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HPE Aruba
IRIS User Guidebook for Partners

Last updated in 2018 Mar

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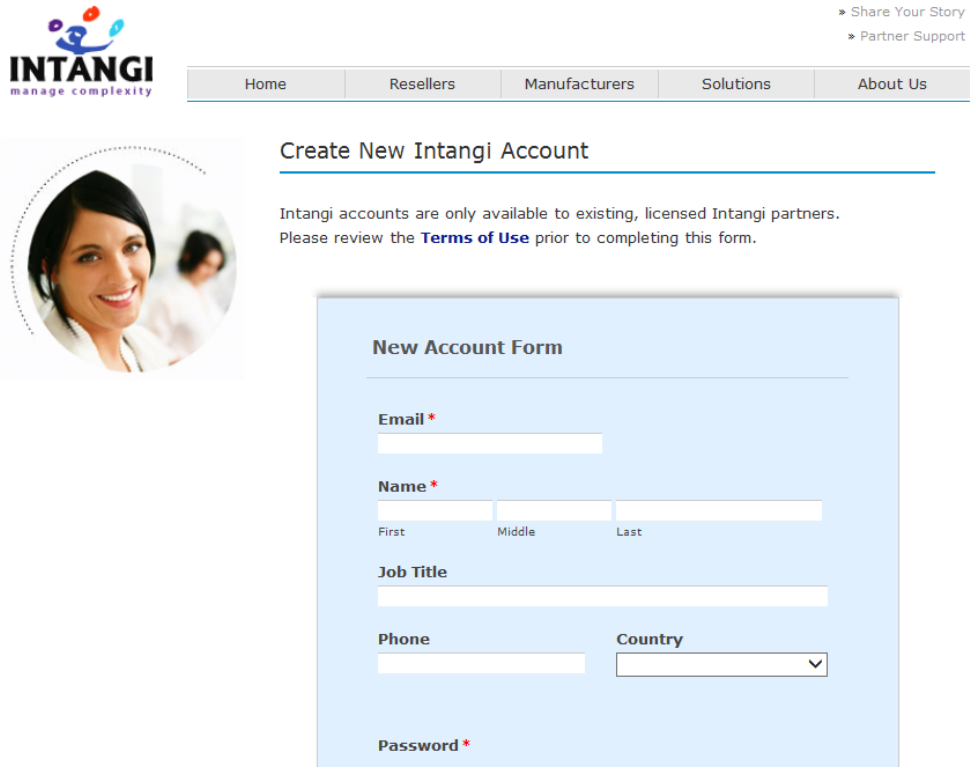
Product Category Manager
HPE Aruba Korea

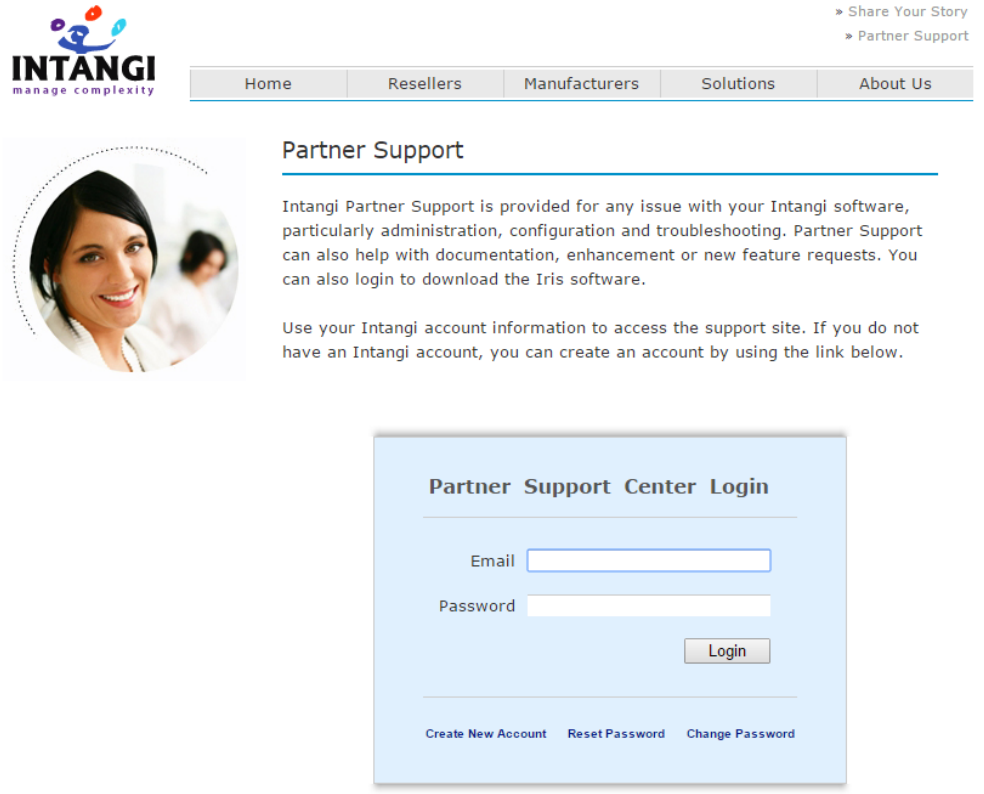
IRIS 특징과 이점

- Iris can help users configure individual boxes, but its power and capabilities shine when designing solutions with multiple sites and interconnected products from many vendors
- Provides multiple design views (topology, block, port connection, and rack)
- Connection validation ensures correct connectivity with automatic cable selection. Optical cables, DAC cables, CWDM, DWDM, RPS/EPS power jumper cables, etc. are all supported for HPN
- Unlimited undo/redo functionality which can be accessed using the toolbar buttons or using CTRL-Z and CTRL-Y keys
- Summary Window provides a read-only display of the different ports, slots, modules/transceivers, accessories, and spares of all the selected equipment or sites
- The BOM and quotation can be exported to Excel, txt, XML, IFF, RosettaNet, xCBL
- Offline mode allows users to access Iris anytime, anywhere without need for Internet connectivity
- Customizable favorites catalog
- Templates feature allows you to create re-usable designs or design fragments

IRIS 등록 및 설치

1. Click to register : http://www.intangi.com/register.php Partnership 하에 권한 부여





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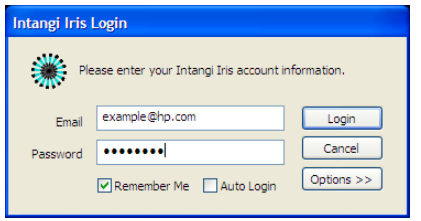
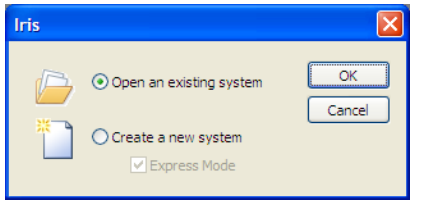
로그인 및 실행

- Double click on the desktop icon to launch Iris



- Enter your username (email address) and password
- Select the remember me button if you want Iris to remember your user name
- Select the auto-login button if you want Iris to remember your password

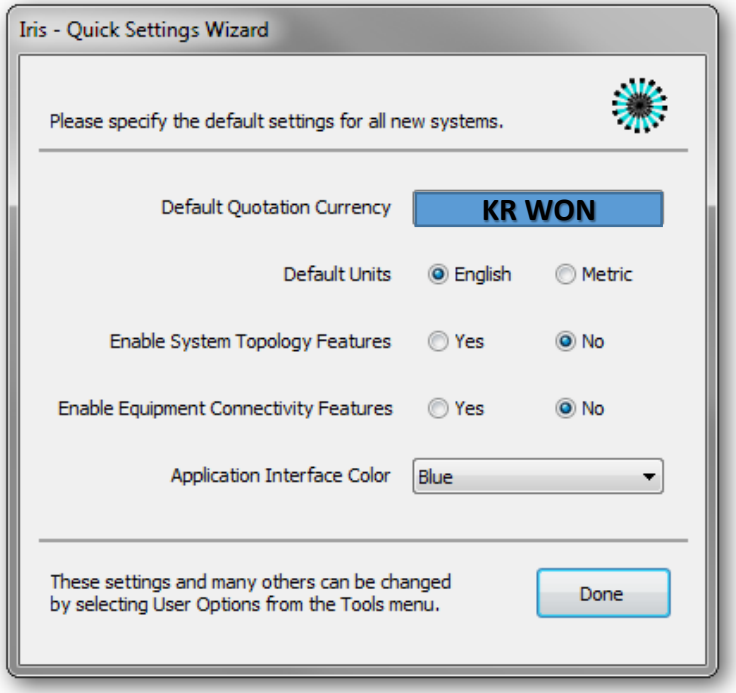


- Iris will automatically check for any updates. If updates are available, Iris will give you the opportunity to choose if you want to install the updates or not
- Updates can include product updates, pricing updates, and Iris configurator functionality updates
- Iris requires updates to be installed at least every 7 days

