         |
| IRIS Professional v6 10 user expansion pack   | 1         |
| <b>Joyent</b>   | <b>4</b>  |
| Compute Data Transfer Out Medium 4GB  | 1         |
| NFS Storage Small 1GB   | 1         |
| <b>JW Player</b>  | <b>1</b>  |
| JW Enterprise License for 2 years   | 1         |
| <b>Keysight</b>   | <b>2</b>  |
| ADS Core, Layout, Harmonic Balance, Momentum G2 bundled license   | 1         |
| Keysight Technologies Inc. U2331A High performance multifunction DAQ, 64-CH single-ended or 32-CH differential analog inputs; 3MS/s | 1         |
| <b>LabVIEW</b>  | <b>49</b> |
| Developer Suite Standard Service Program  | 1         |
| DisplayPort to VGA Adapter Cable  | 1         |
| LabVIEW FPGA Module   | 3         |
| LabVIEW Full Development System   | 3         |

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| LabVIEW Full Development System, Windows   | 3         |
| LabVIEW MathScript RT Module   | 1         |
| LabVIEW Professional Dev System  | 1         |
| LabVIEW Professional Dev System, Windows   | 1         |
| LabVIEW Professional Development System  | 1         |
| LabVIEW Professional Development System, Windows   | 1         |
| LabVIEW Real-Time Module   | 2         |
| LabVIEW Standard Service Program   | 17        |
| LabVIEW Standard Service Program 1 Yr Renewal of LABVIEW DEBUG DEPLOYMENT ENVIRONMENT LICENSE                | 1         |
| LabVIEW Standard Service Program 1 Yr Renewal of LABVIEW FULL DEVELOPMENT SYSTEM, WINDOWS, ENGLISH           | 1         |
| LabVIEW Standard Service Program Concurrent Volume License Agreement Renewal                                 | 1         |
| LabWindows/CVI Standard Service Program  | 2         |
| NI Developer Suite 2016 DS1 Edition  | 1         |
| Renewal of LABVIEW BASE DEVELOPMENT SYSTEM, WINDOWS, ENGLISH   | 1         |
| Renewal of LABVIEW FPGA MODULE, ENGLISH  | 1         |
| Renewal of LABVIEW FULL DEVELOPMENT SYSTEM, WINDOWS, ENGLISH   | 1         |
| Renewal of LABVIEW FULL DEVELOPMENT SYSTEM, OS X   | 1         |
| Renewal of LABVIEW MATHSCRIPT RT MODULE, WINDOWS   | 1         |
| Renewal of LABVIEW PROFESSIONAL DEVELOPMENT SYSTEM, WINDOWS, ENGLISH   | 1         |
| Renewal of LABVIEW REAL-TIME MODULE, WINDOWS, ENGLISH  | 1         |
| Renewal of VISION DEVELOPMENT MODULE FOR LABVIEW   | 1         |
| <b>Liferay</b>   | <b>6</b>  |
| Liferay Portal Enterprise Subscription. Gold Backup Server. Gold Software Support.                           | 1         |
| Liferay Portal Enterprise Subscription. Gold Non-Production Server. Gold Software Support.                   | 1         |
| Liferay Portal Enterprise Subscription. Gold Production Server. Gold Software Support.                       | 1         |
| Liferay Portal Enterprise Subscription. Platinum Non-Production Server. Software Support 24x7                | 1         |
| Liferay Portal Enterprise Subscription. Platinum Production Server. Software Support 24x7                    | 2         |
| <b>Livermore</b>   | <b>1</b>  |
| 44th-50th Core Paid Up License Prorate Maintenance   | 1         |
| <b>Logic Agent</b>   | <b>3</b>  |
| Ethan - Automated web analytic tag audit   | 1         |
| Ethan Monitor- Automated analytic tag monitoring   | 1         |
| James - In page tag debugger for Google Chrome   | 1         |
| <b>MagicDraw</b>   | <b>57</b> |
| Cameo DataHub Plugin 18.4 FR   | 1         |
| Cameo DataHub Plugin Software Assurance for Floating License (Validity 10/01/16 - 09/30/17)                  | 1         |
| Cameo Requirements Modeler Plugin Software Assurance for Floating License (Validity 10/01/16 - 09/30/17)     | 1         |
| Cameo Simulation Toolkit Plugin Software Assurance for Floating License (Validity 10/01/16 - 09/30/17)       | 1         |
| Creo Interface Plugin for Syndeia 2.0 Software Assurance for Floating License (Validity 10/01/16 - 09/30/17) | 1         |
| MagicDraw 18.3 FR Architect Edition Floating License   | 1         |
| MagicDraw 18.3 FR Enterprise Edition Floating License  | 1         |
| MagicDraw 18.3 FR Teamwork Server, over 10 connections   | 1         |
| MagicDraw Software Assurance for Architect Edition Floating License  | 3         |
| MagicDraw Software Assurance for Enterprise Edition Floating License   | 3         |
| MagicDraw Software Assurance for Enterprise Edition Floating License (Validity 10/01/16 - 09/30/17)          | 1         |
| MagicDraw Software Assurance for Enterprise Edition Mobile License   | 1         |
| MagicDraw Software Assurance for Standard Edition Floating License   | 2         |
| MagicDraw Software Assurance for Teamwork server   | 2         |
| MagicDraw Software Assurance for Teamwork server, 10 connections   | 1         |
| MagicDraw Software Assurance for Teamwork server, 10+ connections (Validity 10/01/16 - 09/30/17)             | 1         |
| MagicDraw Software Assurance for Teamwork server, 5 connections  | 2         |

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| MagicDraw Software Assurance for Teamwork Server, over 10 connections  | 1           |
| MagicDraw UML upgrade from Teamwork Server   | 1           |
| MagicDraw Upgrade from Professional C++ Floating to Enterprise Floating Edition  | 1           |
| MagicDraw Upgrade from Standard Floating to Architect Floating Edition   | 1           |
| MagicDraw Upgrade from Standard Seat to Architect Floating Edition   | 1           |
| Merge Plugin Software Assurance for Floating License   | 3           |
| Merge Plugin Software Assurance for Floating License (Validity 10/01/16 - 09/30/17)  | 1           |
| Merge Plugin Software Assurance for Seat License   | 2           |
| ParaMagic Plugin 18.0 LTR Floating License   | 1           |
| ParaMagic Plugin Software Assurance for Floating License   | 3           |
| ParaMagic Plugin Software Assurance for Floating License (Validity 10/01/16 - 09/30/17)  | 1           |
| SA upgrade for UML upgrade from Teamwork Server  | 1           |
| Software Assurance for Cameo Collaborator, 5 Connections (Validity 10/01/16 - 09/30/17)  | 1           |
| Syndeia 2.0 Base Product for MagicDraw   | 1           |
| Syndeia 2.0 Base Product for MagicDraw Software Assurance for Floating License   | 1           |
| Syndeia 2.0 Base Product for MagicDraw Software Assurance for Floating License (Validity 10/01/16 - 09/30/17)                        | 1           |
| SysML Plugin 18.3 FR Floating License  | 2           |
| SysML Plugin Software Assurance for Floating License   | 7           |
| SysML Plugin Software Assurance for Floating License (Validity 10/01/16 - 09/30/17)  | 1           |
| SysML Upgrade from Seat to Floating License  | 1           |
| Windchill Interface for Syndeia 2.0 Software Assurance for Floating License (Validity 10/01/16 - 09/30/17)                           | 1           |
| <b>Magnet</b>  | <b>6</b>    |
| Magnet IEF - USB   | 1           |
| Magnet IEF Module - Business Application & OS Artifacts  | 1           |
| Magnet IEF Module - Mobile Artifacts   | 1           |
| SMS Magnet IEF   | 1           |
| SMS Magnet IEF Module - Business Application & OS Artifacts  | 1           |
| SMS Magnet IEF Module - Mobile Artifacts   | 1           |
| <b>Mastercam</b>   | <b>2</b>    |
| LATHE SIM  | 1           |
| MILL 3D SIM  | 1           |
| <b>Mathematica</b>   | <b>66</b>   |
| Premier Service Renewal  | 1           |
| Premier Service Renewal for Network with 1 Network Increment   | 1           |
| Premier Service Renewal for Network with 2 Network Increments  | 1           |
| Premier Service Renewal for Network with 3 Network Increments  | 2           |
| Premier Service Renewal for Network with 5 Network Increments  | 2           |
| Premier Service renewal for single user Mathematica license  | 1           |
| Premier Service Subscription Renews service on Network of Mathematica with 7 floating seats License 2463-4104                        | 1           |
| Upgrade and put into service two Single User Mathematica Licenses  | 2           |
| Upgrade with Premier Service Plus  | 1           |
| Wolfram Mathematica Premier Service Plus Single User   | 2           |
| Wolfram Mathematica Premier Service Single User  | 24          |
| Wolfram Alpha. Query Part Number: WASB100. 500,000 valid Wolfram Alpha full result API Summary Box queries with the Query Recognizer | 1           |
| <b>Mathworks</b>   | <b>4794</b> |
| "  |             |
| MATLAB Maintenance (SUBML)"  | 1           |
| 1 Simulink Desktop Real-Time Maintenance (SUBWT)   | 1           |
| Aerospace Blockset (AEALL)   | 1           |
| Aerospace Blockset (AESMS)   | 5           |
| Aerospace Blockset Maintenance (SUBAE)   | 58          |
| Aerospace Blockset Reinstatement (SRAE)  | 3           |
| Aerospace Toolbox (ATALL)  | 4           |
| Aerospace Toolbox (ATSMS)  | 7           |
| Aerospace Toolbox Maintenance (SUBAT)  | 80          |
| Aerospace Toolbox Reinstatement (SRAT)   | 3           |
| Bioinformatics Toolbox (BIALL)   | 1           |
| Bioinformatics Toolbox (BISMS)   | 1           |
| Bioinformatics Toolbox Maintenance (SUBBI)   | 2           |
| Communications System Toolbox (CMALL)  | 2           |

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| Communications System Toolbox (CMSMS)               | 14  |
| Communications System Toolbox Maintenance (SUBCM)   | 5   |
| Communications System Toolbox Maintenance (SUBCM)   | 4   |
| Communications System Toolbox Reinstatement (SRCM)  | 1   |
| Computer Vision System Toolbox (VP)                 | 1   |
| Computer Vision System Toolbox (VPALL)              | 2   |
| Computer Vision System Toolbox (VPSMS)              | 3   |
| Computer Vision System Toolbox Maintenance (SUBVP)  | 4   |
| Computer Vision System Toolbox Maintenance (SUBVP)  | 3   |
| Computer Vision System Toolbox Reinstatement (SRVP) | 1   |
| Control System Toolbox (CTALL)                      | 1   |
| Control System Toolbox (CTSMS)                      | 43  |
| Control System Toolbox (CTSMSR)                     | 2   |
| Control System Toolbox Maintenance                  | 1   |
| Control System Toolbox Maintenance (SUB)            | 1   |
| Control System Toolbox Maintenance (SUBCT)          | 182 |
| Control System Toolbox Reinstatement (SRCT)         | 4   |
| Curve Fitting Toolbox (CF)                          | 1   |
| Curve Fitting Toolbox (CFALL)                       | 2   |
| Curve Fitting Toolbox (CFDWL)                       | 1   |
| Curve Fitting Toolbox (CFSMS)                       | 31  |
| Curve Fitting Toolbox Maintenance (SUBCF)           | 72  |
| Curve Fitting Toolbox Reinstatement (SRCF)          | 4   |
| Data Acquisition Toolbox (DAALL)                    | 1   |
| Data Acquisition Toolbox (DASMS)                    | 8   |
| Data Acquisition Toolbox (SUBDA)Maintenance         | 1   |
| Data Acquisition Toolbox Maintenance (SUBDA)        | 10  |
| Data Acquisition Toolbox Maintenance (SUBDA)        | 6   |
| Database Toolbox (DB)                               | 1   |
| Database Toolbox (DBALL)                            | 1   |
| Database Toolbox (DBSMS)                            | 5   |
| Database Toolbox Maintenance (SUBDB)                | 41  |
| Database Toolbox Reinstatement (SRDB)               | 1   |
| DSP System Toolbox (DS)                             | 2   |
| DSP System Toolbox (DSALL)                          | 2   |
| DSP System Toolbox (DSSMS)                          | 36  |
| DSP System Toolbox Maintenance (SUBDS)              | 42  |
| DSP System Toolbox Reinstatement (SRDS)             | 2   |
| Eioinformatics Toolbox (BIDWL)                      | 1   |
| Embedded Coder (ECALL)                              | 1   |
| Embedded Coder (ECSMS)                              | 8   |
| Embedded Coder Maintenance (SUBEC)                  | 33  |
| Filter Design HDL Coder Maintenance (SUBFH)         | 1   |
| Filter Design HDL Coder Maintenance (SUBFH)         | 1   |
| Financial Toolbox (FIALL)                           | 1   |
| Financial Toolbox (FISMS)                           | 1   |
| Fixed-Point Designer (POALL)                        | 3   |
| Fixed-Point Designer (POSMS)                        | 14  |
| Fixed-Point Designer Maintenance (SUBPO)            | 49  |
| Fuzzy Logic Toolbox (FLSMS)                         | 11  |
| Fuzzy Logic Toolbox Maintenance (SUBFL)             | 11  |
| Global Optimization Toolbox (GDALL)                 | 2   |
| Global Optimization Toolbox (GDDWL)                 | 1   |
| Global Optimization Toolbox (GDSMS)                 | 2   |
| Global Optimization Toolbox Maintenance (SUBGD)     | 6   |
| Global Optimization Toolbox Maintenance (SUBGD)     | 7   |
| Global Optimization Toolbox Reinstatement (SRGD)    | 1   |

