



STATEWIDE IT ASSET INVENTORY AND MANAGEMENT

***2010 IT Asset Inventory Report
V 2.3***

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Document Control

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02/09/11	.1	Original Draft	Harpster
02/15/11	.2	Completed All Hardware Summary Charts and added Software Summary Charts	Harpster
02/16/11	.3	Added Summary Chart for Agencies (Hardware)Added Summary Chart for Agencies (Software); Lightly Modified Various Narrative	Harpster
03/10/11	.4	Hardware Table Updates	Harpster/Younk
03/14/11	.5	Hardware Table Updates	Harpster
03/17/11	.6	Software Table Update/Hardware Table Update. Updated Per Agency Summaries for Hardware and Office Productivity.	Harpster
03/21/11	1.0	Added ESRI Software; updated narrative; prepared document for review	Harpster
03/22/11	1.1	Added ESRI Software narrative; light update to other narrative.	Endrulat/Harpster
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06/21/11	2.1	Table updates; count updates	Harpster
06/24/11	2.1	Table updates; count updates	Harpster
06/29/11	2.2	Final updates; final review;	Harpster
06/29/11	2.3	Final review; Report published	Harpster

INTRODUCTION

The Statewide Information Technology Asset Inventory & Management (ITAM) Policy ([#107-044-010](#)) became effective on September 8, 2008. The policy requires agencies to establish IT Asset Management programs and procedures to track the acquisition, deployment, management, and disposition of all IT assets under their control. Further, the policy requires agencies to collect and report information about their IT assets to the Department of Administrative Services (DAS) Enterprise Information Strategy and Policy Division (EISPD) according to a published submission schedule. The policy and subsequent collection and reporting of IT asset information helps agencies and DAS fulfill their shared obligations under ORS 184.473 – 184.477 – IT Portfolio Management.

This 2010 Statewide IT Asset Inventory Report provides a summary of the more detailed agency IT asset inventory submitted to DAS EISPD during September, October, and November 2010. This report is refreshed on an annual basis. A draft of this report was distributed for review to agency ITAM coordinators on May 18, 2011. Several content areas were updated based on feedback and comments received during the months of May and June 2011.

BACKGROUND and APPROACH

The [Statewide ITAM Policy - Mandatory Attributes Table](#) identified a specific list of asset types and attributes that agencies were required to track and report to DAS EISPD. The mandatory asset types to be reported on were: Personal Computer (PC), Printer/Plotter, Network Devices (Routers, switches, etc), Mainframe, Controllers, Storage Devices, and Servers. The mandatory attributes to be reported about those asset types were: Agency ID, Asset Tag #, Serial Number, Type, SubType, Manufacturer, Model, and Purchase Date. A series of optional asset attributes were also identified to be reported on a voluntary basis. A detailed document describing these attributes can be found at: http://www.oregon.gov/DAS/EISPD/ITIP/docs/ITAM_Inventory_Definition_Document.pdf

Several agencies submitted information to DAS EISPD on assets beyond the required list of mandatory asset types such as: phones, PDAs, peripheral devices, monitors and other devices. That information is also summarized in this report.

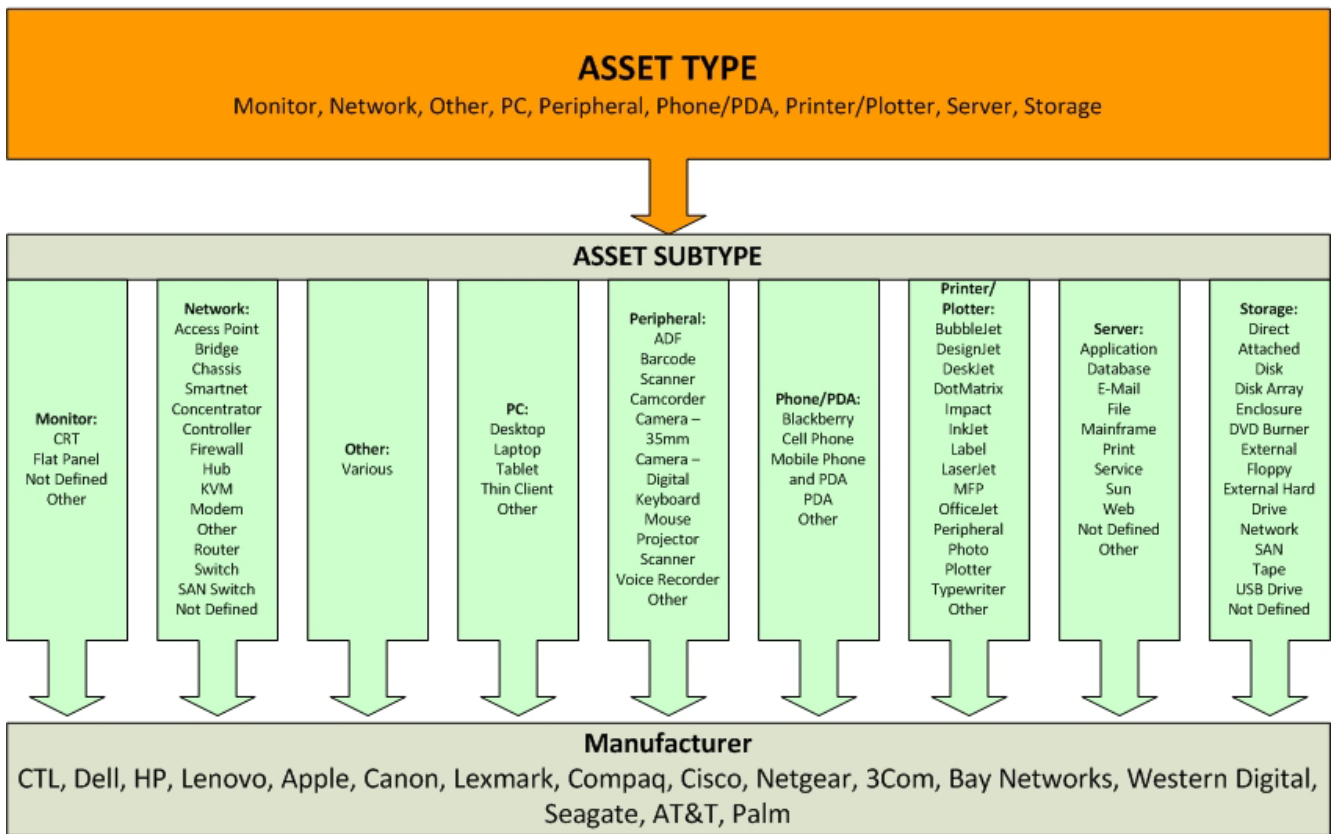
The asset information received was categorized into nine “parent” asset types: PC, Server, Network, Printer/Plotter, Monitor, Storage, Peripheral, Phone/PDA, and Other.

Each of the nine parent categories were further distilled into subtypes. PC assets, for example, were assigned the following subtypes: Desktop, Laptop, Tablet, Thin Client, and Other. The type/subtype relationship for all parent asset types is described in Figure 1 below.

New for the 2010 report is the reporting of software assets. Furthermore, the software asset information received were assigned the following “parent” asset types: Browsers, Office Productivity, Operating Systems, Business Intelligence, Security, Enhanced Office Productivity, Infrastructure, Other. Moreover, the software assets were assigned sub-types as described in [Figure 2](#).