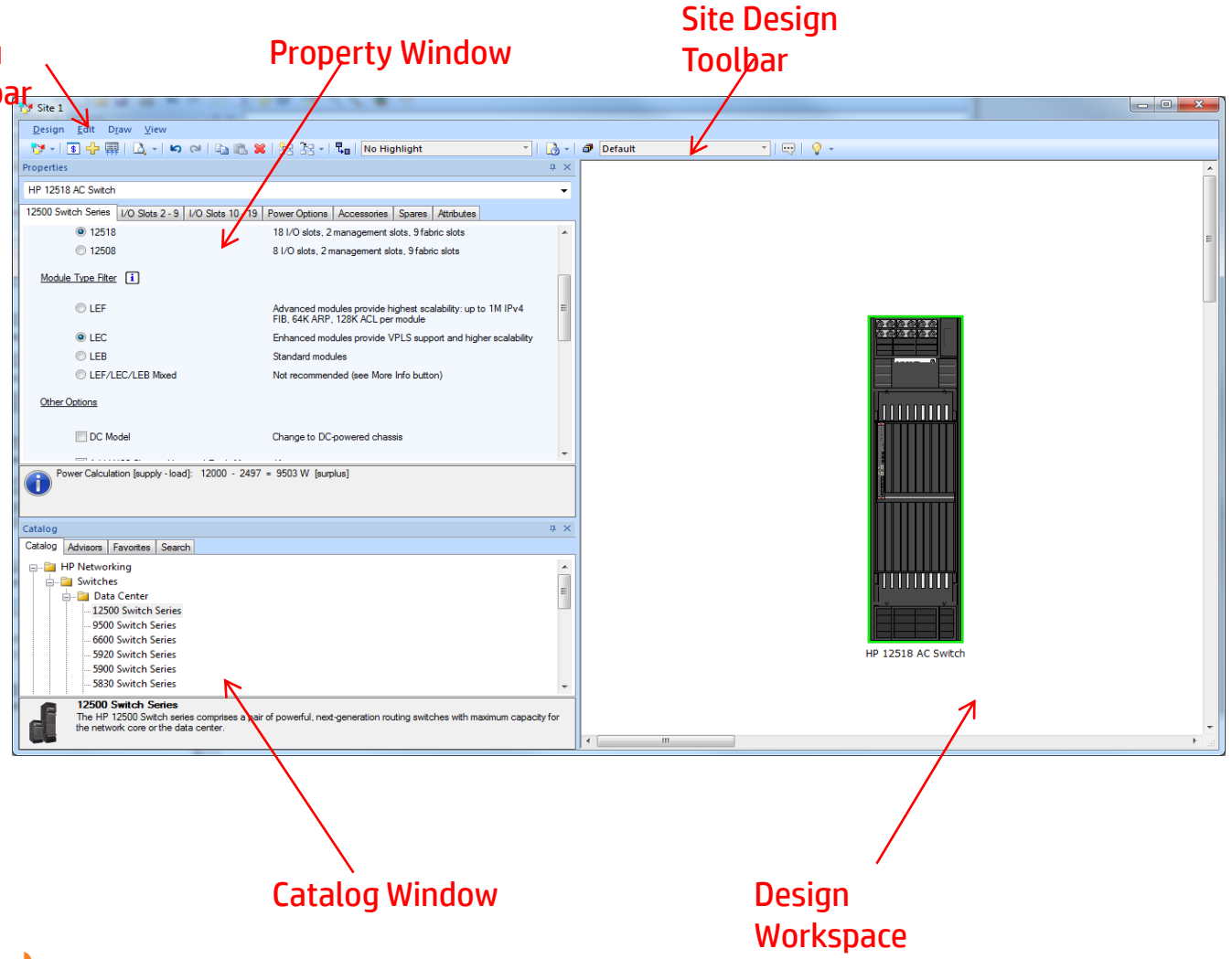
- When Iris is launched it will give you the option of opening an existing design, or creating a new design. Creating a new design using express mode will automatically create a Site 1 and place you into Site 1 Design Interface view

IRIS 퀵 셋팅 Wizard

- **Default Quotation Currency**: Specifies the default currency **(Korea WON 선택)**
- **Default Units**: Specifies either Metric or English measurement units **(English 선택)**
- **Enable System Topology Features**: Select Yes if you create multi-site designs and want to enable the Topology view. Select No if you only create quotes and designs for a single site. The Topology view will be disabled for all new projects **(Yes 선택)**
- **Enable Equipment Connectivity Features**: Select Yes if you create designs with equipment interconnectivity. Select No if you work with stand-alone equipment and designs that don't require connectivity. Connectivity-related features (such as some toolbar buttons and the Port view) will be disabled in the user interface **(Yes 선택)**
- **Application Interface Color**: Choose from Aqua, Black, Blue, Silver (선호하는 색 선택)



디자인 인터페이스 셋팅



- The majority of your work will be done in the Site Design Interface
- The Site Design Interface is the main tool used for the creation of the network design for a specific site
- You can access the Site Design Interface by selecting a site in the Topology Interface and clicking on Site, then Design Window
- You can also access the design window by right clicking on a site and selecting Design Window or double-clicking on a site

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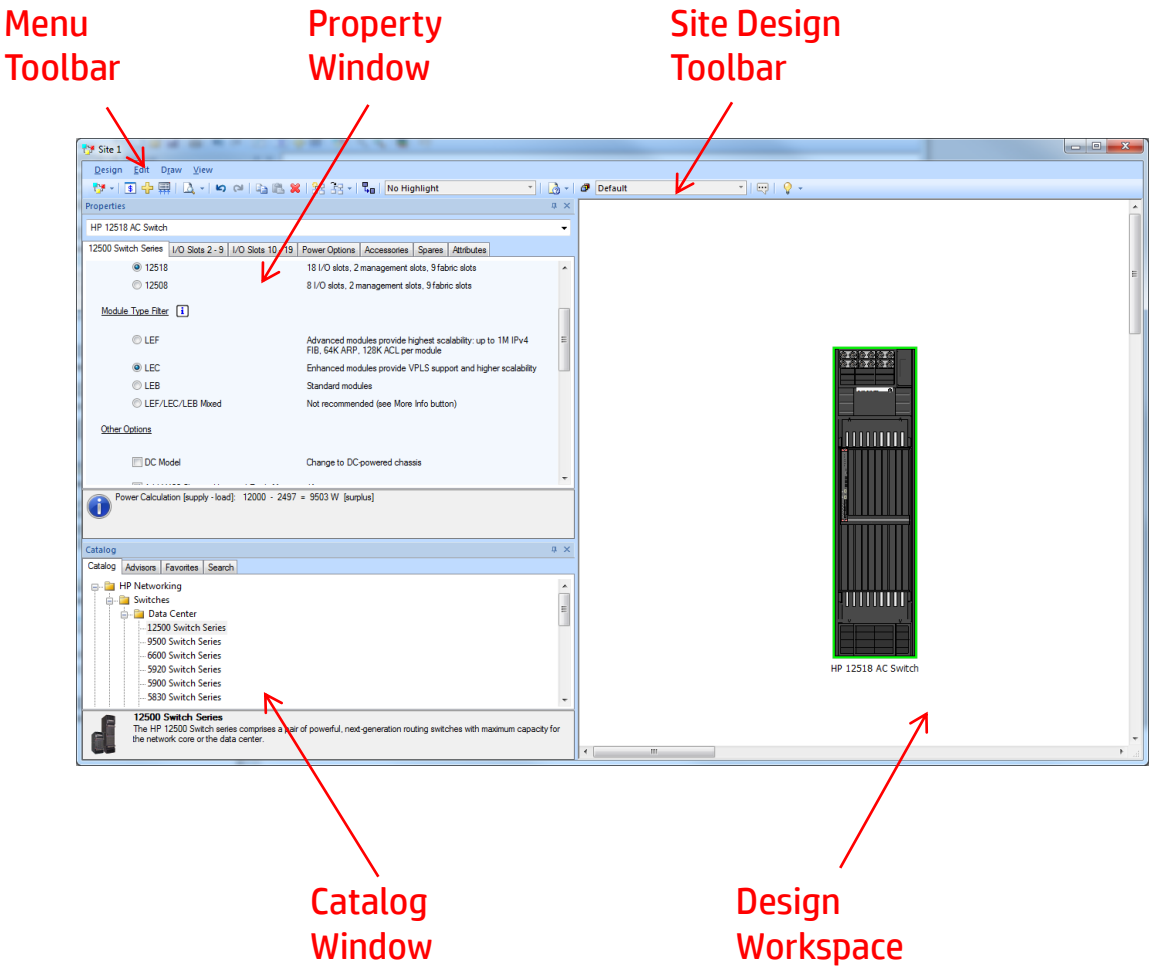
디자인 인터페이스 셋팅 (cont'd)

In the Design Workspace, you can do the following main tasks:

- Add equipment from the Catalog
- Select equipment for configuration in the Property Window
- Make connections between equipment and to other sites
- Add draw items and annotations to the design
- Add services to devices
- View your site network design in Block, Port, or Rack Views:
  - **Block View:** Presents a high-level network design, as pictured above
  - **Port View:** Presents a port diagram that shows the available ports on each equipment. Connections between equipment are shown emanating from their respective ports. If Collapse Ports is selected, all ports that are in the same port group will collapse and only one port will be displayed. If Expand Ports is selected, then all ports will be displayed
  - **Rack View:** Presents a rack diagram showing where equipment is racked
  - **PoE View:** When working with PoE equipment, will show the PoE consumable value for each equipment and flow values for each connection