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| HDL Coder Maintenance (SUBHD)                                   | 3   |
| HDL Verifier Maintenance (SUBES)                                | 3   |
| Image Acquisition Toolbox (IAALL)                               | 1   |
| Image Acquisition Toolbox (IASMS)                               | 2   |
| Image Acquisition Toolbox Maintenance (SUBIA)                   | 4   |
| Image Acquisition Toolbox Maintenance (SUBIA)                   | 2   |
| Image Acquisition Toolbox Reinstatement (SRIA)                  | 1   |
| Image Processing Toolbox (IP)                                   | 3   |
| Image Processing Toolbox (IPALL)                                | 2   |
| Image Processing Toolbox (IPDWL)                                | 2   |
| Image Processing Toolbox (IPSMS)                                | 16  |
| Image Processing Toolbox Maintenance                            | 1   |
| Image Processing Toolbox Maintenance (SUBIP)                    | 1   |
| Image Processing Toolbox Maintenance (SUBIP)                    | 29  |
| Image Processing Toolbox Maintenance (SUBIP)                    | 41  |
| Image Processing Toolbox Reinstatement (SRIP)                   | 6   |
| Instrument Control Toolbox (IC)                                 | 1   |
| Instrument Control Toolbox (ICSMS)                              | 11  |
| Instrument Control Toolbox (SUBIC) Maintenance                  | 1   |
| Instrument Control Toolbox Maintenance (SUBIC)                  | 10  |
| Instrument Control Toolbox Maintenance (SUBIC)                  | 11  |
| Instrument Control Toolbox Reinstatement (SRIC)                 | 1   |
| LTE System Toolbox (LSSMS)                                      | 1   |
| Mapping Toolbox (MG)  | 1   |
| Mapping Toolbox (MGALL)   | 2   |
| Mapping Toolbox (MGDWL)   | 2   |
| Mapping Toolbox (MGSMS)   | 18  |
| Mapping Toolbox Maintenance                                     | 1   |
| Mapping Toolbox Maintenance (SUBMG)                             | 88  |
| Mapping Toolbox Reinstatement (SRMG)                            | 3   |
| MATLAB (ML)   | 4   |
| MATLAB (MLALL)  | 9   |
| MATLAB (MLDWL)  | 9   |
| MATLAB (MLSMS)  | 196 |
| MATLAB (MLSMSR)   | 1   |
| MATLAB Coder (ME)   | 2   |
| MATLAB Coder (MEALL)  | 3   |
| MATLAB Coder (MESMS)  | 21  |
| MATLAB Coder Maintenance (SUBME)                                | 1   |
| MATLAB Coder Maintenance (SUBME)                                | 64  |
| MATLAB Coder Reinstatement (SRME)                               | 3   |
| MATLAB Compiler (CO)  | 1   |
| MATLAB Compiler (COALL)   | 2   |
| MATLAB Compiler (COSMS)   | 10  |
| MATLAB Compiler Maintenance (SUBCO)                             | 47  |
| MATLAB Compiler Reinstatement (SRCO)                            | 1   |
| MATLAB Compiler Reinstatement (SRCO))                           | 1   |
| MATLAB Compiler SDK (MJSMS)                                     | 8   |
| MATLAB Compiler SDK Maintenance (SUBMJ)                         | 28  |
| MATLAB Compiler SDK Maintenance (SUBMJ)                         | 11  |
| MATLAB Compiler SDK Reinstatement (SRMJ)                        | 1   |
| MATLAB Compiler SDK Reinstatement (SRMJ)                        | 1   |
| MATLAB Distrib Computing Server 128 pack Maintenance (SUBDW128) | 1   |
| MATLAB Distrib Computing Server 16 pack Maintenance (SUBDW16)   | 1   |

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| MATLAB Distrib Computing Server 160 pack Maintenance (SUBDW160) | 2   |
| MATLAB Distrib Computing Server 256 pack Maintenance (SUBDW256) | 1   |
| MATLAB Distrib Computing Server 32 pack Maintenance (SUBDW32)   | 1   |
| MATLAB MainMaintenance (SUBML)                                  | 2   |
| MATLAB Maintenance  | 1   |
| MATLAB Maintenance (SUBML)                                      | 747 |
| MATLAB Reinstatement (SRML)                                     | 17  |
| MATLAB Report Generator (MR)                                    | 2   |
| MATLAB Report Generator (MRALL)                                 | 4   |
| MATLAB Report Generator (MRSMS)                                 | 5   |
| MATLAB Report Generator (MRSMSR)                                | 1   |
| MATLAB Report Generator Maintenance (SUBMR)                     | 42  |
| MATLAB Report Generator Maintenance (SUBMR)                     | 13  |
| MATLAB Report Generator Reinstatement (SRMR)                    | 4   |
| Model Predictive Control Toolbox (MPSMS)                        | 2   |
| Model Predictive Control Toolbox Maintenance (SUBMP)            | 3   |
| Model Predictive Control Toolbox Maintenance (SUBMP)            | 3   |
| Neural Network Toolbox (NNALL)                                  | 1   |
| Neural Network Toolbox (NNSMS)                                  | 11  |
| Neural Network Toolbox Maintenance                              | 3   |
| Neural Network Toolbox Maintenance (SUBNN)                      | 1   |
| Neural Network Toolbox Maintenance (SUBNN)                      | 16  |
| Neural Network Toolbox Maintenance (SUBNN)                      | 24  |
| Neural Network Toolbox Reinstatement (SRNN)                     | 2   |
| Neural Network Toolbox Reinstatement (SRNN)                     | 2   |
| OPC Toolbox (OTSMS)   | 4   |
| OPC Toolbox Maintenance (SUBOT)                                 | 6   |
| OPC Toolbox Reinstatement (SROT)                                | 1   |
| Optimization Toolbox (OPDWL)                                    | 2   |
| Optimization Toolbox (OPSMS)                                    | 38  |
| Optimization Toolbox Maintenance                                | 2   |
| Optimization Toolbox Maintenance (SUBOP)                        | 118 |
| Optimization Toolbox Maintenance (SUBOP)                        | 1   |
| Optimization Toolbox Reinstatement (SROP)                       | 3   |
| Organization Toolbox Maintenance (SUBOP)                        | 1   |
| Parallel Computing Toolbox (DMALL)                              | 13  |
| Parallel Computing Toolbox (DMDWL)                              | 1   |
| Parallel Computing Toolbox (DMSMS)                              | 19  |
| Parallel Computing Toolbox Maintenance                          | 1   |
| Parallel Computing Toolbox Maintenance (SUBDM)                  | 2   |
| Parallel Computing Toolbox Maintenance (SUBDM)                  | 47  |
| Parallel Computing Toolbox Maintenance (SUBDM)                  | 38  |
| Parallel Computing Toolbox Reinstatement (SRDM)                 | 1   |
| Partial Differential Equation Toolbox (PDSMS)                   | 5   |
| Partial Differential Equation Toolbox Maintenance (SUBPD)       | 8   |
| Partial Differential Equation Toolbox Maintenance (SUBPD)       | 3   |
| Phased Array System Toolbox (ARSMS)                             | 2   |
| Polyspace Bug Finder Maintenance (SUBBF)                        | 6   |
| Polyspace Code Prover Maintenance (SUBPB)                       | 5   |
| RF Toolbox (RFALL)  | 1   |
| RF Toolbox (RFSMS)  | 2   |
| RF Toolbox Maintenance (SUBRF)                                  | 5   |
| Robust Control Toolbox (RCSMS)                                  | 10  |

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| Robust Control Toolbox Maintenance (SUBRC)     | 35  |
| Signal Processing Toolbox (SG)                 | 1   |
| Signal Processing Toolbox (SGALL)              | 2   |
| Signal Processing Toolbox (SGDWL)              | 2   |
| Signal Processing Toolbox (SGSMS)              | 67  |
| Signal Processing Toolbox (SGSMSR)             | 1   |
| Signal Processing Toolbox Maintenance          | 7   |
| Signal Processing Toolbox Maintenance (SUBSG)  | 2   |
| Signal Processing Toolbox Maintenance (SUBSG)  | 1   |
| Signal Processing Toolbox Maintenance (SUBSG)  | 176 |
| Signal Processing Toolbox Maintenance (SUBSG)  | 90  |
| Signal Processing Toolbox Maintenance (SUBSG)  | 1   |
| Signal Processing Toolbox Reinstatement (SRSG) | 4   |
| Signal Processing Toolbox Reinstatement (SRSG) | 2   |
| Signal Processing Toolbox Reinstatement (SRSG) |     |
| Maintenance (SUBDW128)                         | 1   |
| SimElectronics (SNALL)                         | 1   |
| SimEvents (SESMS)                              | 5   |
| SimEvents Maintenance (SUBSE)                  | 18  |
| SimMechanics Maintenance (SUBMS)               | 2   |
| SimPowerSystems (PSALL)                        | 1   |
| SimRF (RBALL)                                  | 1   |
| SimRF (RBSMS)                                  | 1   |
| SimRF Maintenance (SUBRB)                      | 3   |
| Simscape (SS)                                  | 2   |
| Simscape (SSSMS)                               | 7   |
| Simscape Electronics (SNSMS)                   | 2   |
| Simscape Electronics Maintenance (SUBSN)       | 17  |
| Simscape Fluids (SHSMS)                        | 3   |
| Simscape Fluids Maintenance (SUBSH)            | 17  |
| Simscape Maintenance                           | 1   |
| Simscape Maintenance (SUBSS)                   | 46  |
| Simscape Multibody (MS)                        | 2   |
| Simscape Multibody (MSSMS)                     | 4   |
| Simscape Multibody Maintenance (SUBMS)         | 25  |
| Simscape Power Systems (PSSMS)                 | 4   |
| Simscape Power Systems Maintenance             | 1   |
| Simscape Power Systems Maintenance (SUBPS)     | 18  |
| Simulink (SL)                                  | 2   |
| Simulink (SLALL)                               | 5   |
| Simulink (SLDWL)                               | 3   |
| Simulink (SLSMS)                               | 84  |
| Simulink (SLSMSR)                              | 2   |
| Simulink 3D Animation (VRALL)                  | 1   |
| Simulink 3D Animation (VRSMS)                  | 2   |
| Simulink 3D Animation Maintenance (SUBVR)      | 15  |
| Simulink 3D Animation Reinstatement (SRVR)     | 1   |
| Simulink Coder (RT)                            | 3   |
| Simulink Coder (RTALL)                         | 3   |
| Simulink Coder (RTSMS)                         | 23  |
| Simulink Coder (RTSMSR)                        | 2   |
| Simulink Coder Maintenance (SUBRT)             | 65  |
| Simulink Coder Reinstatement (SRRT)            | 3   |
| Simulink Control Design (SDSMS)                | 31  |
| Simulink Control Design (SDSMSR)               | 1   |
| Simulink Control Design Maintenance            | 1   |
| Simulink Control Design Maintenance (SUBSD)    | 1   |
| Simulink Control Design Maintenance (SUBSD)    | 89  |
| Simulink Control Design Maintenance (SUBSD) 12 | 1   |
| Simulink Control Design Reinstatement (SRSD)   | 3   |
| Simulink Design Optimization (SOSMS)           | 5   |