Figure 1 – Type/Subtype Relationship (Hardware)

ITAM Type/ SubType Relationship

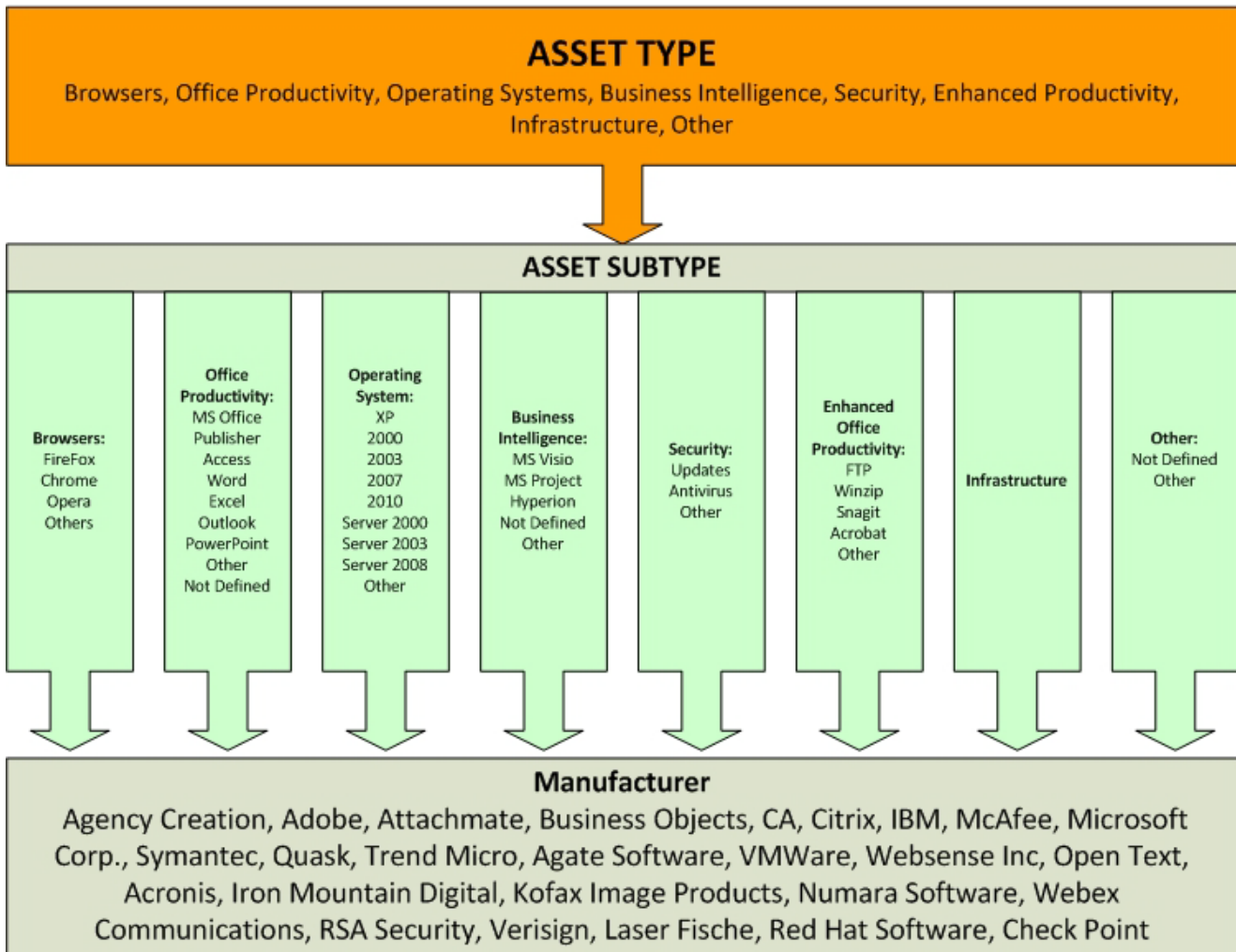


DAS EISPD imported the information submitted by state agencies into a database and due to a wide variation in field entry, normalized the data to ensure integrity and consistency in the summary reporting that follows. Many reported asset “Types” were summarized into a larger “Other” category. Similarly, many asset “SubTypes” were summarized into common categories. A summary of this normalization process can be found as an appendix to this report.

Note: In general, if EISPD was able to determine the type or subtype based on data in any other field (such as description) the asset record was modified to reflect the normalized data. In some cases, there was no “Type” reported; other data showed a “Type” in a “SubType” field; in either case, the data was modified to reflect an appropriate Type/SubType relationship.

Figure 2 – Type/Subtype Relationship (Software)

ITAM Software Type/SubType Relationship



Type, SubType, Manufacturer
Relationship
03-21-11
Stacie Younk

DAS EISPD imported the information submitted by state agencies into a database and due to a wide variation in field entry – normalized the data to ensure integrity and consistency in the summary reporting that follows. Many reported asset “Types” were summarized into a larger “Other” category. Similarly, many asset “SubTypes” were summarized into common categories. A summary of this normalization process can be found as an appendix to this report.

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SUMMARY of FINDINGS

IT Hardware/IT Software & Software License Compliance

DAS EISPD received IT Asset Inventory Reports from 61 agencies, of those agencies 23 agencies show GIS Software Inventories (as reported by DAS), 52 agencies reported on IT Software, and 57 agencies reported Software License Compliance.

Hardware Assets

The assets reports contained herein should be considered at multiple levels.

Level 1: Summarizes the statewide asset information to a very high level; no subtype information
[\(Contained in this report\)](#)

Level 2: Displays summary asset type information by Agency
[\(Contained in this report\)](#)

Level 3: Displays both the statewide asset type and subtype information; no manufacturer information (The full level 3 report is available upon request)

Level 4: Displays statewide asset type, subtype, manufacturer information
[\(Contained in this report for the PC Type\)](#). The full level 4 report is available upon request)

Level 5: Displays asset type, subtype, manufacturer, and model by Agency
(The full level 5 report is a report of considerable size. It is available upon request)

Software Assets

The assets reports contained herein should be considered at multiple levels.

Level 1: Summarizes the statewide asset information to a very high level; no subtype information
[\(Contained in this report\)](#)

Level 2: Displays summary asset type information by Agency (Office Productivity Only)
[\(Contained in this report\)](#)

Level 3: Displays both the statewide asset type and subtype information; no manufacturer information (The full level 3 report is available upon request)

Level 4: Displays statewide asset type, subtype, manufacturer information
[\(Contained in this report for the Office Productivity and Operating Systems Only\)](#) The full level 4 report is available upon request)

Level 5: Displays asset type, subtype, manufacturer, and model by Agency
(The full level 5 report is a report of considerable size. It is available upon request)

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This figure shows all the reported State IT assets in aggregate.

Table 1 – Device Summary – Level 1 (June 21, 2011)

<u>Asset Type</u>	<u>Total Assets</u>
<u>Monitor</u>	<u>11,253</u>
<u>Network</u>	<u>8,083</u>
<u>Other</u>	<u>27</u>
<u>PC</u>	<u>48,774¹</u>
<u>Peripheral</u>	<u>1,341</u>
<u>Phone/PDA</u>	<u>481</u>
<u>Printer/Plotter</u>	<u>7,018</u>
<u>Server</u>	<u>3,391²</u>
<u>Storage</u>	<u>390</u>

Table 2 – Software Summary – Level 1 (June 28, 2011)

<u>Asset Type</u>	<u>Total Assets</u>
<u>Browsers</u>	<u>1,203</u>
<u>Business Intelligence</u>	<u>12,101</u>
<u>Development</u>	<u>10,226</u>
<u>Enhanced Office Productivity</u>	<u>31,526</u>
<u>Infrastructure</u>	<u>7,233</u>
<u>Office Productivity</u>	<u>31,526</u>
<u>Operating System</u>	<u>24,842</u>
<u>Other</u>	<u>749,039</u>
<u>Security</u>	<u>244,157</u>
<u>Virtual</u>	<u>302</u>

1: This number represents all reported PC assets - PC/Desktop, PC/Laptop and other asset subtypes including: PC/tablet, PC/thin client, PC/other and PC asset information submitted with no discernable subtype. That is why the number presented above is greater than the sum of PC/Desktop and PC/Laptop presented in the following charts.

2: This number includes the one (1) active Mainframe system.

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Statewide PC Asset Analysis

Figure 3 – Asset Type: PC – All Subtypes by Manufacturer – Level 4 (Updated June 21, 2011)

Note: Figure 2 includes all PC inventory including Desktop, Laptop, and Thin Client systems.