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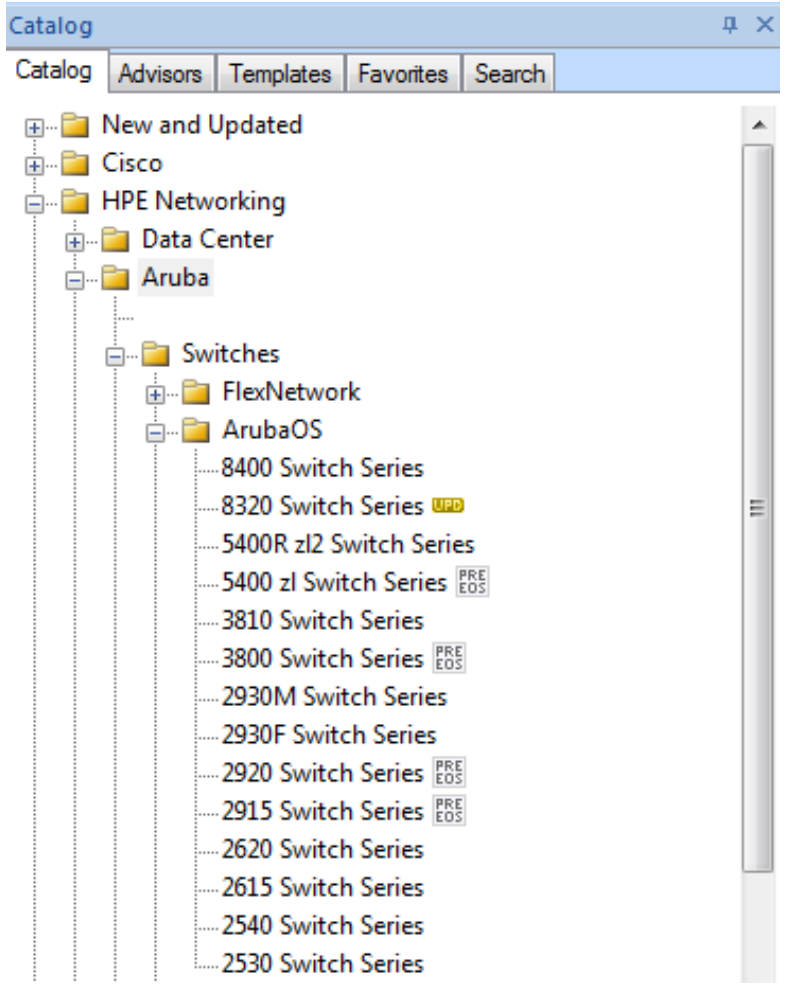
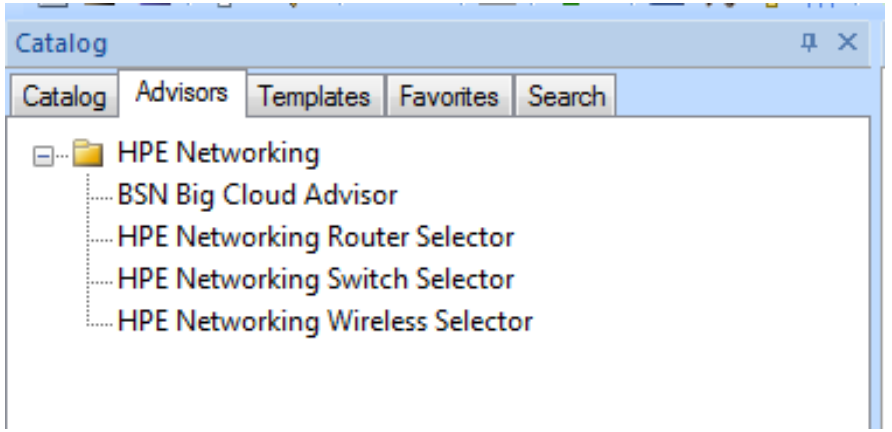
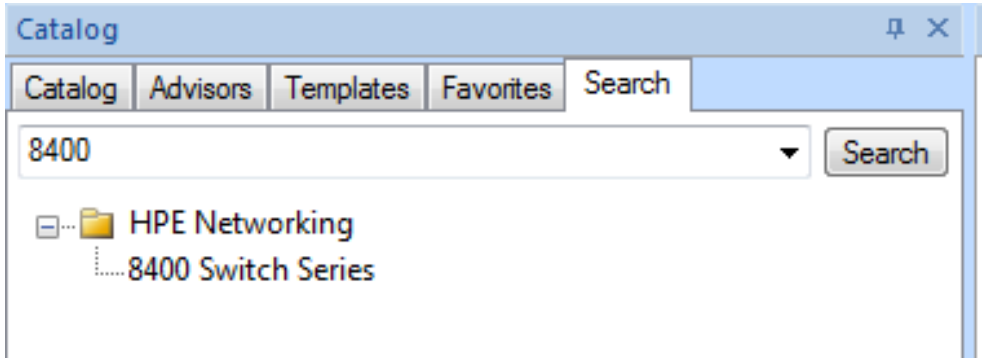
Quick Menu 살펴보기