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| Simulink Design Optimization Maintenance                     | 1   |
| Simulink Design Optimization Maintenance (SUBSO)             | 2   |
| Simulink Design Optimization Maintenance (SUBSO)             | 12  |
| Simulink Design Verifier (DV)                                | 1   |
| Simulink Design Verifier Maintenance (SUBDV)                 | 6   |
| Simulink Desktop Real-Time (WTSMS)                           | 2   |
| Simulink Desktop Real-Time Maintenance (SUBWT)               | 1   |
| Simulink Desktop Real-Time Maintenance (SUBWT)               | 6   |
| Simulink Maintenance   | 1   |
| Simulink Maintenance (SUBSL)                                 | 280 |
| Simulink Real-Time (XPSMS)                                   | 1   |
| Simulink Real-Time Maintenance (SUBXP)                       | 14  |
| Simulink Real-Time Reinstatement (SRXP)                      | 1   |
| Simulink Reinstatement (SRSL)                                | 10  |
| Simulink Report Generator (SR)                               | 2   |
| Simulink Report Generator (SRALL)                            | 4   |
| Simulink Report Generator (SRSMS)                            | 5   |
| Simulink Report Generator (SRSMSR)                           | 1   |
| Simulink Report Generator Maintenance (SUBSR)                | 36  |
| Simulink Report Generator Maintenance (SUBSR)                | 8   |
| Simulink Test (SZALL)  | 2   |
| Simulink Test Maintenance (SUBSZ)                            | 4   |
| Simulink Verification and Validation (VV)                    | 4   |
| Simulink Verification and Validation (VVALL)                 | 2   |
| Simulink Verification and Validation (VVSMS)                 | 6   |
| Simulink Verification and Validation (VVSMSR)                | 1   |
| Simulink Verification and Validation Maintenance (SUBVV)     | 38  |
| Simulink Verification and Validation Maintenance (SUBVV)     | 5   |
| Spreadsheet Link (ELDWL)                                     | 1   |
| Spreadsheet Link (ELSMS)                                     | 11  |
| Spreadsheet Link EX Maintenance (SUBEL)                      | 4   |
| Spreadsheet Link Maintenance (SUBEL)                         | 12  |
| Stateflow (SF)   | 5   |
| Stateflow (SFALL)  | 5   |
| Stateflow (SFSMS)  | 26  |
| Stateflow Maintenance (SUBSF)                                | 99  |
| Statistics and Machine Learning Toolbox                      | 4   |
| Statistics and Machine Learning Toolbox (ST)                 | 2   |
| Statistics and Machine Learning Toolbox (STALL)              | 10  |
| Statistics and Machine Learning Toolbox (STDWL)              | 4   |
| Statistics and Machine Learning Toolbox (STSMS)              | 28  |
| Statistics and Machine Learning Toolbox Maintenance          | 1   |
| Statistics and Machine Learning Toolbox Maintenance (SUBST)  | 123 |
| Statistics and Machine Learning Toolbox Reinstatement (SRST) | 2   |
| Statistics and Machine Learning Toolbox (STALL)              | 2   |
| Statistics and Machine Learning Toolbox (STSMS)              | 30  |
| Statistics and Machine Learning Toolbox (STSMSR)             | 1   |
| Statistics and Machine Learning Toolbox Maintenance (SUBST)  | 74  |
| Statistics and Machine Learning Toolbox Reinstatement (SRST) | 3   |
| Symbolic Math Toolbox (SMSMS)                                | 13  |
| Symbolic Math Toolbox (SMSMSR)                               | 1   |
| Symbolic Math Toolbox Maintenance                            | 2   |
| Symbolic Math Toolbox Maintenance (SUBSM)                    | 1   |
| Symbolic Math Toolbox Maintenance (SUBSM)                    | 52  |
| Symbolic Math Toolbox Reinstatement (SRSM)                   | 2   |



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| System Identification Toolbox (IDSMS)  | 13         |
| System Identification Toolbox (IDSMS)<br>(STSMS)   | 2          |
| System Identification Toolbox Maintenance  | 1          |
| System Identification Toolbox Maintenance (SUBID)  | 21         |
| System Identification Toolbox Maintenance<br>(SUBID)   | 24         |
| Vehicle Network Toolbox (VNSMS)  | 1          |
| Vehicle Network Toolbox Maintenance (SUBVN)  | 1          |
| Wavelet Toolbox (WASMS)  | 2          |
| Wavelet Toolbox (WASMS)<br>(STSMS)   | 1          |
| Wavelet Toolbox Maintenance (SUBWA)  | 20         |
| Wavelet Toolbox Reinstatement (SRWA)   | 1          |
| <b>McAfee</b>  | <b>19</b>  |
| Additional 3 Contacts 1Yr** TRUSTED PRODUCT, Grant # 8701005-NAI, Period of Performance: 7/1/2016 to 6/30/2017.                    | 1          |
| Liferay Portal Enterprise Subscription Platinum Backup Server. Software Support 24x7. Annual Subscription.                         | 1          |
| Liferay Portal Enterprise Subscription. Gold<br>Backup Server. Gold Software Support   | 1          |
| Liferay Portal Enterprise Subscription. Gold<br>Non-Production Server. Gold Software Support                                       | 1          |
| Liferay Portal Enterprise Subscription. Gold<br>Production Server. Software Support  | 1          |
| Liferay Portal Enterprise Subscription. Limited Non- Production Server. Limited Support.   | 1          |
| Liferay Portal Enterprise Subscription. Limited Production Server. Limited Support.  | 1          |
| Liferay Portal Enterprise Subscription. Platinum Non-Production Server. Software Support 24x7. Annual Subscription.                | 1          |
| Liferay Portal Enterprise Subscription. Platinum Production Server. Software Support 24x7. Annual Subscription.                    | 1          |
| McAfee Comp Data Prot P:1Y 251-500   | 1          |
| MFE Vulnerability Mngr EN SW 1YrGL** TRUSTED PRODUCT, 8708948-NAI, Period of Performance: 7/1/2016 to 6/30/2017.                   | 1          |
| MFE Vulnerabilty Mgr MVM3100Appl 1Yr GL+ARMA** TRUSTED PRODUCT, Grant # 8700646-NAI, Period of Performance: 7/1/2016 to 6/30/2017. | 1          |
| MFE VulnrbltyMgr MVM3200Appl 1YrGL+ARMA** TRUSTED PRODUCT Grant # 8701007-NAI, Period of Performance: 7/8/2016 to 6/30/2017.       | 1          |
| MFE VulnrbltyMgr MVM3200Appl 1YrGL+ARMA** TRUSTED PRODUCT Grant # 8712170-NAI, Period of Performance: 8/28/2016 to 6/30/2017.      | 1          |
| MFE VulnrbltyMgr MVM3200Appl 1YrGL+ARMA** TRUSTED PRODUCT, Grant # 8700988-NAI, 8700988-NAI  | 1          |
| MFE VulnrbltyMgr MVM3200Appl 1YrGL+ARMA** TRUSTED PRODUCT, Grant # 8701024-NAI, Period of Performance: 8/4/2016 to 6/30/2017.      | 1          |
| NA Enterprise Support** TRUSTED PRODUCT, Grant # 2480485-NAI, Period of Performance: 7/1/2016 to 6/30/2017.                        | 1          |
| Renewal. LiferaY Portal Enterprise Subscription. Gold<br>Non-Production Server. Gold Software Support                              | 1          |
| Renewal. LiferaY Portal Enterprise Subscription. Gold<br>Production Server. Software Support                                       | 1          |
| <b>McIDAS</b>  | <b>4</b>   |
| Data Center Data Access - unlimited  | 1          |
| Data Center Data Access - unlimited.   | 1          |
| McIDAS User Support and License - unlimited seats  | 1          |
| McIDAS User Support and License -unlimited seats   | 1          |
| <b>Mentor Graphics</b>   | <b>141</b> |
| AccuParts for SysVision Op SW  | 1          |
| Analog Designer Ap SW  | 1          |
| BLAZEROUTER TU UPGRADE   | 1          |
| BoardSim Crosstalk Module Op   | 1          |
| BoardSim Multi-Board AnlysMod  | 1          |
| DesignView Ap SW   | 1          |
| DXD050 KIT Ap SW   | 8          |
| DxDesigner 100 Bnd SW  | 12         |
| EDIF 2.0.0 Schematic I/F Ap SW   | 1          |

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| Eldo Analog Design Stn SW                         | 1  |
| Expedition PCB Pinnacle Ap SW                     | 1  |
| EZw ave for HyperLynx Ap SW                       | 2  |
| Falcon Framework V8 Ap SW                         | 1  |
| FloEFD for Creo Ap SW                             | 1  |
| HDL Design Ultra PE VHDL Bnd                      | 2  |
| HDL Design Ultra PE VHDL Bnd SW                   | 3  |
| HDL DesignUltra SE Mixed Bnd SW                   | 1  |
| HyperLynx 3D EM SSD Ap SW                         | 2  |
| HyperLynx Analog Op SW                            | 2  |
| HyperLynx BSim SPICELynx Op                       | 1  |
| HyperLynx DRC Standard AP SW Perpetual            | 1  |
| HyperLynx DRC Standard AP SW Support              | 1  |
| HyperLynx LSim SPICELynx Op                       | 1  |
| HyperLynx PI Power Bnd SW                         | 1  |
| HyperLynx SI BSim EXT Ap SW                       | 1  |
| HyperLynx SI EXT Bnd SW                           | 3  |
| HyperLynx SI GHz Bnd SW                           | 3  |
| HyperLynx Thermal Ap SW                           | 1  |
| HYPERSUITE WIN Ap SW                              | 1  |
| IS FloorPlanner Ap SW                             | 2  |
| IS MultiBoard Op SW                               | 1  |
| Leonardo Insight Op SW                            | 1  |
| LineSim Crosstalk Module Op S                     | 1  |
| Mentor 3D Library Op SW                           | 1  |
| Mentor 3D Library Op SW Perpetual                 | 1  |
| Mentor 3D Library Op SW Support                   | 1  |
| Mentor 3D PDF Writer Op SW                        | 1  |
| Mentor 3D PDF Writer Op SW Perpetual              | 1  |
| Mentor 3D PDF Writer Op SW Support                | 1  |
| Mentor 3D Plug-In Op SW                           | 1  |
| Mentor 3D Plug-In Op SW Perpetual                 | 1  |
| Mentor 3D Plug-In Op SW Support                   | 1  |
| ModelSim DE PLUS Bnd SW                           | 1  |
| ModelSim PE/PLUS Ap SW                            | 7  |
| ModelSim PE/VHDL Ap SW                            | 4  |
| ModelSim SE/VHDL Ap SW                            | 4  |
| ModelSim SE/VLOG Ap SW                            | 1  |
| PADS AutoRouter HSD Op SW                         | 3  |
| PADS ES Suite Ap SW                               | 7  |
| PADS IO Designer Ap SW                            | 1  |
| PC/PCB CAD Interfaces Op SW                       | 1  |
| PPCB 095 KIT Ap SW                                | 1  |
| Precision RTL Synthesis Ap SW                     | 1  |
| ProtoView V8 Ap SW                                | 1  |
| Questa AFV for VHDL Op SW                         | 1  |
| Questa Core VHDL Ap SW                            | 2  |
| Questa Prime Ap SW                                | 1  |
| Spice Integration Op SW                           | 1  |
| SystemVision 350 Bnd SW                           | 2  |
| Tanner-Calibre One DRC/LVS Op SW TimeBased        | 1  |
| VARIANTS UP 2.0 Ap SW                             | 1  |
| xDM Parts Manager-Admin Ap S                      | 2  |
| xDX Databook Op SW                                | 1  |
| xDX Designer 050 Ap SW                            | 11 |
| xDX Designer 200 Bnd SW                           | 1  |
| xDX EDIF I/F Op SW                                | 1  |
| xDX EDIF Schem I/FxDX EDIF I/                     | 1  |
| xDX EDIF Schem I/FxDX EDIF I/F Dual Stn Perpetual | 1  |
| xDX EDIF Schem I/FxDX EDIF I/F Dual Stn Support   | 1  |
| xDX IOPT Op SW                                    | 1  |
| xDX IOPT Op SW Perpetual                          | 1  |
| xDX IOPT Op SW Support                            | 1  |
| xDX WG Stn SW                                     | 1  |

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| xPCB FabLink 100 Ap SW  | 1          |
| xPCB FabLink 100 Perpetual  | 1          |
| xPCB FabLink 100 Support  | 1          |
| xPCB MCAD2 Op SW  | 1          |
| xPCB MCAD2 Op SW Perpetual  | 1          |
| xPCB MCAD2 Op SW Support  | 1          |
| <b>Metalogix</b>  | <b>1</b>   |
| Metalogix StoragePoint License Per Web Front End with premium support and maintenance for 1 year. | 1          |
| <b>Microsoft</b>  | <b>447</b> |
| Core CAL per User SA  | 1          |
| CoreCAL ALNG LicSAPk MVL Pltfrm UsrCAL - ENTERPRISE   | 1          |
| Excel 2016 Sngl MVL - SELECT  | 1          |
| ExchgStdCAL 2016 SNGL MVL DvcCAL - SELECT   | 1          |
| ExchgSvrStd 2016 SNGL MVL - SELECT  | 1          |
| ExchgSvrStd ALNG SA MVL - ENTERPRISE - SA Renewal 12 Months                                       | 1          |
| Microsoft Office 2016 32bitx64 English DiskKit MVL DVD 5  | 5          |
| Microsoft OfficeMacStandard 2016 English DiskKit MVL DVD 5  | 3          |
| Microsoft OfficeProfessionalPlus 2013 32bitx64 English DiskKit MVL DVD 5                          | 1          |
| Microsoft OfficeProfessionalPlus 2016 32bitx64 English DiskKit MVL DVD                            | 1          |
| Microsoft OfficeProfessionalPlus 2016 32bitx64 English DiskKit MVL DVD 5                          | 1          |
| Microsoft Project 2010 32bitx64 English DiskKit MVL DVD 5   | 1          |
| Microsoft Project 2010 32bitx64 English DiskKit w/ServicePack1 MVL DVD 5 MLF                      | 1          |
| Microsoft Project 2013 32bitx64 English DiskKit MVL DVD 5   | 1          |
| Microsoft Project 2013 32bitx64 English DiskKit w/ServicePack1 MVL DVD 5 MLF                      | 1          |
| Microsoft Project 2016 32bitx64 English DiskKit MVL DVD 5   | 1          |
| Microsoft Visio Professional 2016 32bitx64 English DiskKit MVL DVD 5                              | 2          |
| Microsoft Windows ServerStandard 2012R2 64Bit English DiskKit MVL DVD 5                           | 2          |
| Microsoft WindowsProfessional 7 64bit English DiskKit MVL DVD 5                                   | 2          |
| MSDNPltfrms ALNG LicSAPk MVL - SELECT   | 2          |
| MSDNPltfrms ALNG LicSAPkMVL - SELECT  | 1          |
| Office Professional Plus License and SA   | 1          |
| Office Professional Plus SA   | 1          |
| OfficeMacStd 2016 SNGL MVL - SELECT   | 74         |
| OfficeProPlus 2016 32bitx64 ENG DiskKit MVL DVD   | 1          |
| OfficeProPlus 2016 SNGL MVL - SELECT  | 40         |
| OfficeProPlus SNGL LicSAPk MVL - SELECT   | 1          |
| OfficeStd 2016 SNGL MVL - SELECT  | 43         |
| OfficeStd SNGL LicSAPk MVL - SELECT   | 2          |
| OfficeStd SNGL SA MVL - SELECT  | 1          |
| ParatureAddtDepartments ShrdSvr ALNG SubsVL MVL AddOn - ENTERPRISE                                | 2          |
| ParatureEnt ShrdSvr ALNG SubsVL MVL PerUsr - ENTERPRISE   | 1          |
| Pblshr 2016 SNGL MVL - SELECT   | 1          |
| Prjct 2016 SNGL MVL - SELECT  | 32         |
| Prjct ALNG SA MVL - ENTERPRISE - SA Renewal 12 Months   | 1          |
| PrjctPro 2016 SNGL MVL w1PrjctSvrCAL - SELECT   | 7          |
| PrjctPro SNGL LicSAPk MVL w1PrjctSvrCAL - SELECT  | 1          |
| PrjctSvr SNGL LicSAPk MVL - SELECT  | 1          |
| SharePointEntCAL 2013 SNGL MVL UsrCAL - SELECT  | 7          |
| SharePointEntCAL ALNG LicSAPk MVL UsrCAL - ENTERPRISE - Added at Signing - 1YR Price              | 1          |
| SharePointEntCAL ALNG SA MVL UsrCAL - ENTERPRISE - SA Renewal 12 Months                           | 1          |
| SharePointEntCAL SNGL LicSAPk MVL UsrCAL - SELECT   | 1          |
| SharePointEntCAL SNGL SA MVL UsrCAL - SELECT  | 1          |
| SharePointStdCAL 2013 SNGL MVL UsrCAL - SELECT  | 1          |
| SharePointStdCAL 2016 SNGL MVL DvcCAL - SELECT  | 1          |
| SharePointSvr 2013 SNGL MVL - SELECT  | 1          |
| SharePointSvr 2016 SNGL MVL - SELECT  | 2          |
| SharePointSvr ALNG SA MVL - ENTERPRISE - SA Renewal 12 Months                                     | 1          |
| SharePointSvr SNGL LicSAPk MVL - SELECT   | 3          |
| SQLCAL 2014 SNGL MVL DvcCAL - SELECT  | 1          |
| SQLCAL 2014 SNGL MVL UsrCAL - SELECT  | 4          |
| SQLCAL 2016 SNGL MVL DvcCAL - SELECT  | 1          |
| SQLCAL ALNG SA MVL UsrCAL - ENTERPRISE - SA Renewal 12 Months                                     | 1          |
| SQLSvrEntCore 2014 SNGL MVL 2Lic CoreLic - SELECT   | 1          |
| SQLSvrEntCore 2016 SNGL MVL 2Lic CoreLic - SELECT   | 1          |