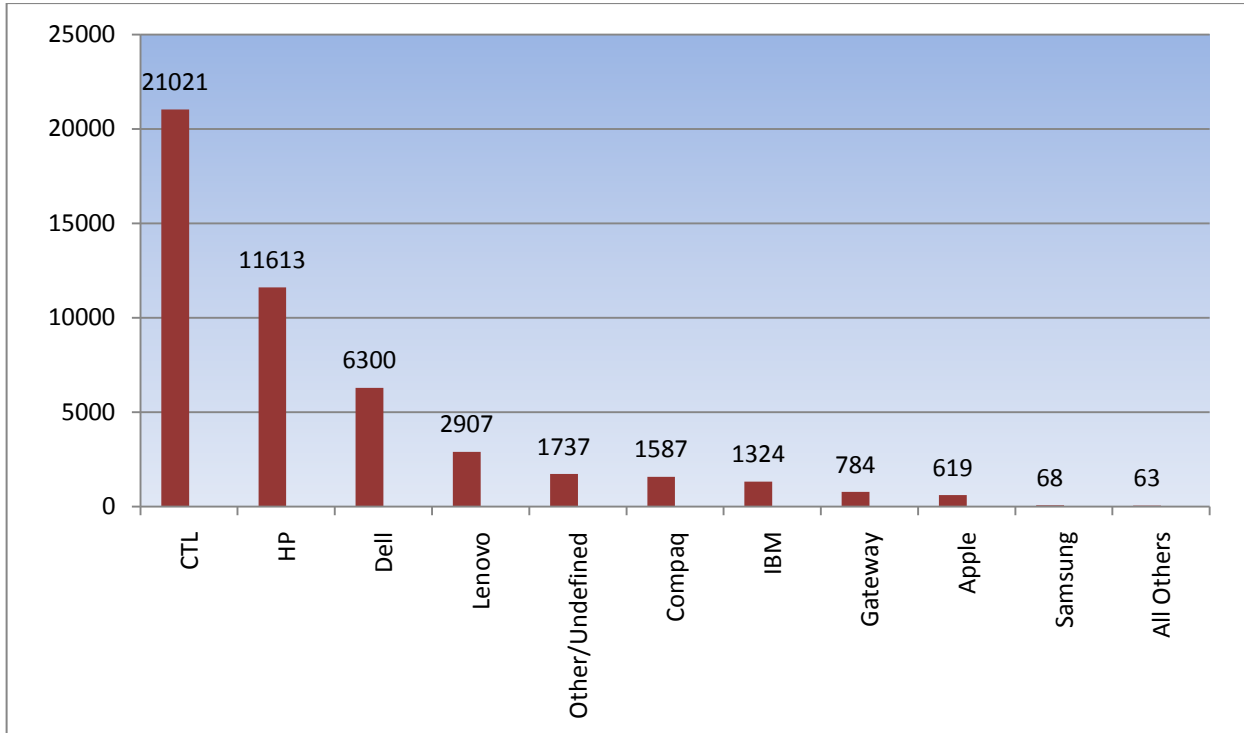


Table 3 – Asset Type: PC – All Subtypes by Manufacturer – Level 4 (Updated June 21, 2011)

Manufacturer	Number of Assets	% of Total
CTL	21021	43.8%
HP	11613	24.2%
Dell	6300	13.1%
Lenovo	2907	6.1%
Other/Undefined	1737	3.6%
Compaq	1587	3.3%
IBM	1324	2.8%
Gateway	784	1.6%
Apple	619	1.3%
Samsung	68	0.1%
All Others	63	0.1%
Totals	48023	100.0%

1: "Other/Undefined¹" means the Manufacturer field within submitted inventory reports was left blank and/or the manufacturer could not be determined by another field. ¹

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Figure 4 – Asset Type: PC – Desktop – Level 4 (Updated June 21, 2011)

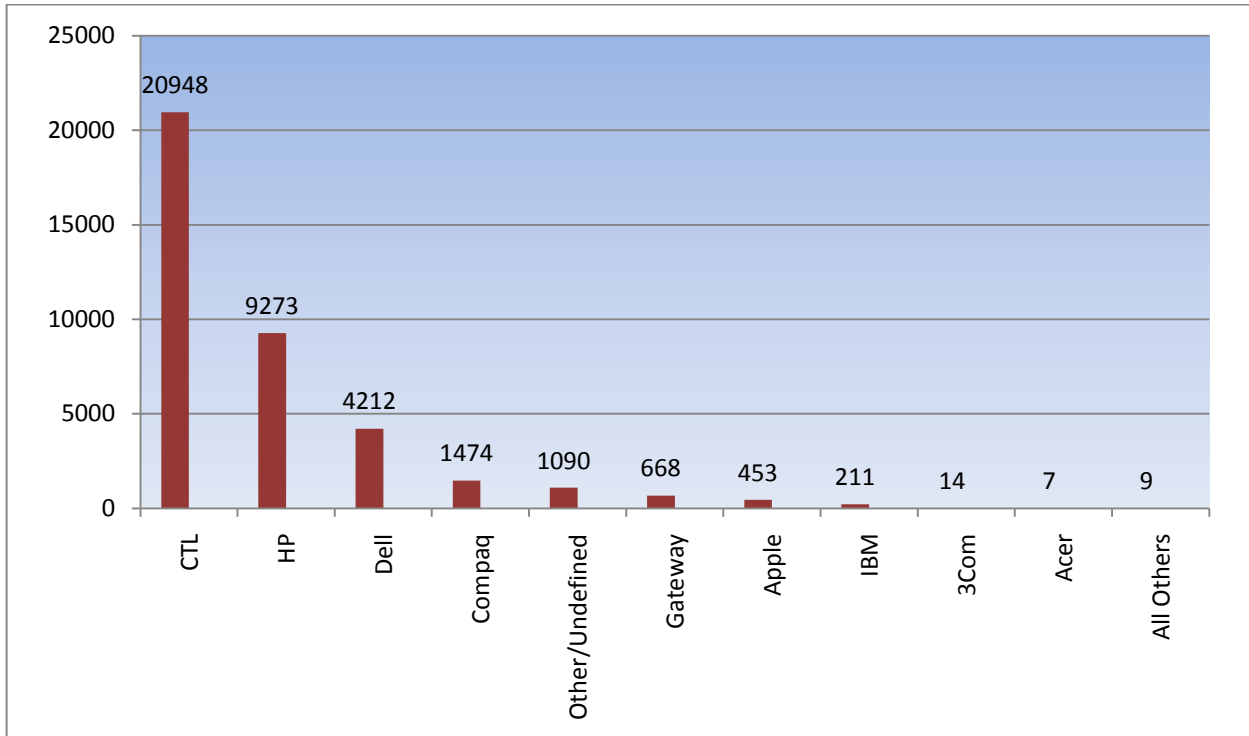


Table 4 – Asset Type: PC – Desktop – Level 4 (Updated June 21, 2011)

Manufacturer	Number of Assets	% of Total
CTL	20948	54.6%
HP	9273	24.2%
Dell	4212	11.0%
Compaq	1474	3.8%
Other/Undefined	1090	2.8%
Gateway	668	1.7%
Apple	453	1.2%
IBM	211	0.6%
3Com	14	0.0%
Acer	7	0.0%
All Others	9	0.0%
Totals	38359	100.0%

1: "Other/Undefined" means the Manufacturer field within submitted reports was left blank and/or the manufacturer could not be determined by another field.

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Figure 5 – Asset Type: PC – Laptop – Level 4 (Updated June 21, 2011)

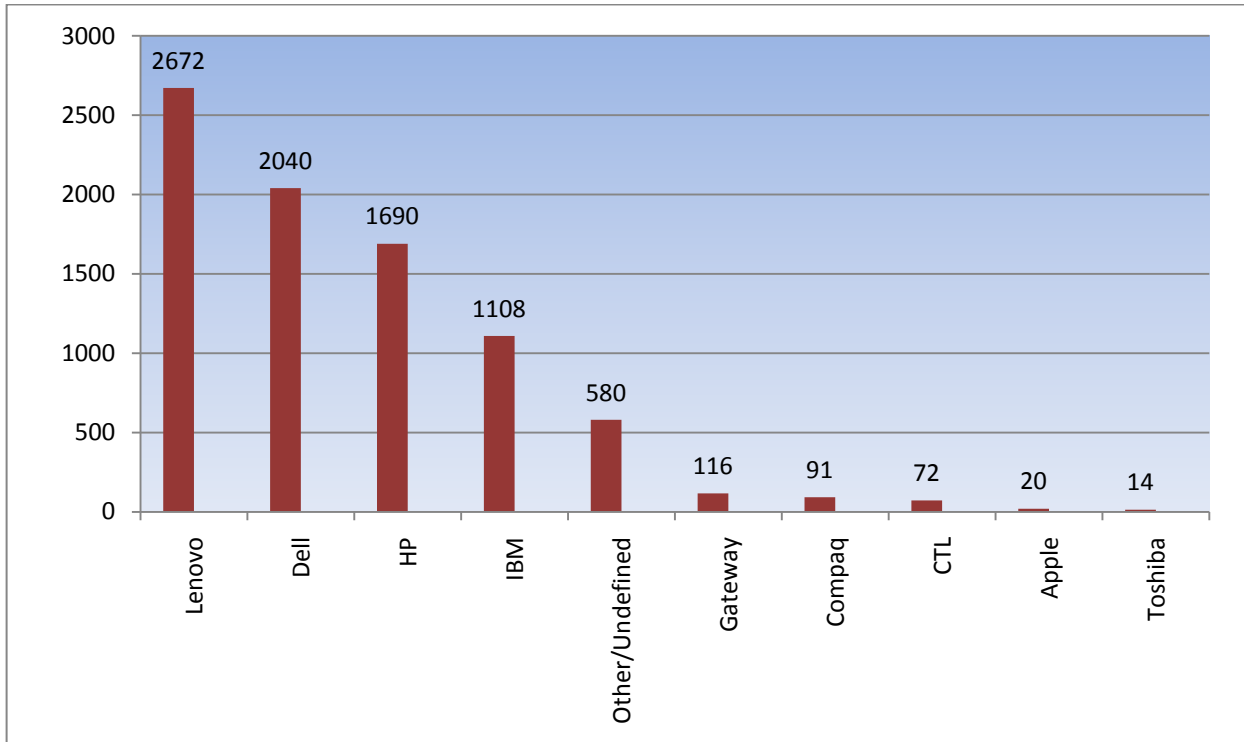


Table 5 – Asset Type: PC – Laptop – Level 4 (Updated June 21, 2011)