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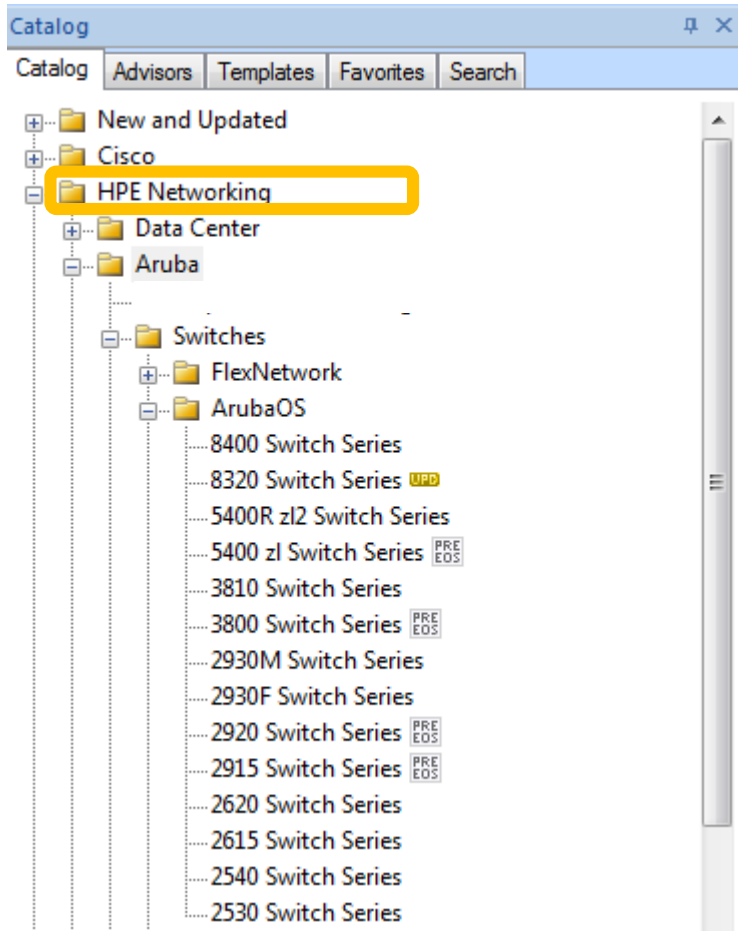
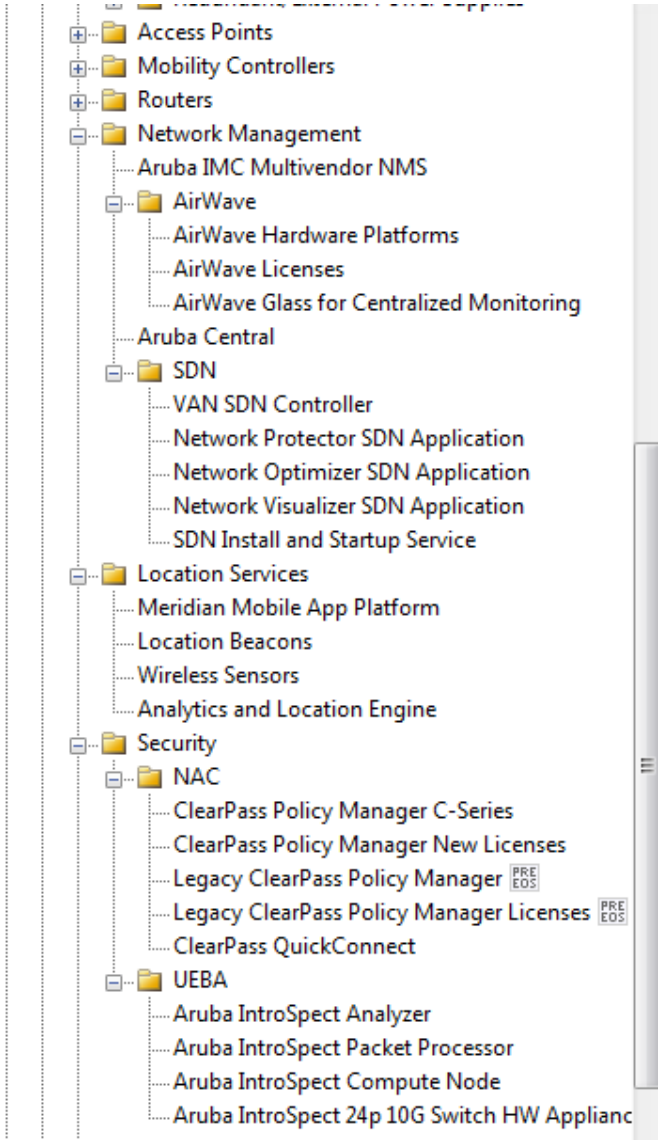
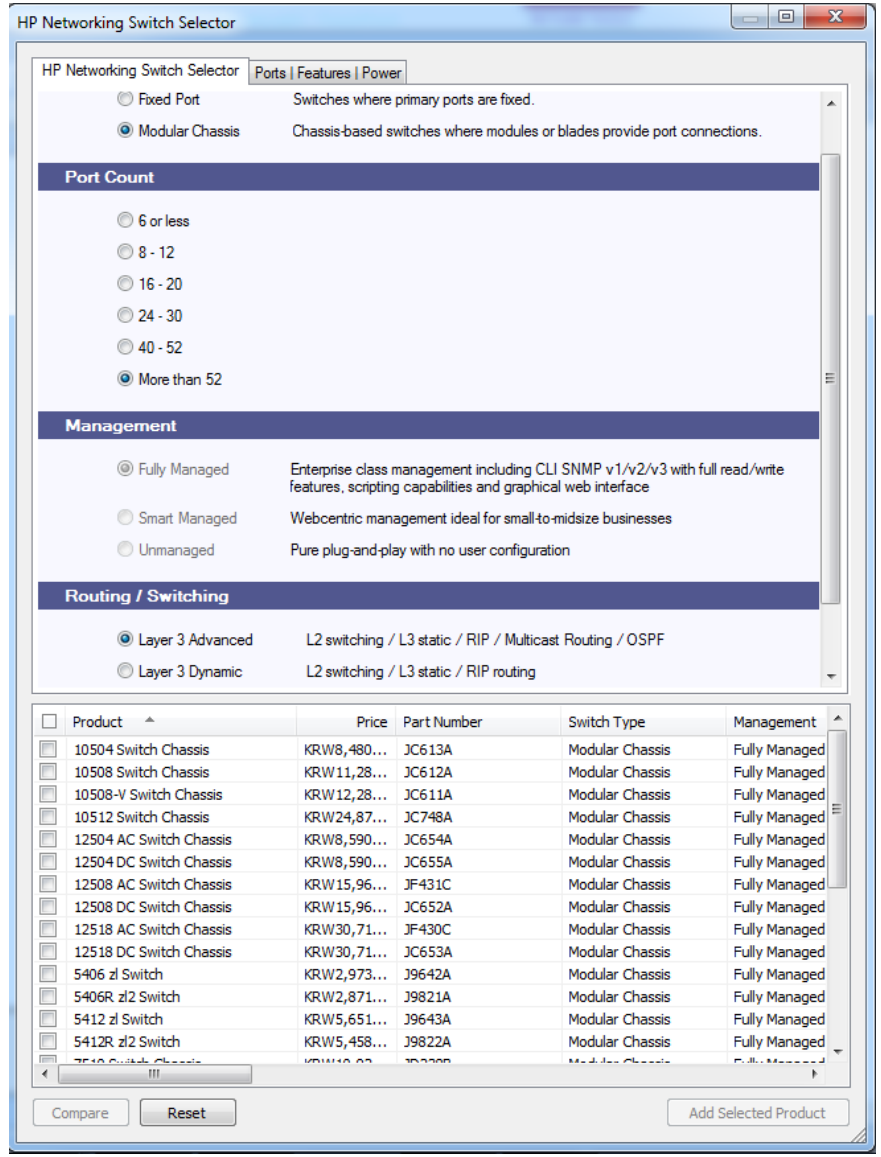
HPE Aruba Portfolio Selector







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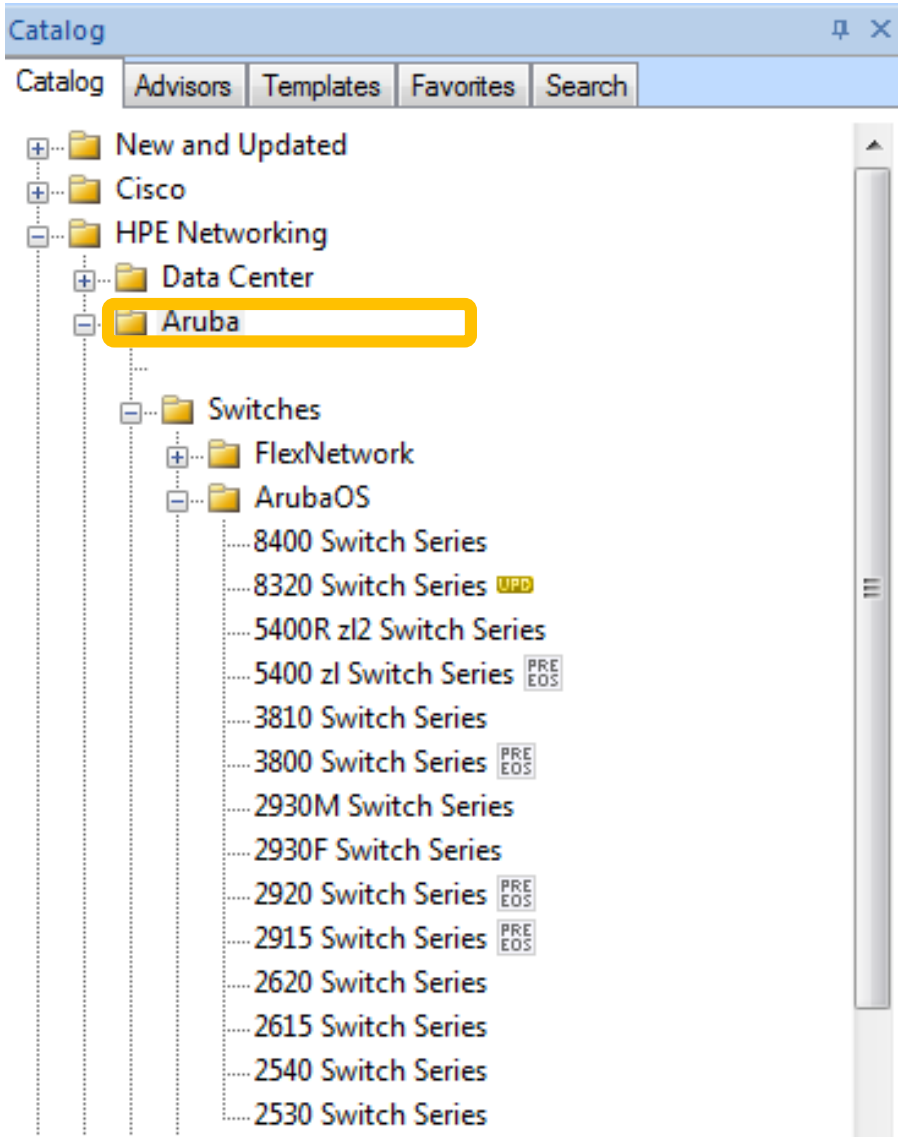
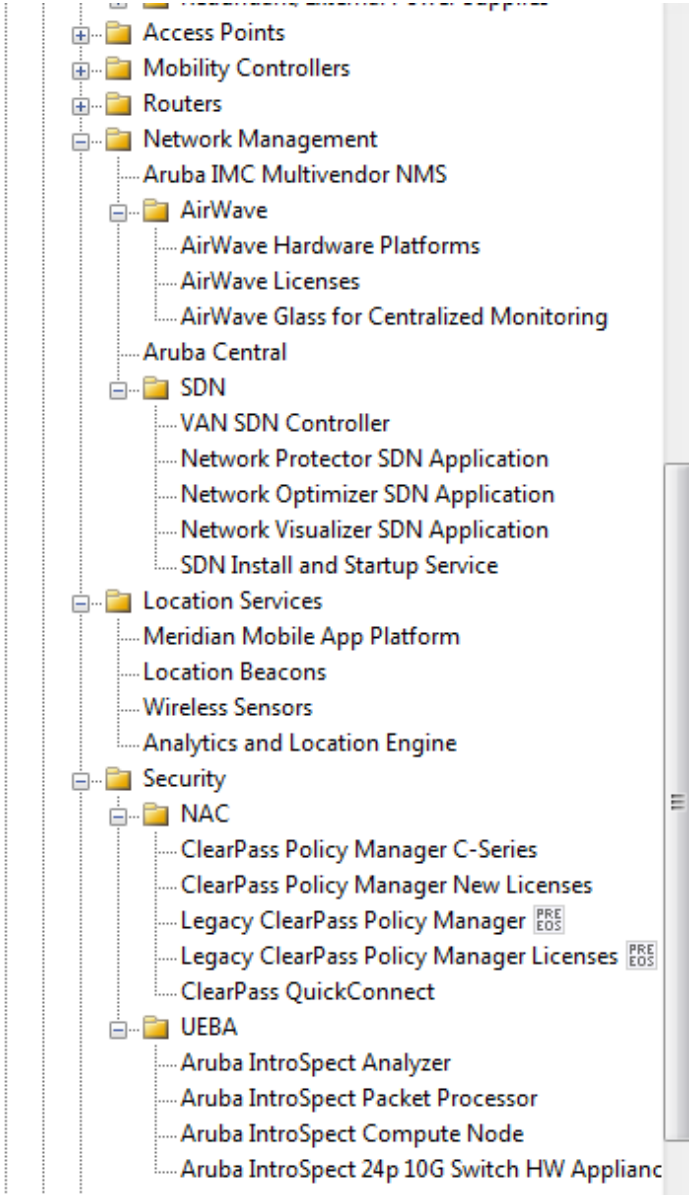
Catalog에서 HPE Networking -> Aruba 선택