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| SQLSvrEntCore ALNG SA MVL 2Lic CoreLic - ENTERPRISE - SA Renewal 12 Months           | 1         |
| SQLSvrEntCore SNGL LicSAPk MVL 2Lic CoreLic - SELECT                                 | 4         |
| SQLSvrEntCore SNGL LicSAPkMVL 2Lic CoreLic - SELECT                                  | 1         |
| SQLSvrEntCore SNGL SA MVL 2Lic CoreLic - SELECT                                      | 1         |
| SQLSvrStd 2014 SNGL MVL - SELECT   | 10        |
| SQLSvrStd 2016 SNGL MVL - SELECT   | 1         |
| SQLSvrStd ALNG SA MVL - ENTERPRISE - SA Renewal 12 Months                            | 1         |
| SQLSvrStdCore 2014 SNGL MVL 2Lic CoreLic   | 1         |
| SQLSvrStdCore 2014 SNGL MVL 2Lic CoreLic - SELECT                                    | 1         |
| SQLSvrStdCore 2016 SNGL MVL 2Lic CoreLic - SELECT                                    | 1         |
| SQLSvrStdCore SNGL LicSAPk MVL 2Lic CoreLic - SELECT                                 | 1         |
| SysCtrCltMgmtSte ALNG LicSAPk MVL PerUsr - ENTERPRISE - Added at Signing - 1YR Price | 1         |
| SysCtrCltMgmtSte ALNG SA MVL PerUsr - ENTERPRISE - SA Renewal 12 Months              | 1         |
| SysCtrCnfgMgrCltML SNGL LicSAPk MVL PerUsr - SELECT                                  | 1         |
| SysCtrDatactr SNGL LicSAPk MVL 2Proc - SELECT  | 1         |
| SysCtrStd ALNG SA MVL 2Proc - ENTERPRISE - SA Renewal 12 Months                      | 1         |
| VDA SNGL SubsVL MVL PerDvc - SELECT  | 1         |
| VisioPro 2016 SNGL MVL - SELECT  | 21        |
| VisioPro ALNG LicSAPk MVL - ENTERPRISE - Added at Signing - 1YR Price                | 1         |
| VisioPro ALNG SA MVL - ENTERPRISE - SA Renewal 12 Months                             | 1         |
| VisioStd 2016 SNGL MVL - SELECT  | 20        |
| VSEntwMSDN ALNG LicSAPk MVL - SELECT   | 2         |
| VSEntwMSDN ALNG SA MVL - ENTERPRISE - SA Renewal 12 Months                           | 1         |
| VSEntwMSDN ALNG SA MVL - SELECT  | 4         |
| VSEntwMSDN ALNG SASU MVL VSProwMSDN - SELECT   | 1         |
| VSPro 2015 SNGL MVL - SELECT   | 19        |
| VSPro 2015 SNGL MVL - SELECTT  | 1         |
| VSProwMSDN ALNG LicSAPk MVL - SELECT   | 4         |
| VSProwMSDN ALNG LicSAPkMVL - SELECT  | 1         |
| VSProwMSDN ALNG SA MVL - SELECT  | 8         |
| WINENT ALNG SA MVL Pltfrm - ENTERPRISE - SA Renewal                                  | 1         |
| WINENT ALNG UpgrdSAPk MVL Pltfrm - ENTERPRISE  | 1         |
| WINENT SNGL SA MVL - SELECT  | 2         |
| WINENT SNGL UpgrdSAPk MVL - SELECT   | 5         |
| WINENTLTSBUPGRD 10 2015 SNGL Upgrd MVL - SELECT                                      | 6         |
| WinPro 10 SNGL Upgrd MVL - SEL   | 1         |
| WinPro 10 SNGL Upgrd MVL - SELECT  | 16        |
| WinRmtDsktpSrvcsCAL 2012 SNGL MVL UsrCAL - SELECT                                    | 3         |
| WinRmtDsktpSrvcsCAL ALNG SA MVL UsrCAL - ENTERPRISE - SA Renewal 12 Months           | 1         |
| WinRmtDsktpSrvcsCAL SNGL LicSAPk MVL UsrCAL - SELECT                                 | 1         |
| WinSvrCAL 2012 SNGL MVL DvcCAL - SELECT  | 1         |
| WinSvrCAL 2012 SNGL MVL UsrCAL - SELECT  | 1         |
| WinSvrCAL SNGL LicSAPk MVL DvcCAL - SELECT   | 1         |
| WinSvrCAL SNGL SA MVL UsrCAL - SELECT  | 2         |
| WinSvrDataCtr SNGL LicSAPk MVL 2Proc - SELECT  | 1         |
| WinSvrDataCtr SNGL SA MVL 2Proc - SELECT   | 2         |
| WinSvrStd 2012R2 SNGL MVL 2 Processor  | 1         |
| WinSvrStd 2012R2 SNGL MVL 2Proc - SELECT   | 12        |
| WinSvrStd ALNG LicSAPk MVL 2Proc - ENTERPRISE  | 1         |
| WinSvrStd ALNG SA MVL 2Proc - ENTERPRISE - SA Renewal 12 Months                      | 1         |
| WinSvrStd SNGL LicSAPk MVL 2Proc - SELECT  | 3         |
| WinSvrStd SNGL SA MVL 2Proc - SELECT   | 1         |
| <b>ModelCenter</b>   | <b>1</b>  |
| ModelCenter Integrate  | 1         |
| <b>MSC</b>   | <b>65</b> |
| Maintenance for ACIS SAT Access  | 1         |
| Maintenance for Actran/Acoustics   | 1         |
| Maintenance for Actran/DMP   | 1         |
| Maintenance for Actran/TM  | 1         |
| Maintenance for Actran/VI  | 1         |
| Maintenance for Actran/Vibro-Acoustics   | 1         |
| Maintenance for CATIA V5 Access  | 1         |
| Maintenance for Easy5 Basic Package  | 1         |
| Maintenance for Easy5 Fluid Power Package  | 1         |

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| Maintenance for Easy5 Gas Dynamics Package   | 1         |
| Maintenance for Mentat ACIS Access   | 1         |
| Maintenance for MSC Fatigue Advanced Solver Package  | 1         |
| Maintenance for MSC Fatigue Basic Solver Package   | 1         |
| Maintenance for MSC Nastran Aeroelasticity II  | 1         |
| Maintenance for MSC Nastran Desktop - Advanced Structures Bundle - Open (Patran) - Nodelock** TRUSTED PRODUCT **   | 1         |
| Maintenance for MSC Nastran MD Implicit NL - MK+ - Seat  | 7         |
| Maintenance for Mvision ASM Reference Databanks Package  | 1         |
| Maintenance for Mvision Standards Databank Package with ESDU Databank  | 1         |
| Maintenance for Patran CAE Solid Modeling  | 6         |
| Maintenance for Patran Creo Access   | 7         |
| Maintenance for Patran Laminate Modeler  | 4         |
| Maintenance for Patran LS-DYNA Preference  | 5         |
| Maintenance for Sinda  | 1         |
| Maintenance for: Master Key Plus Base  | 10        |
| Maintenance for: MSC Nastran Explicit HPC_71st through 100 cores   | 1         |
| Maintenance for: MSC Nastran Explicit HPC-5th through 70th Core  | 1         |
| Maintenance For: MSC Nastran MD Nastran Explicit NL Pkg  | 1         |
| Maintenance for: MSC Sinda Complete Package-MK+  | 1         |
| MSC Nastran Desktop - Patran ABAQUS Preference - Nodelock **   | 1         |
| MSC Nastran Desktop - Structures Bundle - Open (Patran) - Nodelock **  | 1         |
| SIMULIA Abaqus Extended Tokens**   | 1         |
| Software Maintenance Renewals - NETCENTS Price equals previous year net maintenance price x the then-current Consumer Price Index (CPI) rate.** TRUSTED PRODUCT **   | 1         |
| <b>MSM Lites II</b>  | <b>4</b>  |
| iSite LITES II Option 1  | 1         |
| iSite STARSS III Additional Funding  | 1         |
| Starss III LCMS - CY I (includes SAAS Subscription, Maintenance, and Support) All iSite Modules + Tier 3 Maintenance/Support + Software Escrow Service + Fedramp   | 1         |
| Starss III LCMS Transition   | 1         |
| <b>National Instruments</b>  | <b>83</b> |
| Calibration Executive Software (All Procedures), DVD   | 1         |
| Circuit Design Suite Standard Service Program  | 1         |
| Developer Suite Standard Service Program   | 11        |
| Developer Suite Standard Service Program 1 Yr Renewal of NI DEVELOPER SUITE, ENGLISH   | 3         |
| Developer Suite Standard Service Program Ontime, 3 Yr Renewal of NI DEVELOPER SUITE, ENGLISH   | 1         |
| DIAdem Standard Service Program  | 2         |
| Inactive < 60 Days, 1 Yr Renewal of LABVIEW BASE DEVELOPMENT SYSTEM, WINDOWS, ENGLISH S/N M63X95134  | 2         |
| LabVIEW Professional Dev System, Windows, English. NI Software Service provides free, automatic upgrades for your software & access to NI Application Eng via phone/email for tech support Engineers via phone/email for technical support | 1         |
| LabVIEW Real-Time Module. NI Software Service provides free, automatic upgrades for your software & access to NI Application Engineers via phone/email for technical support   | 1         |
| Measurement Studio Standard Service Program  | 1         |
| NI Developer Suite   | 2         |
| NI Developer Suite 2015 DS2 Edition  | 2         |
| NI Standard Service Program for Hardware   | 2         |
| NI Standard Service Program for Hardware Includes coverage for repair service  | 7         |
| NI Standard Service Program for Hardware Includes coverage for repair service  | 10        |
| Ontime, 1 Yr Renewal of LABVIEW FULL DEVELOPMENT SYSTEM, WINDOWS, ENGLISH S/N M63X47471  | 2         |