Manufacturer	Number of Assets	% of Total
Lenovo	2672	31.8%
Dell	2040	24.3%
HP	1690	20.1%
IBM	1108	13.2%
Other/Undefined	580	6.9%
Gateway	116	1.4%
Compaq	91	1.1%
CTL	72	0.9%
Apple	20	0.2%
Toshiba	14	0.2%
Totals	8403	100.0%

1: “Other/Undefined” means the Manufacturer field within submitted reports was left blank and/or the manufacturer could not be determined by another field.

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Figure 6 – Asset Type: Office Productivity – Level 4 (Updated June 24, 2011)

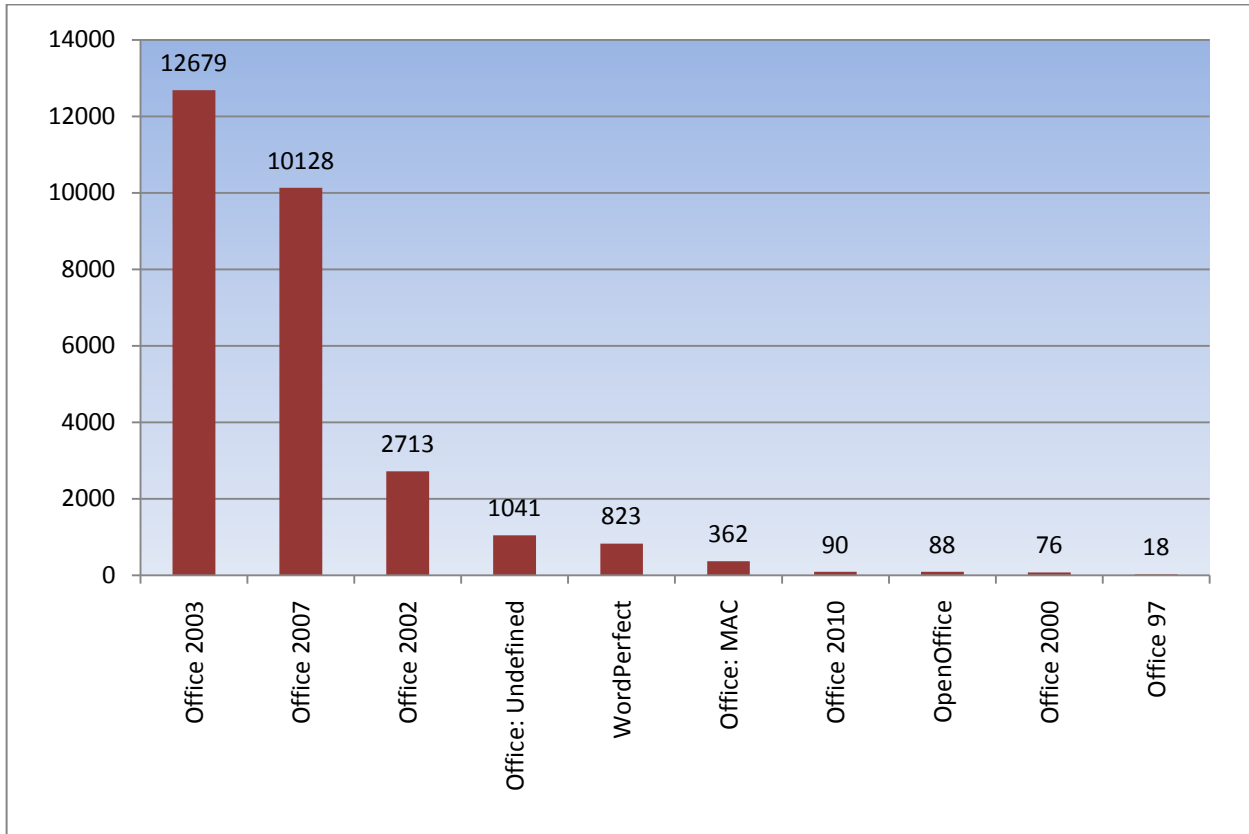


Table 6 – Asset Type: Office Productivity – Level 4 (Updated June 24, 2011)

Office Version	Number of Assets	% of Total
Office 2003	12679	45.3%
Office 2007	10128	36.1%
Office 2002	2713	9.7%
Office: Undefined	1041	3.7%
WordPerfect	823	2.9%
Office: MAC	362	1.3%
Office 2010	90	0.3%
OpenOffice	88	0.3%
Office 2000	76	0.3%
Office 97	18	0.1%
Totals	28018	100.0%

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Figure 7 – Asset Type: Desktop Operating Systems (Reported)–Level 4 (Updated June 24, 2011)



Table 7 – Asset Type: Desktop Operating Systems – Level 4 (Updated June 24, 2011)

Desktop Operating System*	Number of Assets	% of Total
Windows XP	20133	97.2%
Windows Vista	274	1.3%
Windows 7	210	1.0%
Windows 2000	89	0.4%
All Others	11	0.1%
Totals	20717	100.0%

*Any reference to “Windows” is a Microsoft Product.

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SUMMARY by AGENCY

Table 8 – Hardware Asset Summary By Type, By Agency – Level 2 (Updated June 24, 2011)

The following asset type and asset count information is provided by Agency in alphabetical order.

Agency Name/Asset Name	Asset Count Total/Asset Count By Type
Accountancy, Board of	13
Network	1
PC	7
Printer/Plotter	5
Administrative Services, Dept. of	9331
Network	5802
PC	1342
Server	2187
Agriculture, Dept. of	1440
Network	195
PC	464
Peripheral	577
Printer/Plotter	136
Server	65
Software	3
Aviation, Dept. of	106
Monitor	25
PC	53
Peripheral	1
Phone/PDA	14
Printer/Plotter	12
Server	1
Blind Commission	141
Network	20
PC	91
Printer/Plotter	14
Server	16
Clinical Social Workers, Board of	26
Monitor	7
PC	7
Peripheral	4
Printer/Plotter	6
Server	2

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Columbia River Gorge Commission	6
Monitor	1
PC	1
Peripheral	3
Printer/Plotter	1
Community Colleges & Workforce Development, Dept. of	155
Monitor	1
Network	19
PC	84
Peripheral	3
Phone/PDA	1
Printer/Plotter	17
Server	15
Storage	15
Construction Contractors Board	367
Network	15
PC	233
Peripheral	1
Phone/PDA	3
Printer/Plotter	89
Server	26
Consumer and Business Services, Dept. of	3669
Monitor	1289
Network	6
PC	1692
Peripheral	42
Phone/PDA	275
Printer/Plotter	312
Server	10
Storage	43
Corrections, Dept. of	10219
Monitor	3112
PC	5166
Printer/Plotter	1941
Economic & Community Development Dept. of	78
PC	78
Education, Dept. of	989
PC	960
Server	29

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Employment Department	6660
Monitor	3271
PC	2925
Phone/PDA	52
Printer/Plotter	410
Server	2
Employment Relations Board	61
Monitor	23
Network	1
Other	1
PC	21
Peripheral	7
Printer/Plotter	4
Server	4
Energy, Dept. of	289
Network	16
PC	220
Printer/Plotter	36
Server	10
Storage	7
Environmental Quality, Dept. of	2598
Monitor	714
Network	181
PC	1188
Printer/Plotter	214
Server	123
Storage	178
Fish & Wildlife, Dept. of	1372
Network	88
PC	1018
Printer/Plotter	232
Server	34
Forestry, Dept. of	1065
PC	825
Peripheral	11
Phone/PDA	16
Printer/Plotter	199
Server	13
Storage	1