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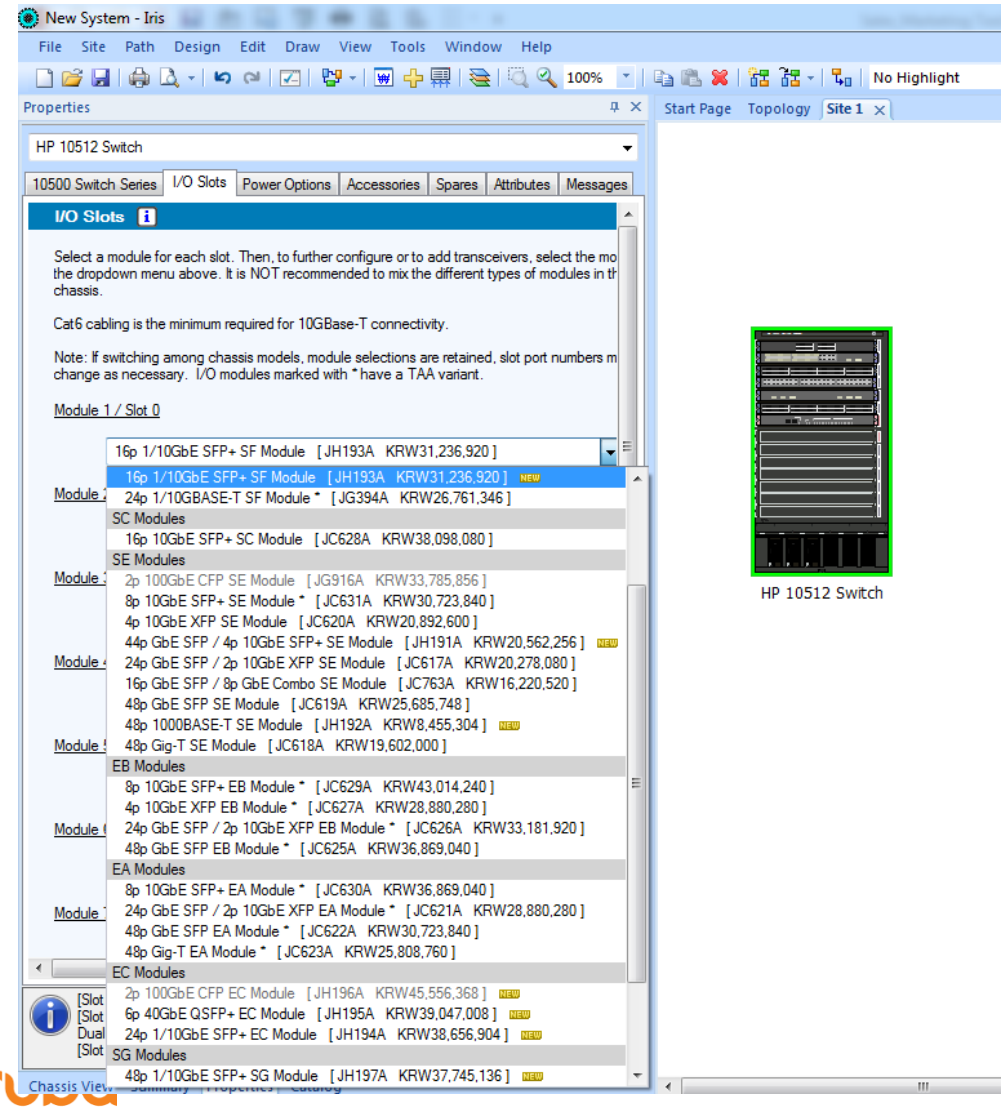
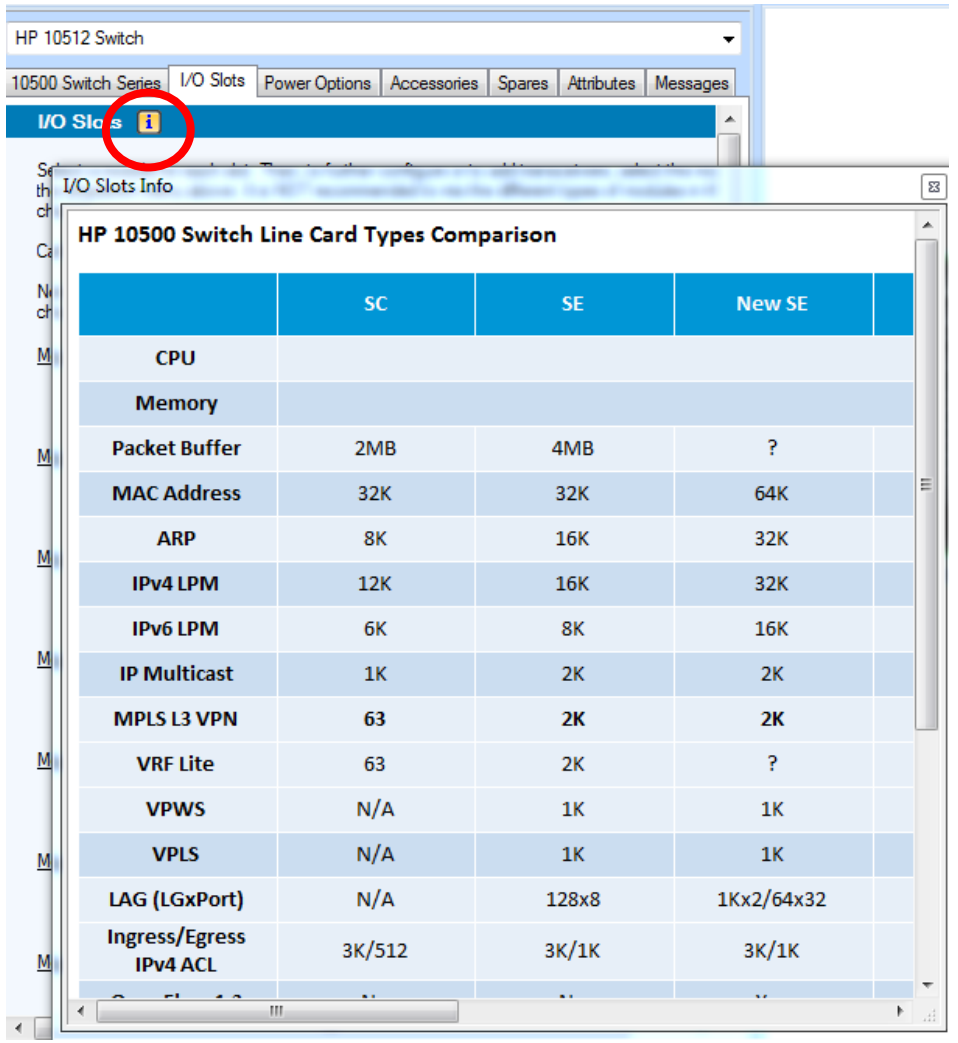
Modular Chassis의 경우: I/O Slot 선택





	SC	SE	New SE
CPU			
Memory			
Packet Buffer	2MB	4MB	?
MAC Address	32K	32K	64K
ARP	8K	16K	32K
IPv4 LPM	12K	16K	32K
IPv6 LPM	6K	8K	16K
IP Multicast	1K	2K	2K
MPLS L3 VPN	63	2K	2K
VRF Lite	63	2K	?
VPWS	N/A	1K	1K
VPLS	N/A	1K	1K
LAG (LGxPort)	N/A	128x8	1Kx2/64x32
Ingress/Egress IPv4 ACL	3K/512	3K/1K	3K/1K