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| Ontime, 1 Yr Renewal of LABVIEW FULL<br>DEVELOPMENT SYSTEM, WINDOWS,<br>ENGLISH<br>S/N M73X14109   | 2        |
| Ontime, 1 Yr Renewal of LABVIEW<br>REAL-TIME MODULE, WINDOWS, ENGLISH<br>S/N M78X24557<br>From 28-OCT-16<br>Current Configuration:NI DEVELOPER<br>SUITE, ENGLISH<br>Current Configuration:NI DEVELOPER<br>SUITE, ENGLISH   | 1        |
| Ontime, 1 Yr Renewal of NI DEVELOPER<br>SUITE, ENGLISH<br>S/N Z61M21193<br>Current Configuration:NI DEVELOPER<br>SUITE, ENGLISH<br>NI DEVELOPER SUITE INDUSTRIAL<br>MONITORING OPTION<br>NI DEVELOPER SUITE LV REAL-TIME<br>OPTION<br>NI DEVELOPER SUITE FPGA OPTION | 2        |
| Ontime, 1 Yr Renewal of NI DEVELOPER<br>SUITE, ENGLISH<br>S/N Z71M51443<br>Current Configuration:NI DEVELOPER<br>SUITE, ENGLISH  | 1        |
| Ontime, 1 Yr Renewal of NI DEVELOPER<br>SUITE, ENGLISH<br>S/N Z71M51444<br>Current Configuration:NI DEVELOPER<br>SUITE, ENGLISH<br>Current Configuration:NI DEVELOPER<br>SUITE, ENGLISH  | 1        |
| Ontime, 1 Yr Renewal of NI DEVELOPER<br>SUITE, ENGLISH<br>S/N Z71M51446<br>Current Configuration:NI DEVELOPER<br>SUITE, ENGLISH<br>NI DEVELOPER SUITE LV REAL-TIME<br>OPTION<br>NI DEVELOPER SUITE FPGA OPTION   | 1        |
| Ontime, 1 Yr Renewal of NI DEVELOPER<br>SUITE, ENGLISH<br>S/N Z71M51447<br>Current Configuration:NI DEVELOPER<br>SUITE, ENGLISH<br>NI DEVELOPER SUITE CONTROL DESIGN<br>AND SIMULATION OPTION  | 1        |
| Premium Service Program for CompactDAQ<br>Systems  | 2        |
| Renewal of NI DEVELOPER<br>SUITE, ENGLISH  | 4        |
| Signal Express Standard Service Program  | 1        |
| Standard Service Program for CompactDAQ Systems  | 2        |
| Standard Service Program for CompactDAQ<br>Systems   | 3        |
| Standard Service Program for CompactRIO Systems  | 1        |
| Standard Service Program for CompactRIO<br>Systems   | 6        |
| Standard Service Program for PXI Systems   | 5        |
| Vision Standard Service Program  | 1        |
| <b>Nessus</b>  | <b>2</b> |
| NESSUS PROFESSIONAL ONPREM-ANNUAL SUB (NEW)  | 1        |

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| NESSUS PROFESSIONAL ONPREM-ANNUAL SUB (RENEW)   | 1         |
| <b>NovAtel</b>  | <b>1</b>  |
| NovAtel Inertial Explorer post-processing software  | 1         |
| <b>Oracle</b>   | <b>30</b> |
| B69333 Oracle RightNow Government Cloud Platform Cloud Service                                    | 1         |
| Oracle Additional Test Environment for Oracle RightNow Cloud Service                              | 1         |
| Oracle Business Intelligence  | 2         |
| Oracle Data Integrator  | 2         |
| Oracle Database Enterprise Edition  | 1         |
| Oracle Database Lifecycle   | 2         |
| Oracle Database Lifecycle Management Pack   | 1         |
| Oracle Diagnostics Pack   | 1         |
| Oracle Identity and Access  | 2         |
| Oracle Management Pack for WebCenter  | 2         |
| Oracle Partitioning   | 1         |
| Oracle RightNow Enterprise Dynamic Agent Desktop Cloud Service                                    | 1         |
| Oracle RightNow Single Sign-On Cloud Service  | 1         |
| Oracle RightNow Universal Tier 1 Sessions Monthly   | 1         |
| Oracle Tuning Pack  | 1         |
| Oracle Web Tier   | 2         |
| Oracle WebCenter Suite Plus   | 2         |
| Oracle WebLogic Server  | 4         |
| Software Update License & Supp  | 1         |
| Software Update License & Support   | 1         |
| <b>Orcid</b>  | <b>1</b>  |
| ORCID Subscription Agreement  | 1         |
| <b>ParaMagic</b>  | <b>1</b>  |
| ParaMagic Plugin Software Assurance for Floating License  | 1         |
| <b>PatchManager</b>   | <b>1</b>  |
| Option 3: Software maintenacne and support - Year 3   | 1         |
| <b>Pointwise</b>  | <b>49</b> |
| Gridgen permanent perpetual license   | 1         |
| Pointwise software annual license   | 41        |
| Pointwise Software Maintenance  | 7         |
| <b>POLARIS / ARGO Enterprise</b>  | <b>3</b>  |
| Agency License for Polaris and Argo   | 1         |
| Polaris/Argo Senior Manager   | 1         |
| Polaris/Argo Technical Expert   | 1         |
| <b>Portland Group</b>   | <b>1</b>  |
| PGI Accelerator CDK Linux 1 Yr Sub Renewal  | 1         |
| <b>PowerMapper</b>  | <b>1</b>  |
| Maintenance and Support Floating Suite: PowerMapper + SortSite                                    | 1         |
| <b>Primavera</b>  | <b>2</b>  |
| Oracle Software License Update and Support - Primavera P6 Enterprise Project Portfolio Management | 2         |
| <b>Princeton Satellite</b>  | <b>3</b>  |
| SCT Course  | 1         |
| SCT Course Customization  | 1         |
| SCT Customization   | 1         |
| <b>ProActive</b>  | <b>1</b>  |
| ProActive DBA Maintenance/Support Renewal   | 1         |
| <b>PTC Cloud Services</b>   | <b>9</b>  |
| PTC ECS Customization (Monthly)   | 1         |
| PTC PLM VPN Management Connections (Monthly)  | 1         |
| <b>PTC Creo</b>   | <b>18</b> |
| Annual Maintenance for Creo Engineer I  | 2         |
| Application Programming Toolkit   | 1         |
| Creo Engineer I   | 2         |
| Creo Engineer IV  | 2         |
| Creo Engineer IV - 12 months support  | 1         |
| Creo Engineer IV with GPD I ~ N2 P  | 1         |
| Creo Enterprise SE (formerly Pro/ENGINEER)  | 1         |
| Creo Interface Plugin for Syndeia 2.0   | 1         |
| Creo Interface Plugin for Syndeia 2.0 Software Assurance for Floating License                     | 1         |
| Creo Mechanica Structural Simulation Package  | 1         |

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| DIVISION ProductView for Windows  | 1          |
| Introduction to ThingWorx 6.5 - In Center   | 1          |
| Platinum Annual Support Creo Engr IV  | 1          |
| Thermal Simulation Package  | 1          |
| Windchill PDMLink and ProjectLink - Heavy User License ~ N2 RU                                    | 1          |
| <b>PTC Integrity</b>  | <b>5</b>   |
| PTC Integrity Modeler (Core) - Perp Gold MNT  | 1          |
| PTC Integrity Modeler ACS Transformation - Perp Gold MNT  | 1          |
| PTC Integrity Modeler Automatic Code Synch - Perp Gold MNT  | 1          |
| PTC Integrity Requirements Connector - 1 Floating license to serve 3                              | 1          |
| PTC Requirements & Validation - Concurrent User - 1 Concurrent User license to serve 3 users      | 1          |
| <b>PTC Windchill</b>  | <b>106</b> |
| CREO Illustrate   | 1          |
| CREO Parametric 3.0 Essentials Plus   | 1          |
| CREO Parametric 3.0 Essentials Premium  | 1          |
| Creo View JT Format Adapter   | 1          |
| Creo View JT Format Option  | 1          |
| Creo View PDF Review  | 1          |
| Enterprise Level Support on Windchill PDMLink and ProjectLink - Heavy User License                | 1          |
| Enterprise Level Support on Windchill PDMLink and ProjectLink - Light User License                | 1          |
| gold Level Maintenance Support - 12 months  | 5          |
| Integrity LCM Client - Concurrent User  | 1          |
| Integrity Platform  | 1          |
| Substitute PTC Global Software Development for Integrity Client Concurrent User                   | 1          |
| Support for: (Creo Elements) Pro/Engineer Advanced XE with AAX and Windchill PDMLink - Heavy User | 1          |
| Support for: Creo View Adapter for PDF (formerly Creo View PDF Publishing Server)                 | 1          |
| Support for: Creo View Adapter for PDF (formerly PDF Publishing Server)                           | 1          |
| Support for: Creo View Adatper for Creo (formerly Creo Graphics Server Pkg for Creo View)         | 1          |
| Support for: Creo View MCAD (formerly ProductView)  | 1          |
| Support for: Creo View PDF Collaboration Interface  | 1          |
| Support for: Integrity Lifecycle Manager Registered - prorated 187 days                           | 1          |
| Support for: Integrity Lifecycle Manager Server Support - prorated 187 days                       | 1          |
| Support for: Integrity Manager Concurrent User  | 1          |
| Support for: Integrity Modeler (Core) Gold Support MNT prorated 187 days                          | 1          |
| Support for: Integrity Source Concurrent User   | 1          |
| Support for: Windchill Accelerated Life Testing (Enterprise Edition)                              | 1          |
| Support for: Windchill Business Report Author   | 1          |
| Support for: Windchill Business Report Monitor  | 1          |
| Support for: Windchill External Server Access (formerly Info Engine Access)                       | 1          |
| Support for: Windchill Failure Mode and Effects Analysis (Enterprise Edition)                     | 1          |
| Support for: Windchill Failure Mode and Effects Analysis (Enterprise Edition) MNT                 | 1          |
| Support for: Windchill Failure Mode and Effects Analysis (Team Edition)                           | 1          |
| Support for: Windchill FTA (Enterprise Edition)   | 1          |
| Support for: Windchill FTA (Team Edition)   | 1          |
| Support for: Windchill Information Modeler  | 1          |
| Support for: Windchill JDBC Adapter   | 1          |
| Support for: Windchill LCCs (Enterprise Edition)  | 1          |
| Support for: Windchill Maintainability (Enterprise Edition)                                       | 1          |
| Support for: Windchill Maintainability (Team Edition)   | 1          |
| Support for: Windchill Manager for AutoCad  | 1          |
| Support for: Windchill Markov (Enterprise Edition)  | 1          |
| Support for: Windchill PDMLink & ProjectLink - Heavy User License                                 | 3          |
| Support for: Windchill PDMLink & ProjectLink Light  | 2          |
| Support for: Windchill PDMLink Heavy  | 2          |
| Support for: Windchill PDMLink Light  | 1          |
| Support for: Windchill Prediction - Base Engine with Mechanical (Enterprise Edition)              | 1          |
| Support for: Windchill Prediction - Base Engine with Mechanical (Team Edition)                    | 2          |
| Support for: Windchill Prediction Standard - 217 Plus Engine (Enterprise Edition)                 | 1          |
| Support for: Windchill Prediction Standard - 217 Plus Engine (Team Edition)                       | 1          |
| Support for: Windchill Prediction Standard - Mil - HDBK - 217 Engine (Team Edition)               | 1          |
| Support for: Windchill Prediction Standard - Mil-HDBK-217 Engine (Enterprise Edition)             | 1          |
| Support for: Windchill Prediction Standard - Mil-HDBK-217 Engine (Team Edition)                   | 1          |
| Support for: Windchill Prediction Standard - PRISM Engine (Team Edition)                          | 1          |
| Support for: Windchill Prediction Standard - Telcordia Engine (Team Edition)                      | 1          |