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Geology & Mineral Industries, Dept. of	126
Network	5
PC	101
Printer/Plotter	3
Server	17
Governor, Office of the	77
PC	77
Housing & Community Services Dept.	432
Monitor	187
PC	224
Printer/Plotter	21
Human Services, Dept. of	16263
PC	14977
Peripheral	2
Printer/Plotter	1225
Server	59
Justice, Dept. of	2235
Monitor	2
Network	161
PC	1791
Peripheral	8
Phone/PDA	21
Printer/Plotter	145
Server	97
Storage	10
Labor & Industries, Bureau of	369
Monitor	138
Network	12
Other	5
PC	161
Phone/PDA	1
Printer/Plotter	40
Server	6
Storage	6
Land Conservation & Development, Dept of	295
Monitor	126
Network	40
PC	106
Server	14
Storage	9

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Land Use Board of Appeals	21
Monitor	8
PC	8
Peripheral	1
Printer/Plotter	2
Storage	2
Lands, Dept. of State	319
Monitor	127
Network	15
PC	126
Peripheral	8
Phone/PDA	7
Printer/Plotter	27
Storage	9
Military Department, Oregon	437
Network	53
PC	326
Printer/Plotter	17
Server	39
Storage	2
Nursing, Board of	169
Monitor	54
Network	8
PC	72
Peripheral	3
Printer/Plotter	19
Server	9
Storage	4
Oregon Board of Dentistry	60
Monitor	9
Network	1
Other	2
PC	21
Peripheral	10
Phone/PDA	1
Printer/Plotter	14
Server	2
Oregon Board of Examiners for Speech-Language Pathology & Audiology	5
PC	3
Printer/Plotter	2

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Oregon Board of Examiners of Licensed Dietitians	2
PC	1
Printer/Plotter	1
Oregon Board of Radiologic Technology	9
Network	2
PC	3
Printer/Plotter	4
Oregon Forest Resources Institute	20
Monitor	14
PC	6
Oregon Government Ethics Commission	12
PC	11
Printer/Plotter	1
Oregon Health Licensing Agency	49
PC	49
Oregon Liquor Control Commission	977
Monitor	399
Network	94
PC	312
Printer/Plotter	121
Server	41
Storage	10
Oregon Medical Board	217
Monitor	17
Network	9
Other	9
PC	107
Peripheral	33
Phone/PDA	1
Printer/Plotter	20
Server	18
Storage	3
Oregon Mortuary and Cemetery Board	17
Monitor	6
Network	2
PC	5
Printer/Plotter	3
Server	1
Oregon Occupational Therapy Licensing Board	2
PC	1
Printer/Plotter	1

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Oregon Youth Authority	1517
Network	110
PC	1156
Printer/Plotter	162
Server	89
Parks & Recreation Department	1356
Network	214
PC	801
Peripheral	35
Printer/Plotter	273
Server	30
Storage	3
Pharmacy, Board of	48
Network	5
PC	34
Server	3
Storage	6
Physical Therapists Licensing Board	9
PC	4
Printer/Plotter	4
Server	1
Police, Dept of State	2404
PC	1684
Peripheral	115
Printer/Plotter	568
Server	33
Storage	4
Psychologist Examiners, State Board of	13
Network	1
PC	7
Printer/Plotter	5
Public Employees Retirement System	1870
Monitor	862
Network	41
PC	742
Printer/Plotter	61
Server	133
Storage	31

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Public Safety Standards & Training, Dept. of	1014
Monitor	261
Network	62
Other	4
PC	260
Peripheral	172
Phone/PDA	84
Printer/Plotter	119
Server	21
Storage	31
Public Utility Commission	526
Monitor	208
Network	45
PC	184
Printer/Plotter	68
Server	21
Racing Commission, Oregon	31
Network	7
PC	17
Peripheral	1
Printer/Plotter	3
Server	3
Real Estate Agency	248
Monitor	75
Network	19
Other	6
PC	83
Peripheral	14
Phone/PDA	1
Printer/Plotter	31
Server	14
Storage	5
Revenue, Dept. of	1563
PC	1337
Peripheral	19
Printer/Plotter	207

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Secretary of State	1137
Monitor	317
Network	64
PC	447
Peripheral	63
Phone/PDA	4
Printer/Plotter	109
Server	122
Storage	11
State Library	105
PC	74
Printer/Plotter	15
Server	16
Tax Practitioners, State Board of	6
PC	6
Transportation, Dept. of	7573
Network	766
PC	6557
Peripheral	208
Server	42
Veterans' Affairs, Dept. of	249
PC	188
Printer/Plotter	57
Server	4
Water Resources Department	318
Network	1
PC	267
Printer/Plotter	32
Server	18
Watershed Enhancement Board, Oregon	58
Network	1
PC	53
Printer/Plotter	10
Server	1

*Oregon Advocacy Commission PC Hardware Data is reflected in the DAS PC Hardware Data

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Table 9 – Software (Desktop Productivity) Asset Summary By Type, By Agency – Level 2 (Updated June 24, 2011)

The following asset type and asset count information is provided by Agency in alphabetical order.

Agency Name/Asset Name	Asset Count Total/Asset Count By Type
Administrative Services, Dept. of	191
Office 2000	8
Office 2002	2
Office 2003	41
Office 2007	121
Office 2010	5
WordPerfect	14
Agriculture, Dept. of	377
Office 2002	4
Office 2003	8
Office 2007	7
Office 2010	1
Office: MAC	357
Columbia River Gorge Commission	31
Office 2007	30
WordPerfect	1
Community Colleges & Workforce Development, Dept. of	63
Office 2003	59
Office 2007	3
OpenOffice	1
Construction Contractors Board	2
Office 2002	2
Corrections, Dept. of	2950
Office 2002	805
Office 2003	1942
Office 2007	203
Economic & Community Development Dept. of	164
Office 2007	163
Office: MAC	1
Education, Dept. of	527
Office 2003	3
Office 2007	445
Office 2010	2
Office: Undefined	20
OpenOffice	56
Employment Department	2989
Office 2002	2231
Office 2003	539
Office 2007	197
Office 2010	22
Employment Relations Board	17
WordPerfect	17

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Energy, Dept. of	199
Office 2003	64
Office 2007	135
Environmental Quality, Dept. of	7
Office 2003	5
Office 2007	2
Fish & Wildlife, Dept. of	2987
Office 2000	18
Office 2002	3
Office 2003	2859
Office 2007	87
Office 97	4
WordPerfect	16
Forestry, Dept. of	1746
Office 2000	4
Office 2002	3
Office 2003	951
Office 2007	733
Office 2010	1
Office 97	6
OpenOffice	44
WordPerfect	4
Geology & Mineral Industries, Dept. of	173
Office 2003	17
Office 2007	156
Governor, Office of the	70
Office 2003	70
Housing & Community Services Dept.	480
Office 2002	225
Office 2003	17
Office 2007	1
Office: MAC	1
Office: Undefined	236
Human Services, Dept. of	5400
Office 2003	2469
Office 2007	2926
Office 2010	1
Office: MAC	3
WordPerfect	1
Justice, Dept. of	816
Office 2000	25
Office 2002	1
Office 2003	43
Office 2007	54
Office 2010	33
OpenOffice	2
WordPerfect	658
Labor & Industries, Bureau of	33
Office: Undefined	33

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Land Conservation & Development, Dept of	94
Office 2003	92
OpenOffice	2
Lands, Dept. of State	1820
Office 2000	1
Office 2002	1094
Office 2003	176
Office 2007	543
OpenOffice	6
Military Department, Oregon	410
Office 2000	8
Office 2003	183
Office 2007	82
Office: Undefined	51
OpenOffice	11
WordPerfect	75
Nursing, Board of	55
Office 2003	6
Office 2007	49
Oregon Advocacy Commissions Office	3
Office 2003	3
Oregon Board of Examiners for Speech-Language Pathology & Audiology	3
Office 2003	2
Office 2007	1
Oregon Board of Examiners of Licensed Dietitians	3
Office 2003	2
Office 2007	1
Oregon Forest Resources Institute	77
Office 2007	77
Oregon Government Ethics Commission	8
Office 2003	8
Oregon Health Licensing Agency	40
Office 2003	40
Oregon Liquor Control Commission	287
Office 2002	215
Office 2003	5
Office: Undefined	67
Oregon Medical Board	49
Office 2007	48
WordPerfect	1
Oregon Mortuary and Cemetery Board	6
Office 2002	6
Oregon Occupational Therapy Licensing Board	1
Office 2003	1
Oregon Youth Authority	1108
Office 2000	7
Office 2002	31
Office 2003	11
Office 2007	1059