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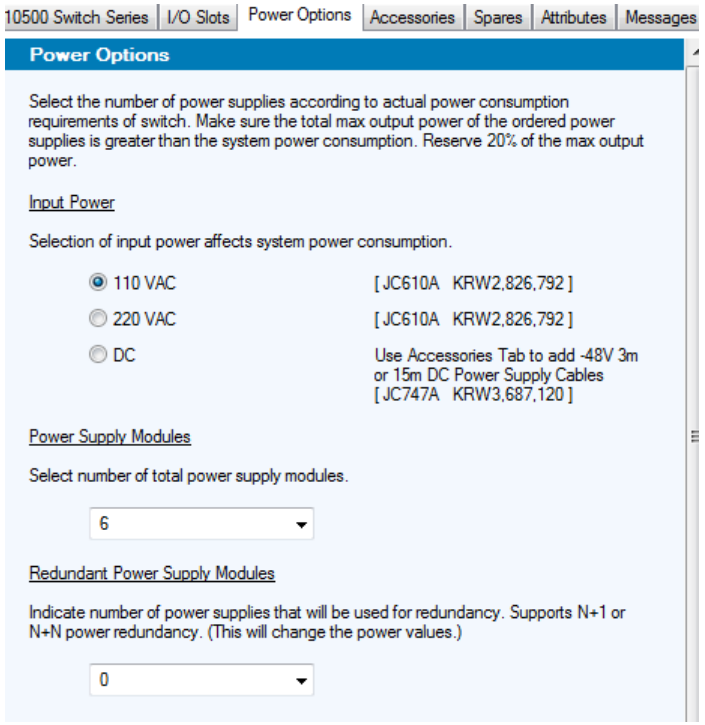
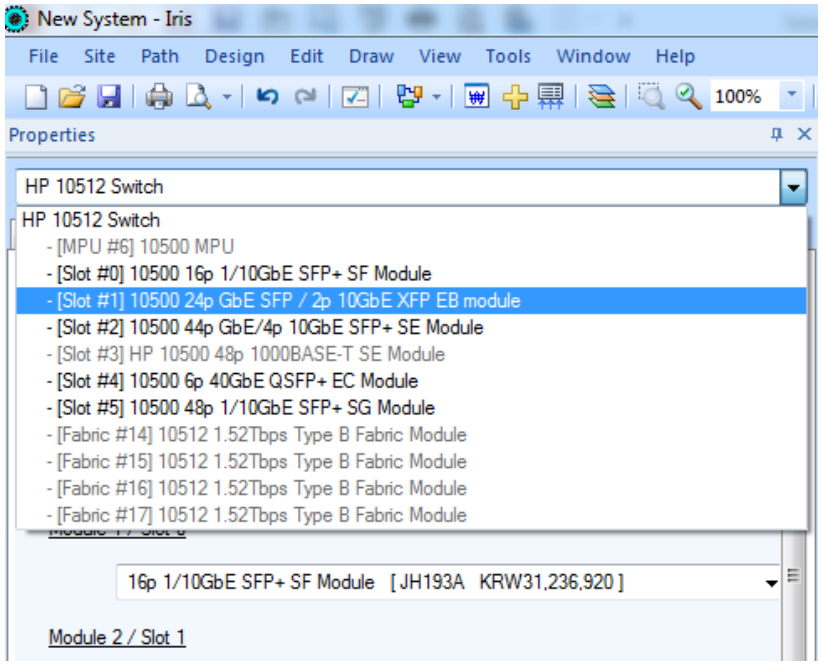
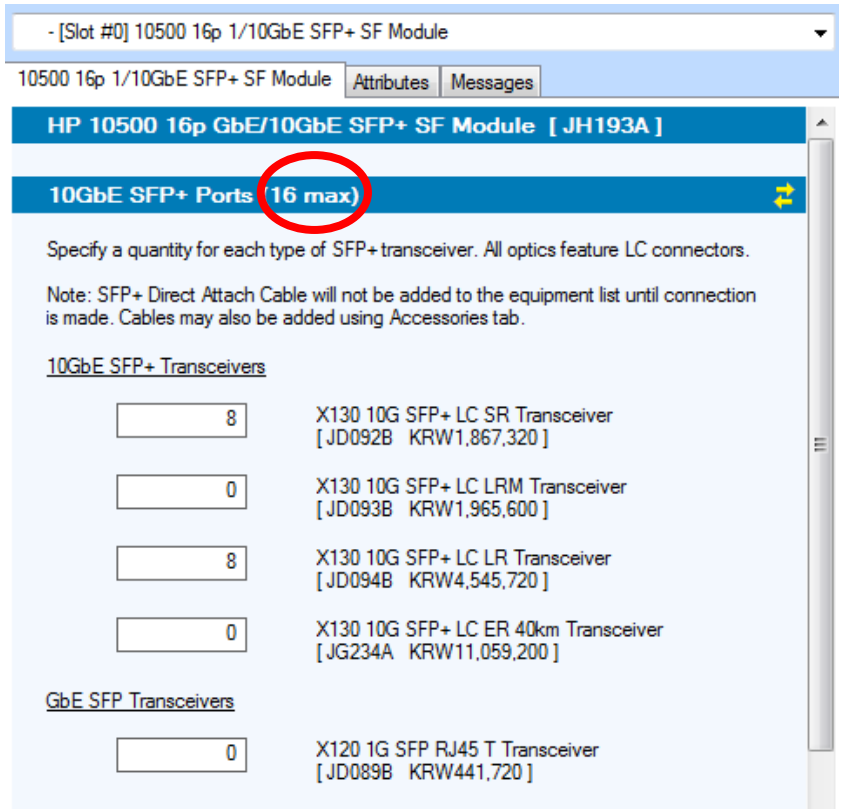
Power & Optics 선택







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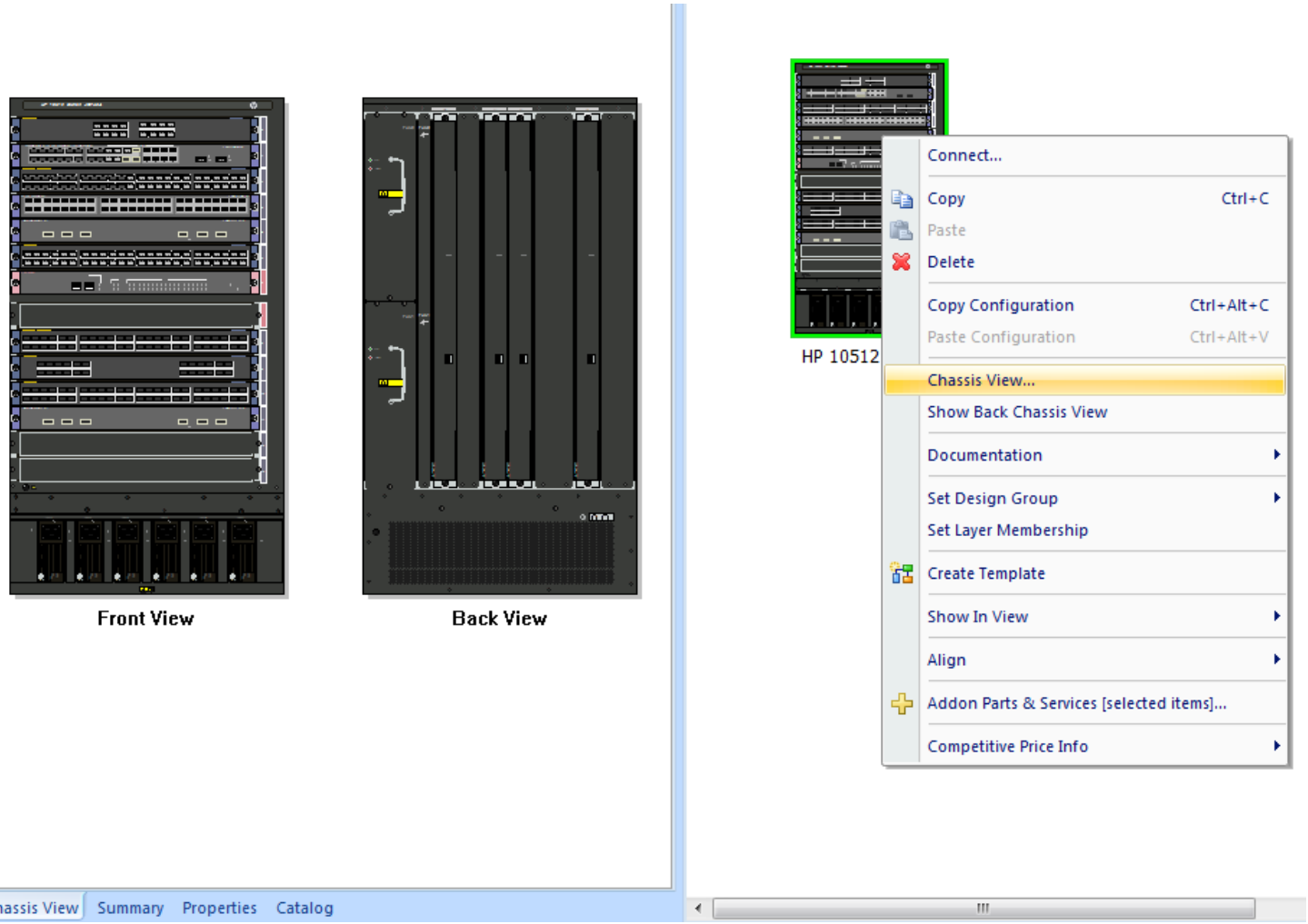
Chassis View