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| Support for: Windchill RBD - Reliability Block Diagram (Enterprise Edition)  | 1          |
| Support for: Windchill RBD - Reliability Block Diagram (Team Edition)  | 1          |
| Support for: Windchill Supplier Management - User License  | 1          |
| Support for: Windchill Visualization Adapter Starter Package (no cost item)  | 1          |
| Support for: Windchill Weibull (Enterprise Edition)  | 1          |
| Support for: Windchill Workgroup Manager for Autodesk Inventor   | 1          |
| Support for: Workgroup Manager for Unigraphics   | 1          |
| ThingWorx Developer  | 1          |
| ThingWorx Frequent User  | 1          |
| Windchill Interface for Syndeaia 2.0 Software Assurance for Floating License   | 1          |
| Windchill Interface Plugin for Syndeaia 2.0  | 1          |
| Windchill JDBC Adapter   | 1          |
| Windchill MPMLink BoM Management   | 1          |
| Windchill MPMLink Process Planning   | 1          |
| Windchill PartsLink Classification and Re-use Edition - Heavy  | 2          |
| Windchill PartsLink Classification and Re-use Edition - Light  | 1          |
| Windchill PDMLink - Heavy User License   | 3          |
| Windchill PDMLink - Heavy User Support Prorated 181 days   | 1          |
| Windchill PDMLink - Light User License   | 3          |
| Windchill PDMLink & ProjectLink Heavy  | 3          |
| Windchill PDMLink & ProjectLink Light  | 4          |
| Windchill PDMLink and ProjectLink - Heavy User License   | 1          |
| Windchill PDMLink and ProjectLink - Light User License   | 1          |
| Windchill PDMLink Heavy  | 1          |
| Windchill PDMLink Light  | 1          |
| Windchill ProjectLink Heavy  | 3          |
| Windchill ProjectLink Light  | 1          |
| Windchill Supplier Management - User License   | 1          |
| Windchill Workgroup Manager for Altium   | 1          |
| Windchill Workgroup Manager for AutoCAD  | 1          |
| Windchill Workgroup Manager for Mentor Graphics  | 1          |
| <b>PTP</b>   | <b>2</b>   |
| Software LDPC and Frame SYNC License   | 1          |
| Software Silver Service per system, software maintenance with bug fixes and direct technical and operational telephone support, Monday through Friday, 8AM to 5PM EST, First Year. | 1          |
| <b>Qt</b>  | <b>3</b>   |
| License Upgrade  | 1          |
| Prepaid Support & Maintenance  | 1          |
| Qt for Application Development   | 1          |
| <b>QVIX Explosives Tracking System</b>   | <b>2</b>   |
| Explosive Safety: QVIX software  | 1          |
| Qvix Explosives Tracking System Custom Modifications   | 1          |
| <b>Red Hat</b>   | <b>134</b> |
| OpenShift Enterprise Broker Infrastructure, 1 Year   | 1          |
| OpenShift Enterprise, Standard (1-2 Sockets), 1 Year   | 1          |
| Premium Enterprise Tower 100 Nodes   | 1          |
| Red Hat Ceph Storage, Premium (Up to 256TB, 12 Physical Nodes), 1 Year   | 1          |
| Red Hat Cloud Infrastructure (without guest OS) with Smart Management, Standard (2-sockets), 1 Year  | 1          |
| Red Hat Cloud Infrastructure with Smart Management, Standard (2-sockets), 1 Year   | 1          |
| Red Hat Enterprise Linux 7 for Servers   | 1          |
| Red Hat Enterprise Linux Server  | 1          |
| Red Hat Enterprise Linux Server Entry Level, Self-support  | 2          |
| Red Hat Enterprise Linux Server Entry Level, Self-support, 1 Year. Renewal Contract 3165608 - 1 Year   | 1          |
| Red Hat Enterprise Linux Server for HPC Compute Node   | 2          |
| Red Hat Enterprise Linux Server for HPC Head Node  | 2          |
| Red Hat Enterprise Linux Server with Smart Management  | 1          |
| Red Hat Enterprise Linux Server with Smart Management, Premium (Physical or Virtual Nodes), 1 Year   | 1          |
| Red Hat Enterprise Linux Server with Smart Management, Standard  | 2          |
| Red Hat Enterprise Linux Server, Premium   | 1          |
| Red Hat Enterprise Linux Server, Premium Support   | 1          |
| Red Hat Enterprise Linux Server, Self-support  | 2          |
| Red Hat Enterprise Linux Server, Standard  | 1          |

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| Red Hat Enterprise Linux Server, Standard (Physical or Virtual Nodes), 1 Year. Renewal Contract 3165608 - 1 Year | 1         |
| Red Hat Enterprise Linux Server, Standard Support  | 25        |
| Red Hat Enterprise Linux Workstation   | 1         |
| Red Hat Enterprise Linux Workstation, Standard Support   | 1         |
| Red Hat Enterprise Linux Workstation   | 3         |
| Red Hat Enterprise Linux Workstation, Self-support   | 1         |
| Red Hat Enterprise Linux Workstation, Self-support, 1 Year. Renewal Contract 3165608 - 1 Year                    | 1         |
| Red Hat Enterprise Linux Workstation, Standard   | 1         |
| Red Hat Enterprise Virtualization  | 1         |
| Red Hat JBoss Enterprise Application Platform  | 2         |
| Red Hat Satellite  | 4         |
| Red Hat Satellite, 1 Year  | 1         |
| Renewal - High-Availability  | 1         |
| Renewal - Load Balancer  | 1         |
| Renewal - Red Hat Enterprise Linux   | 1         |
| Renewal - Red Hat Enterprise Linux for Virtual Datacenters   | 1         |
| Renewal - Red Hat Enterprise Linux for Virtual Datacenters with Smart Management                                 | 1         |
| Renewal - Red Hat Enterprise Linux for Virtual Datacenters, Standard   | 1         |
| Renewal - Red Hat Enterprise Linux Server  | 14        |
| Renewal - Red Hat Enterprise Linux Server Entry Level  | 1         |
| Renewal - Red Hat Enterprise Linux Server, Premium   | 3         |
| Renewal - Red Hat Enterprise Linux Server, Premium Support   | 1         |
| Renewal - Red Hat Enterprise Linux Server, Self support  | 1         |
| Renewal - Red Hat Enterprise Linux Server, Self-Support  | 1         |
| Renewal - Red Hat Enterprise Linux Server, Standard  | 6         |
| Renewal - Red Hat Enterprise Linux Server, Standard Support  | 12        |
| Renewal - Red Hat Enterprise Linux Workstation   | 9         |
| Renewal - Red Hat Enterprise Linux Workstation, Self-support   | 1         |
| Renewal - Red Hat Enterprise Linux Workstation, Standard   | 2         |
| Renewal - Red Hat Enterprise Linux Workstation, Standard Support   | 1         |
| Renewal - Red Hat Enterprise Virtualization  | 1         |
| Renewal - Red Hat JBoss Enterprise Application Platform  | 1         |
| Renewal - Red Hat JBoss Fuse, 16-Core Standard   | 1         |
| Renewal - Red Hat Satellite, 1 Year  | 1         |
| Renewal - Resilient Storage  | 1         |
| Renewal - Scalable File System   | 2         |
| Renewal - Scalable File System, 1 Year   | 1         |
| Renewal - Smart Management   | 1         |
| Renewal High Availability For Red Hat Enterprise Linux Server  | 1         |
| <b>Remedy</b>  | <b>72</b> |
| **BMC Service Desk- User License AddOn   | 1         |
| **BMC Service Desk-Floating User License AddOn   | 1         |
| **BMC Service Management Specialist-Floating User License AddOn  | 1         |
| 115 Racks - Licenses of Nlyte Software's   | 1         |
| 58 Racks - Licenses of Nlyte Software's  | 1         |
| BMC Asset Management- User License AddOn   | 1         |
| BMC Asset Management-Floating User License AddOn   | 1         |
| BMC Atrium Dashboards & Analytics-User License AddOn   | 1         |
| BMC Atrium Dashboards & Analytics-Floating User License AddOn  | 1         |
| BMC Atrium Dashboards and Analytics-Floating User License AddOn  | 1         |
| BMC Atrium Dashboards and Analytics-User License AddOn   | 1         |
| BMC Atrium Discovery & Dependency Mapping  | 1         |
| BMC Atrium Discovery and Dependency Mapping-License AddOn  | 1         |
| BMC BladeLogic Server Automation Suite   | 1         |
| BMC Change Management-Floating User License AddOn  | 2         |
| BMC Change Management-User License AddOn   | 1         |
| BMC Decision Support - Server Automation   | 1         |
| BMC Discovery  | 1         |
| BMC Knowledge Management- User License AddOn   | 1         |
| BMC Knowledge Management-Floating User License AddOn   | 2         |
| BMC Knowledge Management-User License AddOn  | 1         |
| BMC Mobility for IT Service Management Suite**   | 1         |
| BMC MyIT Self Service  | 1         |

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| BMC Remedy AR System Fixed 5pk Lsn  | 1         |
| BMC Remedy AR System Flt 1pk Lsn  | 2         |
| BMC Remedy AR System Flt 5pk Lsn  | 3         |
| BMC Remedy AR System Server   | 1         |
| BMC Remedy IT Service Management  | 1         |
| BMC Remedy IT Service Management Suite                                    | 4         |
| BMC Remedy IT Service Management Suite - Floating User License AddOn      | 1         |
| BMC Remedy IT Service Management Suite - User License AddOn               | 1         |
| BMC Remedy IT Service Management Suite- User License AddOn                | 1         |
| BMC Remedy IT Service Management Suite-Floating User License AddOn        | 4         |
| BMC Remedy IT Service Management Suite-User License AddOn                 | 2         |
| BMC Remedy Knowledge Management Specialist-User Add-On License            | 1         |
| BMC Remedy Service Desk   | 2         |
| BMC Remedy Service Desk & AR System Fixed 5pk Lsn                         | 2         |
| BMC Remedy Service Desk & AR System Flt 1pk Lsn                           | 1         |
| BMC Remedy Service Desk & AR System Flt 5pk Lsn                           | 2         |
| BMC Remedy Service Desk Application & AR System                           | 1         |
| BMC Remedy Service Desk Application & AR System Dev Lsn                   | 1         |
| BMC Remedy Service Innovation   | 2         |
| BMC Remedy Service Management Suite                                       | 2         |
| BMC Remedy Service Optimization   | 2         |
| BMC Self-Service - Floating User License AddOn 25pk Lsn                   | 2         |
| BMC Self-Service - Floating User License AddOn 25pk Lsn**                 | 1         |
| BMC Self-Service-Floating User License AddOn 25pk Lsn                     | 1         |
| BMC Service Desk-Floating User License AddOn                              | 2         |
| BMC Service Desk-User License AddOn                                       | 2         |
| BMC Service Management Specialist- User License AddOn                     | 1         |
| Learning Pass Credits - 50 pack   | 1         |
| <b>RiMINING</b>   | <b>1</b>  |
| RiMINING Module for Automated Registration and Mine Feature Extraction    | 1         |
| <b>RiScan</b>   | <b>2</b>  |
| RiSCAN PRO Multi-Station Adjustment Module cloud to cloud adjustment tool | 1         |
| Single user license for RiScan Pro  | 1         |
| <b>RISCS</b>  | <b>26</b> |
| AA Perp Basic Maint   | 1         |
| AA Perp Lic w/ 1 ODA  | 1         |
| Additional Production Instance  | 1         |
| Adtn'l Prod Instance Maint  | 1         |
| Audit Perp Basic Maint  | 1         |
| Audit Perp Lic w/ 1 ODA   | 1         |
| BCM Perp Basic Maint  | 1         |
| BCM Perp Lic w/ 1 ODA   | 1         |
| Compliance Perp Basic Maint   | 1         |
| Compliance Perp Lic w/ 1 ODA  | 1         |
| Continuous Monitoring Perp Basic Maint                                    | 1         |
| Continuous Monitoring Perp Lic w/ 1 ODA                                   | 1         |
| Enterprise Perp Basic Maint   | 1         |
| Enterprise Perp Lic w/ 1 ODA  | 1         |
| Incident Perp Basic Maint   | 1         |
| Incident Perp Lic w/ 1 ODA  | 1         |
| Policy Perp Basic Maint   | 1         |
| Policy Perp Lic w/ 1 ODA  | 1         |
| Risk Perp Lic w/ 1 ODA  | 1         |
| RSK Perp Basic Maint  | 1         |
| Security Operations Perp Basic Maint                                      | 1         |
| Security Operations Perp Lic w/ 1 ODA                                     | 1         |
| Threat Perp Basic Maint   | 1         |
| Threat Perp Lic w/ 1 ODA  | 1         |
| Vendor Perp Basic Maint   | 1         |
| Vendor Perp Lic w/ 1 ODA  | 1         |
| <b>Rogue Wave Jviews</b>  | <b>4</b>  |
| RW JViews Charts Desktop Deployment License                               | 1         |
| RW JViews Charts Desktop Deployment Standard Maintenance and Support New  | 1         |
| RW JViews Diagrammer Desktop Deployment License                           | 1         |