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Parks & Recreation Department	446
Office: Undefined	446
Pharmacy, Board of	23
Office 2003	23
Physical Therapists Licensing Board	4
Office 2003	4
Police, Dept of State	1378
Office 2003	1378
Psychologist Examiners, State Board of	5
Office 2003	5
Public Employees Retirement System	521
Office 2000	2
Office 2003	464
Office 2007	33
Office 2010	20
OpenOffice	2
Public Utility Commission	8
Office 97	8
Racing Commission, Oregon	19
Office 2003	19
Real Estate Agency	5
Office 2003	3
Office: Undefined	2
Revenue, Dept. of	1204
Office 2003	1078
Office 2007	120
OpenOffice	6
State Library	110
Office 2003	44
Office 2007	64
WordPerfect	2
Tax Practitioners, State Board of	5
Office 2003	5
Transportation, Dept. of	37
Office 2003	32
Office 2007	5
Veterans' Affairs, Dept. of	4
Office 2000	3
Office 2010	1
Water Resources Department	184
Office 2003	139
OpenOffice	7
WordPerfect	38
Watershed Enhancement Board, Oregon	56
Office 2003	22
Office 2007	29
Office 2010	5

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APPENDIX

Table 10 – Statewide ESRI Software

During the past two decades in Oregon, Esri geographical information systems (GIS) software, tools, and data structures have guided the technical infrastructure and computing environments used to capture, store, analyze and present geographic location data. The Esri brand has emerged as the *de facto* standard for GIS software, as a result DAS created Oregon Administrative Rule 125-600-7550 to formally establish the Esri suite of GIS software applications as the state’s enterprise GIS Software standard. In 2009, on behalf of the State of Oregon, DAS signed an enterprise license agreement (ELA) with Esri in order to streamline the maintenance and support of existing GIS software, as well as the procurement of additional software and services. Currently, DAS EISPD Geospatial Enterprise Office (GEO) manages the ELA for the State of Oregon, including processing and tracking requests for new software licenses.

The data table below contains a summary of the Esri software licenses deployed to eligible state agencies as reported by the Geospatial Enterprise Office’s ESRI License tracking database in December, 2010.

Agency Name/Asset Name	Asset Count Total/Count By Type
Dept. of Agriculture (ODA)	49
ArcGIS 3D Analyst CU	2
ArcGIS Maplex CU	8
ArcGIS Publisher CU	2
ArcGIS Spatial Analyst CU	4
ArcInfo CU	6
ArcView CU	23
ArcView SU	4
Dept. of Consumer and Business Services	2
ArcView SU	2
Dept. of Economic & Community Development (OECDD)	2
ArcView SU	2
Dept. of Energy	2
ArcInfo CU	1
ArcView SU	1

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Dept. of Environmental Quality (DEQ)	194
Annual License for ESRI Developer Network (EDN) without ArcView	1
ArcGIS 3D Analyst CU	2
ArcGIS 3D Analyst SU	1
ArcGIS Geostatistical Analyst CU	2
ArcGIS Network Analyst CU	2
ArcGIS Publisher CU	6
ArcGIS Server Enterprise Basic (up to four cores)	1
ArcGIS Server Enterprise Standard (up to four cores)	3
ArcGIS Spatial Analyst CU	11
ArcGIS Spatial Analyst SU	41
ArcGIS Survey Analyst CU	2
ArcIMS 9.3 Full Use Deployment (up to two cores)	1
ArcInfo CU	11
ArcPad Application Builder SU	1
ArcPad SU	2
ArcView CU	7
ArcView SU	96
Bing (Virtual Earth) Maps	3
PLTS Map Production System-Atlas	1
Dept. of Fish and Wildlife (ODFW)	259
ArcEditor SU	1
ArcGIS 3D Analyst CU	8
ArcGIS 3D Analyst SU	3
ArcGIS Hardware Key (USB)	1
ArcGIS Network Analyst CU	2
ArcGIS Network Analyst SU	1
ArcGIS Server Enterprise Basic (up to four cores)	1
ArcGIS Server Enterprise Standard (up to four cores)	1
ArcGIS Spatial Analyst CU	19
ArcGIS Spatial Analyst SU	15
ArcIMS 9.3 Full Use Deployment (up to two cores)	1
ArcInfo CU	20
ArcView CU	44
ArcView SU	139
PLTS GIS Data ReViewer	2
PLTS Map Production System-Atlas	1
Dept. of Forestry (ODF)	159
ArcEditor CU	9
ArcEditor SU	1
ArcGIS 3D Analyst CU	8
ArcGIS 3D Analyst SU	1
ArcGIS Network Analyst SU	1
ArcGIS Publisher CU	5
ArcGIS Publisher SU	1
ArcGIS Spatial Analyst CU	20
ArcGIS Spatial Analyst SU	1
ArcInfo CU	20
ArcView CU	84
ArcView SU	5
Bing (Virtual Earth) Maps	3

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Dept. of Geology and Mineral Industries (DOGAMI)	125
ArcEditor CU	1
ArcEditor SU	3
ArcGIS 3D Analyst CU	14
ArcGIS 3D Analyst SU	15
ArcGIS Data Interoperability CU	2
ArcGIS Publisher CU	2
ArcGIS Server Enterprise Advanced (up to four cores)	2
ArcGIS Spatial Analyst CU	20
ArcGIS Spatial Analyst SU	15
ArcInfo CU	18
ArcView CU	19
ArcView SU	14
Dept. of Human Services/OR Health Administration (DHS/ODA)	139
Annual License for ESRI Developer Network (EDN) without ArcView	4
ArcEditor SU	1
ArcGIS 3D Analyst CU	5
ArcGIS 3D Analyst SU	3
ArcGIS Data Interoperability CU	1
ArcGIS Geostatistical Analyst CU	10
ArcGIS Geostatistical Analyst SU	3
ArcGIS Hardware Key (USB)	2
ArcGIS Network Analyst CU	10
ArcGIS Network Analyst SU	5
ArcGIS Publisher CU	5
ArcGIS Server Enterprise Standard (up to four cores)	1
ArcGIS Spatial Analyst CU	16
ArcGIS Spatial Analyst SU	7
ArcInfo CU	2
ArcView CU	38
ArcView SU	26
Dept. of Land Conservation & Development (DLCD)	56
ArcEditor CU	4
ArcEditor SU	1
ArcGIS 3D Analyst CU	4
ArcGIS 3D Analyst SU	2
ArcGIS ArcScan CU	1
ArcGIS Server Enterprise Advanced (up to four cores)	1
ArcGIS Spatial Analyst CU	3
ArcGIS Spatial Analyst SU	6
ArcInfo CU	8
ArcView CU	12
ArcView SU	14

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Dept. of Parks & Recreation (OPRD)	86
ArcEditor CU	6
ArcGIS 3D Analyst CU	10
ArcGIS Publisher CU	3
ArcGIS Server Enterprise Basic (up to four cores)	2
ArcGIS Server Enterprise Standard (up to four cores)	2
ArcGIS Spatial Analyst CU	5
ArcGIS Survey Analyst CU	1
ArcIMS 9.3 Full Use Deployment (up to two cores)	1
ArcInfo CU	6
ArcPad SU	1
ArcView CU	24
ArcView SU	8
Job Tracking for ArcGIS (JTX) CU	1
PLTS Foundation	1
PLTS GIS Data ReViewer	1
PLTS Map Production System-Atlas	1
Production Mapping Extension CU	1
Upgrade from ArcEditor to ArcInfo	12
Dept. of Revenue (DOR)	46
ArcEditor CU	5
ArcGIS Publisher CU	2
ArcGIS Server Enterprise Basic (up to four cores)	2
ArcGIS Server Enterprise Standard (up to four cores)	1
ArcGIS Survey Analyst CU	2
ArcGIS VBA Extension	15
ArcInfo CU	14
ArcView CU	5
Dept. of State Lands (DSL)	73
ArcGIS 3D Analyst CU	4
ArcGIS 3D Analyst SU	1
ArcGIS Hardware Key (USB)	2
ArcGIS Server Enterprise Standard (up to four cores)	1
ArcGIS Spatial Analyst CU	5
ArcGIS Survey Analyst CU	2
ArcIMS 9.3 Full Use Deployment (up to two cores)	1
ArcInfo CU	7
ArcPad Application Builder SU	1
ArcPad SU	1
ArcView CU	14
ArcView SU	25
Bing (Virtual Earth) Maps	9