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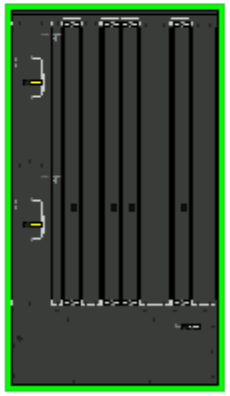
Summary Tool 활용 – mod, transceivers, 가격확인

Summary - HP 10512 Switch

Ports | Slots | Modules/Transceivers | Accessories | Spares | BOM | Mini Quote

Module/Transceiver	Quantity
10500 16p 1/10GbE SFP+ SF Module (JH193A)	1
10500 24p 1/10GbE SFP+ EC Module (JH194A)	1
10500 24p GbE SFP / 2p 10GbE XFP EB module (JC626A)	1
10500 44p GbE/4p 10GbE SFP+ SE Module (JH191A)	2
10500 48p 1/10GbE SFP+ SG Module (JH197A)	2
10500 6p 40GbE QSFP+ EC Module (JH195A)	2
10500 MPU (JC614A)	1
10512 1.52Tbps Type B Fabric Module (JC749A)	4
HP 10500 48p 1000BASE-T SE Module (JH192A)	1
X120 1G SFP LC BX 10-U Transceiver (JD098B)	2
X120 1G SFP LC LX Transceiver (JD119B)	22
X120 1G SFP LC SX Transceiver (JD118B)	2
X120 1G SFP RJ45 T Transceiver (JD089B)	38
X130 10G SFP+ LC LR Transceiver (JD094B)	8
X130 10G SFP+ LC LRM Transceiver (JD093B)	48
X130 10G SFP+ LC SR Transceiver (JD092B)	12
X130 10G XFP LC LR Transceiver (JD108B)	1
X170 1G SFP LC LH70 1510 Transceiver (JD115A)	1
X180 10G XFP LC 1539.77 DWDM Transceiver (JG227A)	1

Start Page | Topology | Site 1

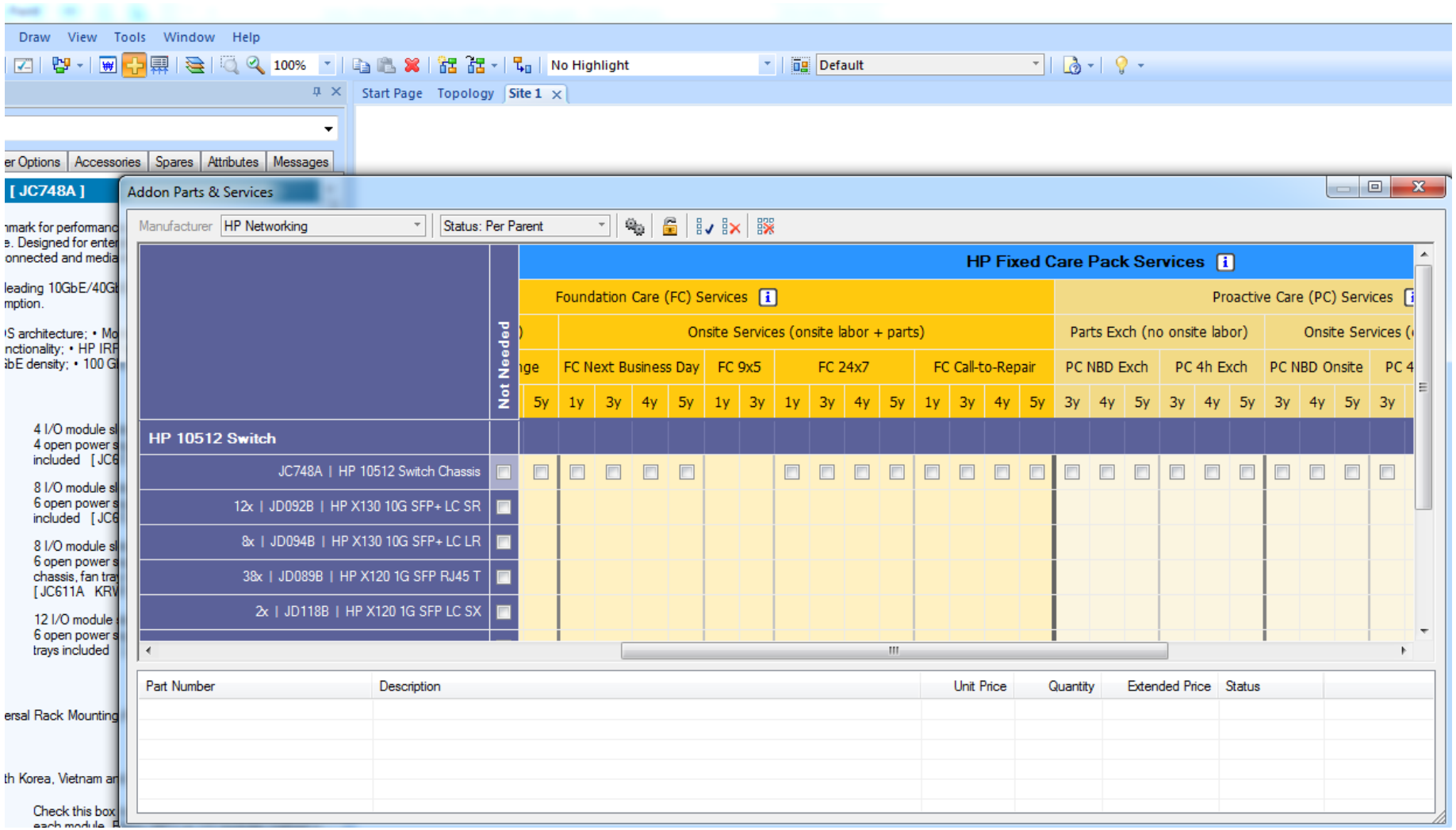


HP 10512 Switch

Ports | Slots | Modules/Transceivers | Accessories | Spares | BOM | Mini Quote

Part Number	Unit Price	Qty	Total
JC748A	KRW24,872,292	1	KRW24,872,292
JC610A	KRW2,826,792	6	KRW16,960,752
JC665A	KRW352,728	1	KRW352,728
JC749A	KRW13,517,280	4	KRW54,069,120
JC614A	KRW12,166,308	1	KRW12,166,308
JH193A	KRW31,236,920	1	KRW31,236,920
JD092B	KRW1,867,320	12	KRW22,407,840
JD094B	KRW4,545,720	8	KRW36,365,760
JC626A	KRW33,181,920	1	KRW33,181,920
JD089B	KRW441,720	38	KRW16,785,360
JD118B	KRW515,160	2	KRW1,030,320
JD098B	KRW1,534,680	2	KRW3,069,360
JD115A	KRW6,144,120	1	KRW6,144,120
JD108B	KRW4,791,960	1	KRW4,791,960
JG227A	KRW21,358,080	1	KRW21,358,080
JH191A	KRW20,562,256	2	KRW41,124,512
JD119B	KRW1,104,840	22	KRW24,306,480
JH192A	KRW8,455,304	1	KRW8,455,304
JH195A	KRW39,047,008	2	KRW78,094,016
JH197A	KRW37,745,136	2	KRW75,490,272
JD093B	KRW1,965,600	48	KRW94,348,800
JH194A	KRW38,656,904	1	KRW38,656,904
Quote Total			KRW645,269,128