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| RW JViews Diagrammer Desktop Deployment Standard Maintenance and Support New  | 1         |
| <b>RSA</b>  | <b>32</b> |
| RSA Auth Mgr Base Mnt-Enh 1   | 1         |
| RSA Auth Mgr Ent Mnt-Enh-1  | 1         |
| RSA Authentication Manager  | 1         |
| RSA Enhanced Support Renewal for 35,000 SecurID Appliance Software Enterprise Edition   | 12        |
| RSA SecurID Authenticator   | 2         |
| RSA SecurID Authenticator S700  | 1         |
| RSA SecurID Authenticator SID700 (60 months) 10 Pack  | 1         |
| RSA SecurID Software Token Seeds (36 month) per User for qty's between 10 - 250   | 1         |
| RSA SecurID Software Token Seeds (60 month) per User for qty's between 10 - 250 ^CLIN SID820-8-60-60-A  | 1         |
| S700E 6 Digit 30Sec 36 Mo qty 255-750 ^CLIN S700E-6-30-36 qtys 255-750  | 1         |
| S700E 6 Digit 30Sec 60 Mo 25 Pack ^CLIN S700E-6-30-60 (60 months) 25 Pack   | 1         |
| S700E 6 Digit 60Sec 36 Mo qty 1505-2500 ^CLIN S700E-6-60-36 qtys 1505-2500  | 1         |
| S700E 6 Digit 60Sec 60 Mo qty 255-750   | 1         |
| S700E 6 Digit 60Sec 60 Mo qty 755-1500  | 2         |
| S700E 6 Digit 60Sec 60 Mo qty 755-1500 ^CLIN S700E-6-60-60 qtys 755-1500  | 1         |
| S700E TOKEN 6 DIGIT, 30 SEC, 3  | 2         |
| S700E TOKEN 6 DIGIT, 60 SEC   | 1         |
| SID700-6-60-60 per user qtys 2  | 1         |
| <b>SAP</b>  | <b>19</b> |
| BA&T SAP BusinessObjects BI Suite   | 1         |
| mySAP.com Category 1 User   | 1         |
| SAP BA&T SAP BusinessObjects BI Suite User  | 1         |
| SAP Business Suite Business Expert Upgrade User   | 1         |
| SAP Business Suite Professional User  | 3         |
| SAP BusinessObjects BI Suite  | 1         |
| SAP BusinessObjects Enterprise Maintenance & Support  | 1         |
| SAP Enterprise Maintenance and Support  | 1         |
| SAP Extended Procurement  | 1         |
| SAP Extended Procurement, Public Sector and Regulated Ind. Ext.   | 1         |
| SAP HANA Limited Runtime edition for Applications – HANA Apps Only (15%)  | 1         |
| SAP HANA, Runtime edition for Applications & SAP BW – Install Base  | 1         |
| SAP HANA, Runtime edition for Applications & SAP BW - New/Sub.  | 1         |
| SAP Secure Enterprise Maintenance & Support   | 3         |
| SAP Single Sign-On (6999 Users)   | 1         |
| <b>SciDB</b>  | <b>1</b>  |
| SciDB Enterprise Edition  | 1         |
| <b>Secunia</b>  | <b>1</b>  |
| Secunia Corporate Software Inspector Edition  | 1         |
| <b>ServiceNow</b>   | <b>5</b>  |
| Service Management Suite with CreateNow Development Suite   | 1         |
| ServiceNow Instance - Government Data Center (Monthly)  | 1         |
| ServiceNow Service Management Suite With CreateNow - Fulfiller User (Monthly)   | 1         |
| ServiceNow® Service Management Suite With CreateNow - Fulfiller User (Monthly) ServiceNow Start Date: 06/16/2016 End Date: 12/15/2016. Price noted is monthly pricing. Prorate for 6 months of 100 licenses | 1         |
| SNCSERVCREATEUNCreateNow - Unrestricted User (Monthly) Start Date: 06/16/2016 End Date: 12/15/2016 Price noted is monthly pricing for 2,000 licenses for 6 months.  | 1         |
| <b>Siemens</b>  | <b>79</b> |
| 10 Months Saratech Maintenance Bundle on FEMAP with NX Nastran  | 1         |
| 11 Months Saratech Maintenance Bundle on NX Nastran Advanced Nonlinear Solver Bundle-ME&S   | 1         |
| 12 Months Saratech Maintenance Bundle on ABAQUS Data Translator   | 2         |
| 12 Months Saratech Maintenance Bundle on Analysis Export Creo FL  | 1         |
| 12 Months Saratech Maintenance Bundle on ANSYS Data Translator  | 1         |
| 12 Months Saratech Maintenance Bundle on Assembly Set   | 1         |
| 12 Months Saratech Maintenance Bundle on Core Master Modeler  | 2         |
| 12 Months Saratech Maintenance Bundle on Direct NX to VERICUT Geometry Interface  | 1         |
| 12 Months Saratech Maintenance Bundle on Documentation Creo FL  | 1         |
| 12 Months Saratech Maintenance Bundle on FEMAP with NX Nastran  | 1         |
| 12 Months Saratech Maintenance Bundle on Fiber Placement Des/Mfg Creo FL  | 1         |
| 12 Months Saratech Maintenance Bundle on Fibersim Pro Creo FL   | 1         |
| 12 Months Saratech Maintenance Bundle on Flat Pattern Export Creo FL  | 1         |

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| 12 Months Saratech Maintenance Bundle on I-deas MasterFEM (Bundle)                           | 2         |
| 12 Months Saratech Maintenance Bundle on Laminate Composites                                 | 2         |
| 12 Months Saratech Maintenance Bundle on Laser Projection Int Creo FL                        | 1         |
| 12 Months Saratech Maintenance Bundle on Learning Advantage NX Membership CAST               | 2         |
| 12 Months Saratech Maintenance Bundle on NASTRAN Data Translator                             | 3         |
| 12 Months Saratech Maintenance Bundle on NX Advanced Designer Bundle                         | 1         |
| 12 Months Saratech Maintenance Bundle on NX License Borrow Option                            | 1         |
| 12 Months Saratech Maintenance Bundle on NX Manufacturing Bundle                             | 1         |
| 12 Months Saratech Maintenance Bundle on NX Nastran Desktop Advanced Nonlinear Solver        | 1         |
| 12 Months Saratech Maintenance Bundle on NX Nastran Desktop Bundle                           | 3         |
| 12 Months Saratech Maintenance Bundle on NX Open C and C++ Runtime                           | 1         |
| 12 Months Saratech Maintenance Bundle on NX Open GRIP Runtime                                | 1         |
| 12 Months Saratech Maintenance Bundle on NX Post Builder                                     | 1         |
| 12 Months Saratech Maintenance Bundle on NX POSTPROCESSOR MODULE (GPM)                       | 1         |
| 12 Months Saratech Maintenance Bundle on NX S/W and Doc Media Site Set - Windows             | 1         |
| 12 Months Saratech Maintenance Bundle on NX S/W Media Site Set - Windows                     | 1         |
| 12 Months Saratech Maintenance Bundle on NX Software and Doc Media Site Set Silicon Graphics | 1         |
| 12 Months Saratech Maintenance Bundle on Surfacing Set                                       | 3         |
| 12 Months Siemens PLM Basic Maintenance on Assembly Set                                      | 1         |
| 12 Months Siemens PLM Basic Maintenance on Core Master Modeler                               | 1         |
| 12 Months Siemens PLM Basic Maintenance on I-deas MasterFEM (Bundle)                         | 1         |
| 12 Months Siemens PLM Basic Maintenance on Master Drafting                                   | 1         |
| 12 Months Siemens PLM Basic Maintenance on NX Nastran Desktop                                | 1         |
| 12 Months Siemens PLM Basic Maintenance on ProENGINEER Solids Data Translator                | 1         |
| 12 Months Siemens PLM Basic Maintenance on STEP Data Translator                              | 1         |
| ABAQUS Environment - Maintenance   | 1         |
| FEMAP (Floating) - Maintenance   | 1         |
| I-deas MasterFEM (Bundle)  | 1         |
| Learning Advantage Corporate NX Membership (ASP) Online - Ma                                 | 1         |
| Master Drafting - Maintenance  | 1         |
| Mechanism Design - Maintenance   | 1         |
| NASTRAN Data Translator - Maintenance  | 1         |
| NX Advanced FEM - Maintenance  | 1         |
| NX Advanced Flow Simulation - Maintenance  | 1         |
| NX Advanced Fluid Modeling Grandfather - Maintenance   | 1         |
| NX Advanced Thermal Simulation - Maintenance   | 1         |
| NX FE Model Correlation - Maintenance  | 1         |
| NX Flow Simulation - Maintenance   | 1         |
| NX Laminate Composites - Maintenance   | 1         |
| NX License Borrow Option - Maintenance   | 1         |
| NX LS-Dyna Environment - Maintenance   | 1         |
| NX Mach 2 Advanced FEM - Maintenance   | 1         |
| NX Motion Flexible Body - Maintenance  | 1         |
| NX Motion Simulation-RecurDyn - Maintenance  | 1         |
| NX Nastran Advanced Nonlinear Solver - Maintenance   | 1         |
| NX Nastran Advanced Nonlinear Solver Bundle - Maintenance                                    | 1         |
| NX Nastran Basic - Maintenance   | 1         |
| NX Nastran Dynamic Response - Maintenance  | 1         |
| NX Response Simulation - Maintenance   | 1         |
| NX Space Systems Thermal Simulation - Maintenance  | 1         |
| NX Thermal Simulation - Maintenance  | 1         |
| NX Thermal/Flow DMP - Maintenance  | 1         |
| Reinstatement of licenses that expired Advanced FEM - Maintenance                            | 1         |
| Response Analysis - Maintenance  | 1         |
| STEP Data Translator - Maintenance   | 1         |
| <b>SIMULIA Abaqus</b>  | <b>11</b> |
| Maintenance for: SIMULIA Abaqus Extended Tokens-Token  | 1         |
| Maintenance for: SIMULIA Abaqus/CAE Extended-Shareable                                       | 1         |
| Maintenance for: SIMULIA Abaqus/Viewer-Shareable   | 1         |
| SIMULIA Abaqus Extended Tokens   | 2         |
| SIMULIA Abaqus Extended Tokens** TRUSTED PRODUCT **  | 1         |
| SIMULIA Abaqus/CAE Extended  | 1         |

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| SIMULIA Abaqus/CAE Extended** TRUSTED PRODUCT **   | 1         |
| Subscription License for: SIMULIA Abaqus/CAE Geometry translator for Parasolid-Shareable | 1         |
| Subscription License for: SIMULIA Abaqus/Viewer-Shareable                                | 1         |
| Subscription License for: SIMULIA Composites Modeler for Abaqus/CAE 2013.0917-Shareable  | 1         |
| <b>SolidWorks</b>  | <b>73</b> |
| SoildWorks Premium Subscription Service Renewal  | 1         |
| SoildWorks Simulation Premium Subscription Service Renewal                               | 1         |
| SOLIDWORKS 20XX Media Kit - 1 Pack   | 2         |
| SOLIDWORKS FLOW SIMULATION 2016  | 1         |
| SOLIDWORKS FLOW SIMULATION STANDALONE SERVICE RENEWAL                                    | 1         |
| SOLIDWORKS Flow Simulation Standalone Service Renewal - 1 Month                          | 2         |
| SOLIDWORKS Network License   | 1         |
| SOLIDWORKS Office Subs. Service Renewal - 1 Year   | 1         |
| SOLIDWORKS OFFICE SUBS.SERVICE RENEWAL   | 1         |
| SOLIDWORKS PREMIUM 2016  | 1         |
| SOLIDWORKS PREMIUM NETWORK   | 2         |
| SOLIDWORKS PREMIUM SUBS SERVICE RENEWAL  | 1         |
| SOLIDWORKS PREMIUM SUBS. SERVICE INITIAL - 1 YEAR  | 1         |
| SOLIDWORKS Premium Subs. Service Renewal   | 1         |
| SOLIDWORKS Premium Subs. Service Renewal - 1 Month                                       | 2         |
| SOLIDWORKS Premium Subs. Service Renewal - 1 Year  | 4         |
| SOLIDWORKS PREMIUM SUBS. SERVICE RENEWAL - 5 MONTHS                                      | 1         |
| SOLIDWORKS Premium Subscription Service Renewal  | 1         |
| SOLIDWORKS Premium W/ SolidWorks Simulation Professional Subscription Service Renewal    | 2         |
| SOLIDWORKS PROFESSIONAL 2016 NETWORK   | 1         |
| SOLIDWORKS Professional Subs. Service Renewal  | 3         |
| SOLIDWORKS Professional Subs. Service Renewal - 1 Month                                  | 4         |
| SOLIDWORKS Professional Subs. Service Renewal - 1 Year                                   | 7         |
| SOLIDWORKS PROFESSIONAL SUBS. SERVICE RENEWAL - 11 MONTHS                                | 1         |
| SOLIDWORKS Professional Subscription Service Renewal                                     | 1         |
| SOLIDWORKS Simulation Premium Service Renewal - 1 Year                                   | 1         |
| SOLIDWORKS SIMULATION PREMIUM SERVICE RENEWAL - 11 MONTHS                                | 1         |
| SOLIDWORKS Simulation Professional Service Renewal - 1 Month                             | 1         |
| SOLIDWORKS Simulation Professional Service Renewal                                       | 3         |
| SOLIDWORKS Simulation Professional Service Renewal - 1 Year                              | 2         |
| SolidWorks Solidworks Maintenance New Expiry Date 28 Feb 2017                            | 1         |
| SOLIDWORKS Standard 2016   | 2         |
| SOLIDWORKS STANDARD NETWORK  | 1         |
| SOLIDWORKS Subs. Service Initial   | 1         |
| SOLIDWORKS Subs. Service Initial - 1 Year  | 2         |
| SOLIDWORKS Subs. Service Initial -1year  | 1         |
| SOLIDWORKS SUBS. SERVICE RENEWAL   | 1         |
| SOLIDWORKS Subs. Service Renewal - 1 Month   | 2         |
| SOLIDWORKS Subs. Service Renewal - 1 Year  | 2         |
| SOLIDWORKS Subscription Service Renewal  | 1         |
| SolidWorks WGM   | 2         |
| UG NX WGM  | 1         |
| <b>SpaceClaim</b>  | <b>3</b>  |
| 3DX100-FLOAT-SS-R Data Exchange Package I-FLT-SS   | 1         |
| 3DX200-FLOAT-SS-R - Data Exchange Package II-FLT-SS                                      | 1         |
| SCFLOAT-SS-R SC Engineer w/ Floating Capability SS                                       | 1         |
| <b>SpaceDesign</b>   | <b>1</b>  |
| Thermal Synthesizer System (TSS) v13/v14   | 1         |
| <b>SpatialAnlayzer</b>   | <b>1</b>  |
| SpatialAnlayzer Ultimate Software Maintenance Agreement (SMA)                            | 1         |
| <b>Spectrum</b>  | <b>1</b>  |
| 959 Spectrum-U100 : 959 Software Maintenance & Support Plan                              | 1         |
| <b>Splunk</b>  | <b>6</b>  |
| Splunk Enterprise - Enterprise Support Renewal   | 5         |
| Splunk Enterprise Support Renewal. Existing License                                      | 1         |
| <b>Squish</b>  | <b>1</b>  |