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Dept. of Transportation (ODOT)	265
Annual License for ESRI Developer Network (EDN) without ArcView	11
ArcEditor CU	31
ArcEditor SU	5
ArcGIS 3D Analyst CU	3
ArcGIS Data Interoperability CU	1
ArcGIS Engine Runtime Enterprise (GDB) Update Ext.	1
ArcGIS Image Server (up to four cores)	2
ArcGIS Maplex CU	10
ArcGIS Network Analyst CU	2
ArcGIS Publisher CU	2
ArcGIS Server Enterprise Advanced (up to four cores)	11
ArcGIS Server Enterprise Basic (up to four cores)	3
ArcGIS Server Enterprise Standard (up to four cores)	4
ArcGIS Spatial Analyst CU	5
ArcIMS 9.3 Full Use Deployment (up to two cores)	10
ArcIMS 9.3 Full Use Deployment Staging Server (up to two cores)	1
ArcInfo CU	16
ArcPad 5.x/6.x Upgrade to 7.x	27
ArcPad Application Builder SU	1
ArcPad SU	20
ArcView CU	32
ArcView SU	59
PLTS Foundation	5
PLTS GIS Data ReViewer	1
PLTS Map Production System-Atlas	1
PLTS Mapping Agency Solution	1
Dept. of Water Resources (OWRD)	61
Annual License for ESRI Developer Network (EDN) without ArcView	1
ArcGIS 3D Analyst CU	2
ArcGIS Server Workgroup Standard (up to two cores)	3
ArcGIS Spatial Analyst CU	8
ArcGIS VBA Extension	10
ArcInfo CU	20
ArcPad SU	3
Job Tracking for ArcGIS (JTX) CU	1
PLTS Foundation	4
PLTS GIS Data ReViewer	1
PLTS Map Production System-Atlas	4
Production Mapping Extension CU	4

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Geospatial Enterprise Office (GEO)	36
Annual License for ESRI Developer Network (EDN) without ArcView	1
ArcEditor SU	2
ArcGIS 3D Analyst CU	2
ArcGIS Data Interoperability CU	1
ArcGIS Maplex CU	1
ArcGIS Network Analyst CU	2
ArcGIS Publisher CU	2
ArcGIS Server Enterprise Advanced (up to four cores)	1
ArcGIS Server Enterprise Basic (up to four cores)	1
ArcGIS Server Enterprise Standard (up to four cores)	2
ArcGIS Server Staging Server Standard Enterprise Data Interoperability Ext. (up to four cores)	1
ArcGIS Spatial Analyst CU	4
ArcGIS VBA Extension	1
ArcInfo CU	8
ArcView SU	2
Bing (Virtual Earth) Maps	5
Office of Emergency Management (OEM)	6
ArcGIS Publisher CU	1
ArcInfo CU	1
ArcView SU	2
Upgrade from ArcView SU to ArcEditor	2
Oregon Employment Department (OED)	23
Annual License for ESRI Developer Network (EDN) without ArcView	2
ArcEditor SU	2
ArcGIS Geostatistical Analyst SU	2
ArcGIS Network Analyst CU	2
ArcGIS Network Analyst SU	2
ArcGIS Server Workgroup Standard (up to two cores)	3
ArcGIS Spatial Analyst CU	2
ArcGIS Spatial Analyst SU	2
ArcInfo CU	2
ArcView CU	2
ArcView SU	2
Oregon Housing and Community Services (OHCS)	1
ArcView SU	1
Oregon Liquor Control Commission (OLCC)	6
ArcGIS Spatial Analyst CU	1
ArcGIS Spatial Analyst SU	1
ArcView SU	4
Oregon Public Utility Commission (OPUC)	2
ArcView SU	1
Bing (Virtual Earth) Maps	1
Oregon Secretary of State	2
ArcGIS Server Workgroup Standard (up to two cores)	1
ArcView SU	1
Oregon Watershed Enhancement Board (OWEB)	5
ArcPad SU	1
ArcView SU	4

*The above table will overlap with some of the software counts under Table 2. This is because the software reports submitted by agencies do include the software packages tracked separately by DAS EISPD.

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Table 11 – ITAM Coordinators and ITAM Reporting Status

EISPD requested a representative from each Agency to act as a correspondent for ITAM activities. The following table shows the point of contact for each of the reporting agencies as well as their status with regard to hardware reporting, software reporting and software compliance. Finally, the status of the Exception Requests are noted for each agency as well.

Agency Name	Agency ID	ITAM Coordinator Name	ITAM Report (Hardware)	ITAM Report (Software)	Software Compliance Statement	Exception Request
Accountancy, State Board of	107085	Patrick Hearn	Received	Not Received	Not Received	None
Administrative Services, Dept. of	10700	Shawn Wagoner	Received	Received	Received	Approved
Advocacy Commissions Office, Oregon	13100	Darlene Hulzebosch	Received	Received	Not Received	Approved
Agriculture, Dept. of	60300	Kevin Slater	Received	Received	Received	Approved
Aviation, Dept. of	10900	Jenny Wilfong	Received	Received	Received	Approved
Blind Commission	58500	James Wood	Received	Not Received	Received	None
Clinical Social Workers, Board of	12400	Martin Pittioni	Received	Not Received	Received	Approved
Columbia River Gorge Commission	35000	Nancy Andring	Received	Received	Not Received	None
Community Colleges & Workforce Development, Dept. of	58600	Al Pierce	Received	Received	Received	None
Construction Contractors Board	91500	Shelly Wiles	Received	Received	Received	Approved
Consumer and Business Services, Dept. of	44000	David Miller	Received	Received	Received	Approved
Corrections, Dept. of	29100	Roy Bruce	Received	Received	Received	Approved
Dentistry, Oregon Board of	834000	Patrick D. Braatz	Received	Not Received	Received	Approved
Dietitians, Oregon Board of Examiners of Licensed	833414	Doug Van Fleet	Received	Received	Received	Approved
Economic & Community Development Dept.	12300	Clifford Priddy	Received	Received	Received	None

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Agency Name	Agency ID	ITAM Coordinator Name	ITAM Report (Hardware)	ITAM Report (Software)	Software Compliance Statement	Exception Request
Education, Dept. of	58100	Patty Fields-Cooper	Received	Received	Received	None
Employment Department	47100	Eric Erkenbeck	Received	Received	Received	None
Employment Relations Board	11500	Leann Wilcox	Received	Received	Received	None
Energy, Dept. of	33000	Ling Kan	Received	Received	Received	None
Environmental Quality, Dept. of	34000	Dale Chipman	Received	Received	Received	None
Fish & Wildlife, Dept. of	63500	David Mahoney	Received	Received	Received	Approved
Forestry, Dept. of	62900	Shannon Rand	Received	Received	Received	None
Forest Resources Institute, Oregon	62800	Kathy Storm	Received	Received	Received	Approved
Geology & Mineral Industries, Dept. of	63200	Rudie Watzig	Received	Received	Received	None
Government Ethics Commission, Oregon	19900	Virginia Lutz	Received	Received	Received	None
Governor, Office of the	12100	Shawn Wagoner	Received	Received	Received	Approved
Health Licensing Agency, Oregon	83100	Janet Bartel	Received	Received	Received	Approved
Housing & Community Services Dept.	91400	Robin Buchholz	Received	Received	Received	None
Human Services, Dept. of	10000	Gerry Woock	Received	Received	Received	Approved
Justice, Dept. of	13700	Roelin Smith	Received	Received	Received	None
Labor & Industries, Bureau of	83900	Gary Lehto	Received	Received	Received	Approved
Land Conservation and Development	66000	Jon Dunsmore	Received	Received	Received	None
Land Use Board of Appeals	66200	Kelly Burgess	Received	Received	Received	Approved
Lands, Dept. of State	14100	Eric Andersen	Received	Received	Received	None
Library, Oregon State	54300	Chris Adams	Received	Not Received	Received	Approved

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Agency Name	Agency ID	ITAM Coordinator Name	ITAM Report (Hardware)	ITAM Report (Software)	Software Compliance Statement	Exception Request
Liquor Control Commission, Oregon	84500	Marc Otterbein	Received	Received	Received	None
Medical Board, Oregon	84700	Mike Blasberg	Received	Received	Received	None
Military Department, Oregon	24800	Pete Senser	Received	Received	Received	Approved
Mortuary and Cemetery Board, Oregon	833417	Michelle Gaines	Received	Received	Received	None
Nursing, Board of	85100	Judith McEntee	Received	Received	Received	Approved
Occupational Therapy Licensing Board, Oregon	833420	Felicia Holgate	Received	Received	Received	Approved
Parks & Recreation Department	63400	Trygve (Trygg) Larson	Received	Received	Received	Approved
Pharmacy, Board of	85500	Chrisy Hennigan	Received	Received	Received	None
Physical Therapists Licensing Board	96900	James D. Heider	Received	Received	Received	None
Police, Dept of State	25700	Monte Hogan	Received	Received	Received	Approved
Psychologist Examiners, State Board of	12200	Debra Orman McHugh	Received	Received	Received	None
Public Employees Retirement System	45900	Bryan Wynn	Received	Received	Received	None
Public Safety Standards & Training, Dept. of	25900	Don Altermatt	Received	Received	Received	None
Public Utility Commission	86000	Vikie Bailey-Goggins	Received	Received	Received	Approved
Racing Commission, Oregon	86200	Karen Parkman	Received	Received	Received	Approved
Medical Imaging Technology, Oregon Board of	833426	Linda Russell	Received	Received	Received	Approved
Real Estate Agency	91900	Chris Erich	Received	Received	Received	None
Revenue, Dept. of	15000	John Hylton	Received	Received	Received	None

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Agency Name	Agency ID	ITAM Coordinator Name	ITAM Report (Hardware)	ITAM Report (Software)	Software Compliance Statement	Exception Request
Secretary of State	16500	Kathy Rice	Received	Not Received	Not Received	Approved
Speech-Language, Board of Examiners for	833428	Sandy Leybold	Received	Received	Received	Approved
Tax Practitioners, State Board of	11900	Marika Dwyer	Received	Not Received	Received	None
Transportation, Dept. of	73000	Glenn Packard	Received	Received	Received	Approved
Veterans' Affairs, Dept. of	27400	Bruce Craig	Received	Received	Received	None
Water Resources Department	69000	Ken Smith	Received	Received	Received	Approved
Watershed Enhancement Board, Oregon	69100	Ken Smith	Received	Received	Received	Approved
Oregon Youth Authority	41500	Jerry Sevey	Received	Received	Received	Approved

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Table 12 – Exception Request Summary

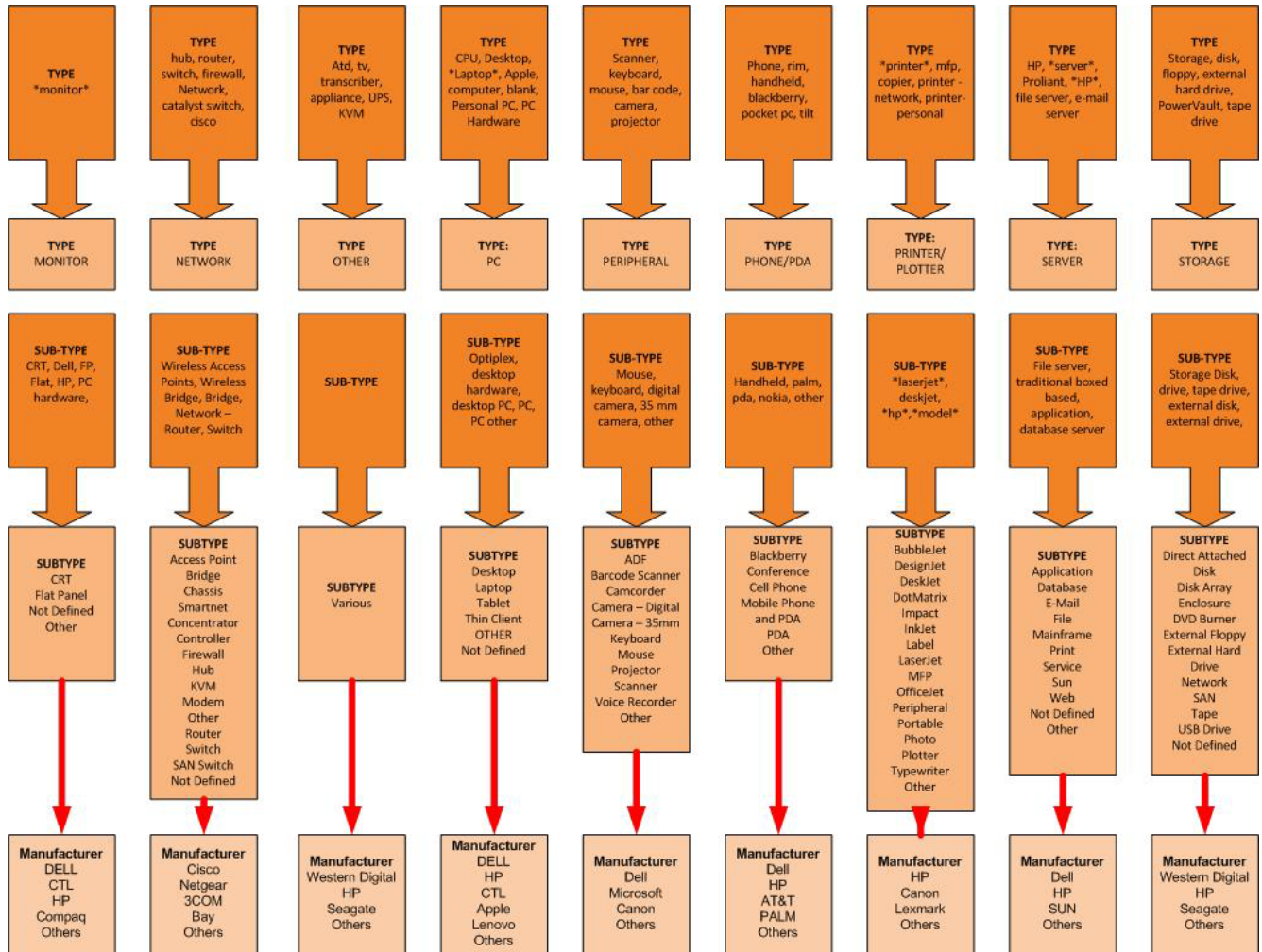
Per the [ITAM Policy Exception Process](#) - several agencies requested and received specific exceptions to the reporting of specific asset types or asset attributes required in the ITAM Policy #107-004-010. The exception requests can be categorized into four major groups related to: Printer, PC, Other assets, and a broader General category.

<u>Printer Assets</u>
Exception requests relating to: <ul style="list-style-type: none">▪ Reporting of purchase date information▪ Reporting on personal printers and Inkjet printers▪ Reporting on printers under a particular dollar threshold
<u>PC Assets</u>
Exception requests relating to: <ul style="list-style-type: none">▪ Reporting on PC assets that reached end-of-life▪ Reporting on PC assets that were in restricted or high security areas▪ Reporting on PC assets that manage control systems (fire, HVAC, radio, etc)▪ Reporting docking stations
<u>Other Assets</u>
Exception requests relating to: <ul style="list-style-type: none">▪ Reporting of model number for various Network Assets▪ Reporting the agency PDA inventory▪ Reporting on the flash/ thumb drive inventory▪ Reporting on PC Phones▪ Reporting on phone assets▪ Reporting on digital cameras▪ Reporting on monitors
<u>General Exception Requests</u>
Exception requests relating to: <ul style="list-style-type: none">▪ Exclusion of purchase date on reported assets▪ Exclusion of assets under a specific dollar threshold▪ Submission of the inventory report within the required timeframe

Note: Policy Exception requests will be reviewed and appropriate adjustments to the ITAM Policy and associated attachments will be considered prior to the 2011 inventory reporting cycle.

Figure 8 – ITAM Database Normalization

This figure illustrates the kinds of summarizations made to normalize the Statewide IT Asset Inventory database. This illustration is not intended to be an exhaustive list of specifics, but rather is meant to convey the approach taken. Each column aligns the Type with examples of the raw data received – to the Normalized Type. A similar approach was used in normalizing Subtype information.



ITAM Resources

EISPD ITAM Website: http://www.oregon.gov/DAS/EISPD/ITIP/ITAM_index.shtml

IT Inventory/ Management Policy: <http://www.oregon.gov/DAS/EISPD/ITIP/docs/107-004-010.pdf>

ITAM Submission Schedule:

<http://www.oregon.gov/DAS/EISPD/ITIP/docs/ITAM-SUBMISSION-SCHEDULE-2011.pdf>

ITAM Mandatory Attributes Table:

http://www.oregon.gov/DAS/EISPD/ITIP/docs/ITAM_Inventory_Mandatory_Attributes.pdf

Inventory Definition Document:

http://www.oregon.gov/DAS/EISPD/ITIP/docs/ITAM_Inventory_Definition_Document.doc