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| 12 Month Support & Updates Subscription for Squish for Java Named User Tester License  | 1         |
| <b>Star CCM+</b>   | <b>2</b>  |
| Star-CCM+ (#1101.2) Lease LAN 1 Year   | 1         |
| Star-HPC (#1401.2) Lease LAN 1 Year  | 1         |
| <b>STK</b>   | <b>3</b>  |
| **STK Astrogator - Workgroup Package: Additional Year Subscription access for 3 concurrent users   | 1         |
| **STK SatPro - Workgroup Package: Additional Year Subscription access for 3 concurrent users   | 1         |
| **STK Systems Bundle - Workgroup Package: Additional Year Subscription access for 3 concurrent users   | 1         |
| <b>Surfcam</b>   | <b>1</b>  |
| Surfcam Traditional Maintenance New Expiry Date 28 Feb 2017  | 1         |
| <b>Symantec</b>  | <b>2</b>  |
| Renewal for Backup Executive Agent   | 1         |
| Renewal for Backup Executive Server  | 1         |
| <b>SysAid</b>  | <b>1</b>  |
| SysAid (On-Premise, Annual) ITSM includes:SysAid (On-Premise, Annual) ITSM 100 Administrators Unlimited( ) End Users 250 Assets Advanced Reporting Tasks & Projects CMDB ITIL Package SLA Management 1 Remote Control Gateway channel 1 My Desktop channel | 1         |
| <b>Tecplot</b>   | <b>10</b> |
| Tecplot 360 Software Maintenance Service Perpetual Network Single Facility   | 1         |
| Tecplot 360 Software Maintenance Service Perpetual Network Single Facility. License: L04780  | 1         |
| Tecplot 360 Software Maintenance Service Perpetual Single User. License: L14180  | 1         |
| Tecplot 360 Software Maintenance Service Perpetual Single User. License: L17363  | 1         |
| Tecplot 360 Software Maintenance Service Perpetual Single User. License: L17629  | 1         |
| Tecplot 360 Software Maintenance Service Perpetual Single User. License: L30289  | 1         |
| Tecplot 360 Software Maintenance Service Perpetual Single User. License: L30391  | 1         |
| Tecplot 360 Software Maintenance Service Perpetual Single User. License: L30393  | 1         |
| Tecplot 360 Software Maintenance Service Perpetual Single User. License: L30394  | 1         |
| Tecplot Chorus-SMS-Perpetual-NS. License: C50103   | 1         |
| <b>Tibco</b>   | <b>17</b> |
| NOT SEPARATELY PRICED CONTRACT. OPTION YEAR 2  | 1         |
| Silver Maintenance - TIBCO Active Matrix BusinessWorks Developer Named User  | 1         |
| Silver Maintenance - TIBCO Active Matrix BusinessWorks Non Production Processor  | 1         |
| Silver Maintenance - TIBCO Active Matrix BusinessWorks Production Processor  | 1         |
| Silver Maintenance - TIBCO Active Matrix Policy Agent - Non Production Managed Endpoint  | 1         |
| Silver Maintenance - TIBCO Active Matrix Policy Agent Production Managed Endpoint  | 1         |
| Silver Maintenance - TIBCO Active Matrix Policy Manager Non Production Processor   | 1         |
| Silver Maintenance - TIBCO Active Matrix Policy Manager Production Processor   | 1         |
| Silver Maintenance - TIBCO Adapter SDK Developer Named User  | 1         |
| Silver Maintenance - TIBCO Enterprise Message Service - Non Production Processor   | 1         |
| Silver Maintenance - TIBCO Enterprise Message Service - Production Processor   | 1         |
| Silver Maintenance - TIBCO Enterprise Message Service Developer Named User   | 1         |
| Silver Maintenance - TIBCO General Interface Builder Developer Named User  | 1         |
| Silver Maintenance - TIBCO General Interface Framework Non Production Connected Processor  | 1         |
| Silver Maintenance - TIBCO General Interface Framework Production Connected Processor  | 1         |
| Silver Maintenance - TIBCO Hawk Non Production License Processor   | 1         |
| Silver Maintenance - TIBCO Hawk Production License Processor   | 1         |
| <b>Trend Micro</b>   | <b>2</b>  |
| Deep Security Compliance Pack (AV, FIM, LI, DPI/FW) - per Server (VM) - Renewal  | 1         |
| Trend Micro Enterprise Security for Endpoints (previously "Advanced") - Renewal/Maintenance License  | 1         |
| <b>Vericut</b>   | <b>28</b> |
| AUTO-DIFF  | 3         |
| CATIA V5 Interface   | 1         |
| CREO Model Interface   | 1         |
| Knife Trimming Paths   | 1         |
| Laser Projection   | 2         |
| Machine Simulation   | 3         |
| MasterCAM Interface (MCV)  | 1         |
| Multi-Axis   | 3         |
| OptiPath   | 1         |
| SolidWorks Model Interface   | 1         |
| STEP Model Interface   | 2         |
| VCP Single Platform (VCPsp)  | 4         |
| VCS Single Platform (VCPsp)  | 1         |
| VCS Single Platform (VCSsp)  | 1         |

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| VERICUT Verification   | 3          |
| <b>VG Studio Max</b>   | <b>4</b>   |
| VGStudio MAX 3.0 add-on module: Foam Structure Analysis (to be delivered later).   | 1          |
| VGStudio MAX 3.0 add-on module: Nominal/Actual Comparison (requires Coordinate Measurement). Requires product number PA430wX.                        | 1          |
| VGStudio MAX 3.0 add-on module: Transport Phenomena.   | 1          |
| VGStudio MAX 3.0 add-on module: Wall Thickness Analysis.   | 1          |
| <b>VMWare</b>  | <b>136</b> |
| Production Support/Subscription Vmware vCenter Server 6 Standard for vSphere 6   | 1          |
| Production Support/Subscription Vmware vSphere 6 with Operations Management Enterprise Plus  | 1          |
| Production Support/Subscription VMware vCenter Server 6 Standard for vSphere 6   | 2          |
| Production Support/Subscription VMware vSphere 6 with Operations Management Enterprise   | 1          |
| TPP L1 U.S. Federal  | 2          |
| TPP L1 U.S. Federal Upgrade  | 1          |
| TPP L1 U.S. Federal VMware vSphere 6 Standard for 1 processor  | 1          |
| TPP L3 U.S. Federal VMware vCenter Server 6 Standard for vSphere 6   | 1          |
| TPP L3 U.S. Federal VMware vSphere 6 with Operations Management Enterprise Plus  | 1          |
| U.S. Federal Basic Support/Subscription  | 18         |
| U.S. Federal Basic Support/Subscription VMware Advanced Acceleration Kit for 6 processors for 1 Year VMware Inc. - VS4-ADV-AK-G-SSS-F                | 1          |
| U.S. Federal Basic Support/Subscription VMware Infrastructure Acceleration Kit for 8 processors for 1 Year VMware Inc. - VI-AK-G-SSS-F               | 1          |
| U.S. Federal Basic Support/Subscription Vmware Infrastructure Foundation Acceleration Kit for 1 Year VMware Inc. - VI-FND-AK-G-SSS-F                 | 1          |
| U.S. Federal Basic Support/Subscription VMware vCenter Server 6 Standard for vSphere 6   | 2          |
| U.S. Federal Basic Support/Subscription VMware vSphere 6 Enterprise  | 1          |
| U.S. Federal Basic Support/Subscription VMware vSphere 6 Enterprise for 1 processor for 1 year VMware Inc. - VS6-ENT-G-SSS-F                         | 1          |
| U.S. Federal Basic Support/Subscription VMware vSphere 6 Enterprise Plus for 1 processor   | 1          |
| U.S. Federal Basic Support/Subscription VMware vSphere 6 with Operations Management Standard   | 2          |
| U.S. Federal Basic Support/Subscription VMware vSphere 6 Standard  | 1          |
| U.S. Federal Production Supp/Subs VMware vSphere 6 with Operations Management Enterprise Plus  | 1          |
| U.S. Federal Production Support/Subscription   | 48         |
| U.S. Federal Production Support/Subscription VMware Infrastructure Acceleration Kit  | 1          |
| U.S. Federal Production Support/Subscription VMware vCenter Server 6 Foundation for vSphere  | 1          |
| U.S. Federal Production Support/Subscription VMware vCenter Server 6 Standard  | 3          |
| U.S. Federal Production Support/Subscription Vmware vCenter Server 6 Standard for vSphere 6  | 2          |
| U.S. Federal Production Support/Subscription VMware vCenter Server 6 Standard for vSphere 6 (Per Instance) for 1 year VMware Inc. - VCS6-STD-P-SSS-F | 3          |
| U.S. Federal Production Support/Subscription VMware vSphere 6 Enterprise   | 5          |
| U.S. Federal Production Support/Subscription VMware vSphere 6 Enterprise for 1 processor for 1 year  | 1          |
| U.S. Federal Production Support/Subscription VMware vSphere 6 Enterprise for 1 processor for 1 year VMware Inc. - VS6-ENT-P-SSS-F                    | 3          |
| U.S. Federal Production Support/Subscription VMware vSphere 6 Enterprise Plus  | 5          |
| U.S. Federal Production Support/Subscription VMware vSphere 6 Enterprise Plus for 1 processor for 1 year VMware Inc. - VS6-EPL-P-SSS-F               | 1          |
| U.S. Federal Production Support/Subscription VMware vSphere 6 Standard for 1 processor for 1 year VMware Inc. - VS6-STD-P-SSS-F                      | 7          |
| U.S. Federal Production Support/Subscription VMware vSphere 6 with Operations Management Plus  | 1          |
| U.S. Federal Production Support/Subscription VMware vCenter Server 6 Standard for vSphere 6  | 1          |
| U.S. Federal Production Support/Subscription VMware vCenter Server 6 Foundation for vSphere  | 1          |
| U.S. Federal Subscription only for Vmware vSphere 5 Essentials Kit for 1 year VMware Inc. - VS5-ESSL-SUB-F   | 1          |
| U.S. Federal Subscription only for Vmware vSphere 6 Essentials Kit for 1 year VMware Inc. - VS6-ESSL-SUB-F   | 1          |
| U.S. Federal Subscription only for Vmware vSphere Essentials Bundle for 1 year VMware Inc. - VS4-ESSL-SUB-F  | 1          |
| U.S. Federal VMware vSphere 6 Enterprise for 1 processor   | 1          |
| U.S. Federal VMware vSphere 6 Standard for 1 processor   | 1          |
| U.S. Federal VMware Workspace  | 1          |



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| U.S. Federal VMware Workstation Basic Support/Subscription  | 1           |
| Upgrade: VMware vSphere 6 Enterprise Plus to vSphere with Operations Management Enterprise Plus   | 1           |
| Xsuite For VMware-TL  | 1           |
| <b>VxWorks</b>  | <b>1</b>    |
| Custom Ported VxWorks Version of TEAMS-RT for use with TEAMS-RT licenses  | 1           |
| <b>WaveMatrix</b>   | <b>6</b>    |
| Half-day (4hrs.) installation of hardware / software.   | 1           |
| Instron Model 8801RC0150  | 1           |
| V8 Console Update   | 1           |
| WaveMatrix Calculation Module   | 1           |
| WaveMatrix Dynamic Testing Software Update for installed Instron 8800 systems with WaveMatrix   | 1           |
| Zone 4 (76 - 150 Miles) For Tensile Service.  | 1           |
| <b>Wind River</b>   | <b>11</b>   |
| ACCUREV MAINTENANCE CONTRACTS AS LISTED BELOW POP AWARD DATE UNTIL 8/30/2017  | 1           |
| Enterprise Support & Maintenance, Perpetual   | 1           |
| Enterprise Support & Maintenance, Perpetual Floating  | 1           |
| Enterprise Support & Subscription   | 1           |
| NETSPARKER Professional Renewal 1 year  | 2           |
| Support & Maintenance E-Support   | 2           |
| Support & Maintenance E-Support Wind River Diab Compiler 5.9.2, Perpetual, Floating POP 9/10/2016-9/9/2017 539-178389 Enterprise Support - Included | 1           |
| Wind River General Purpose Platform VxWorks Edition 6.9   | 1           |
| Wind River Workbench for VXWorks 6.9 Perpetual Floating   | 1           |
| <b>Xceedium</b>   | <b>5</b>    |
| CA Privileged Access Manager for vCenter Management Console with FIPS 10pack Business User. CONTRACT #: 40236708                                    | 1           |
| CA Privileged Access Manager Virtual Appliance with FIPS Annual Maintenance. CONTRACT #: 40236708   | 1           |
| CA Privileged Access Manager Virtual Appliance with FIPS Annual Maintenance. CONTRACT #: 40239785   | 1           |
| CA Privileged Access Manager with FIPS Annual Maintenance. CONTRACT #: 40236708   | 1           |
| CA Privileged App to App Manager with FIPS Annual Maintenance. CONTRACT #: 40236708   | 1           |
| <b>Xerox</b>  | <b>2</b>    |
| NASA Ames Research Center Support Renewal for Xerox DocuShare   | 1           |
| Xerox DocuShare Support Renewal Months. Standard Server License 150 DS CALs. Email Agent. Incremental Server  | 1           |
| <b>X-WIN32</b>  | <b>11</b>   |
| X-WIN32   | 11          |
| <b>Zemax</b>  | <b>8</b>    |
| OpticStudio-Premium Current Supp  | 1           |
| OpticStudio-Professional Current Supp   | 1           |
| OpticStudio-Professional Expired Supp+2   | 1           |
| OpticStudio-Professional-NET  | 1           |
| OpticStudio-Standard Current Supp   | 2           |
| OpticStudio-Standard-SUL  | 1           |
| OpticStudio-Upgrade Standard to Professional  | 1           |
| <b>Grand Total</b>  | <b>8524</b> |