기술지원 Technical Service 선택



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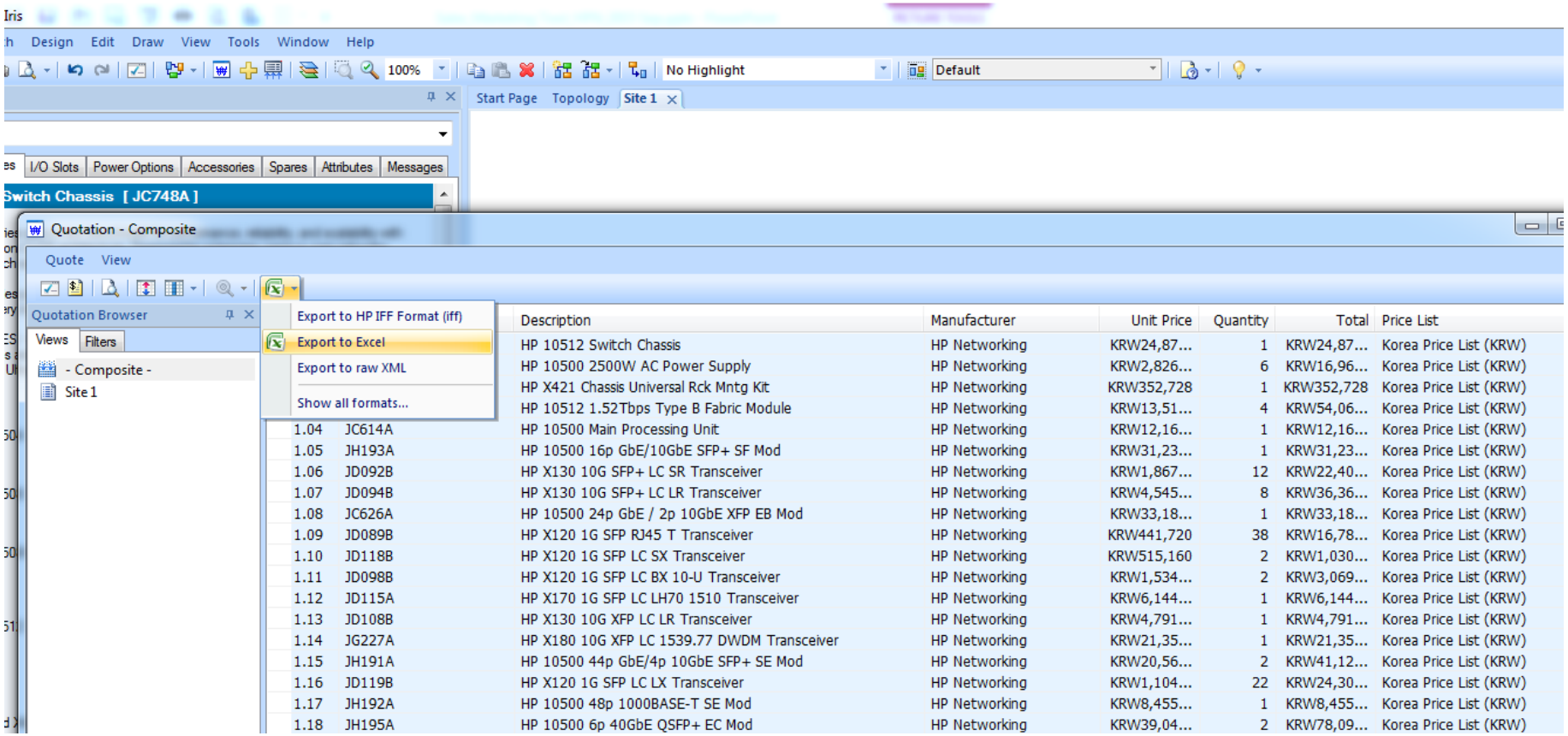
Quotation 보기 & 출력



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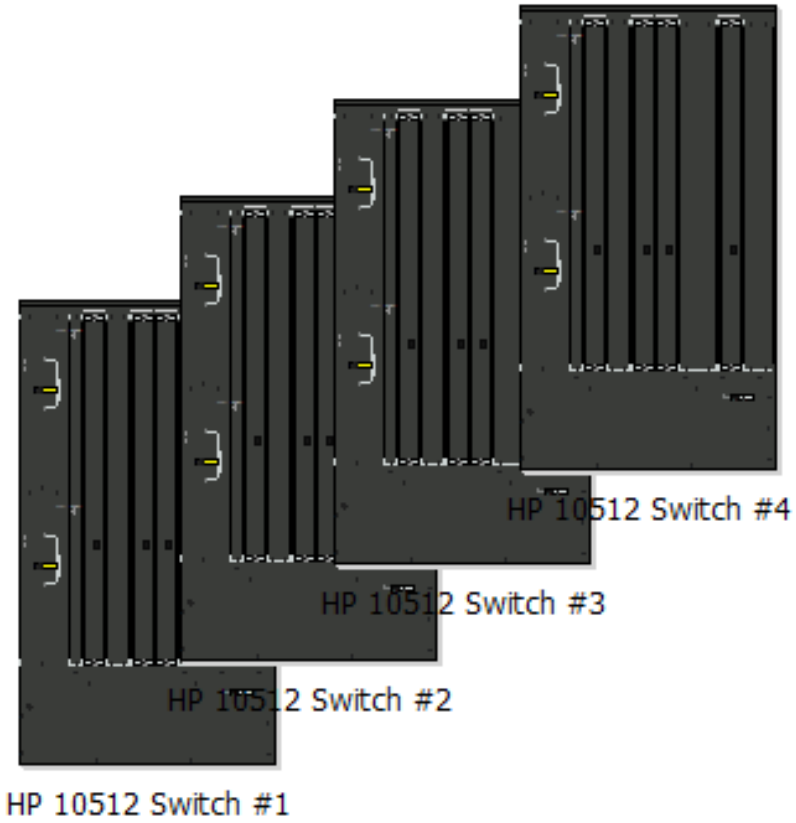
Multiple product 생성: ctrl c+ ctrl v



Icon 100% 활용

FIPS (Federal Information Processing Standards)

Only available in USA and Canada for sale to US F
and HI switches with TAA option.

Opacity Shield Kit

Tamper Evidence Labels [JG585A

Redundant Power

Click Info button for more details about external RP
RPS 800/1600 and choose cables in the Accesso
PoE ports and cables will be added to the quotatio

When using the HP RPS1600 with the 5500-24G-P
Switch, the maximum PoE power available is 370W

When using the HP RPS1600 with the 5500-48-Po
Switch, the maximum PoE power available is 740W

IRF Compatibility Information

Click the Info button for more details about IRF con

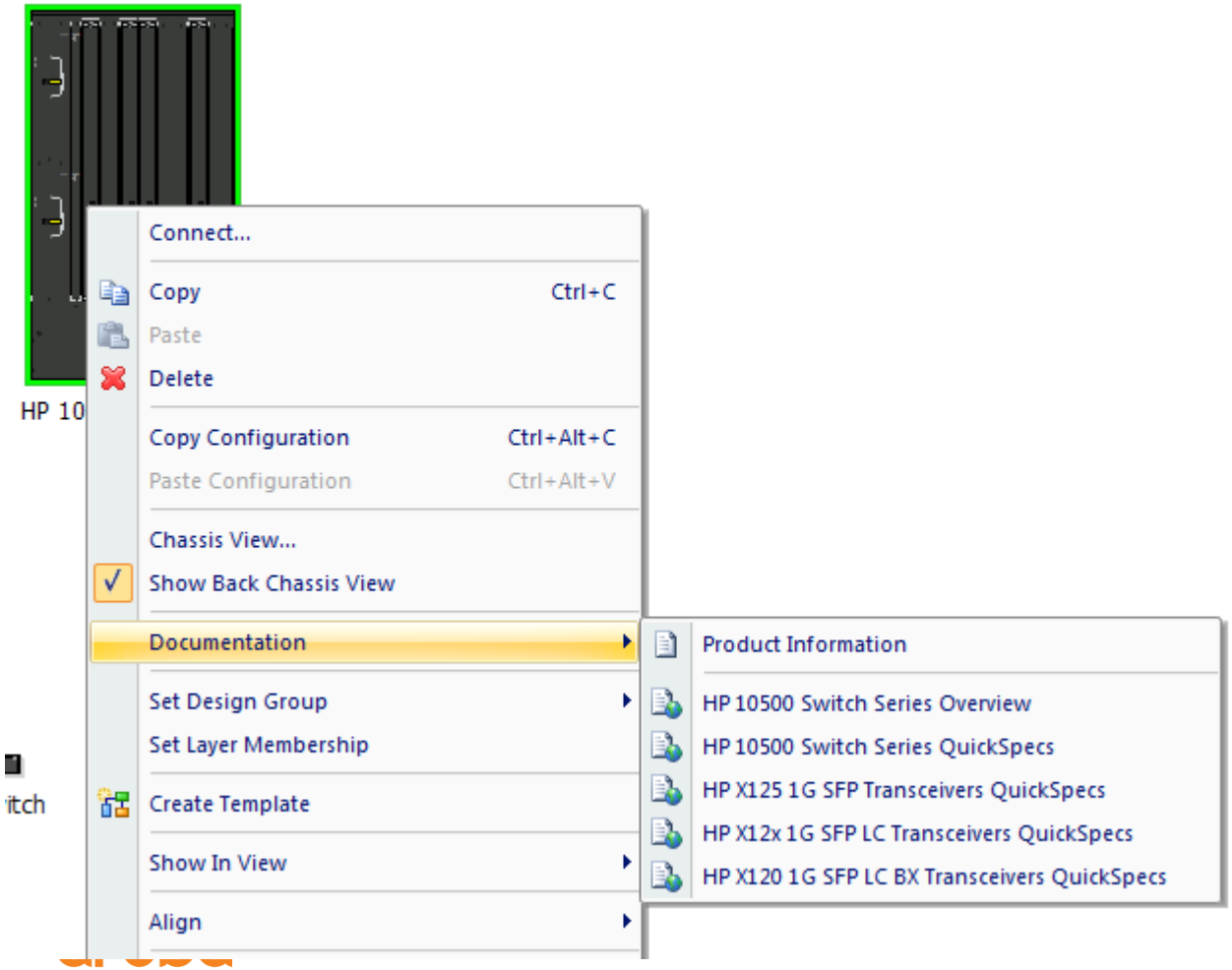
IRF Compatibility for HP Networking Switches

IRF Compatibility for HP Networking Switches (Apr 2015) – v2.3

Switch Series	Maximum devices in IRF domain	IRF link capacity	Max Physical Ports per IRF-Port
12900	2	Must use 10GbE/40GbE links	8
12500	4	Must use 10GbE/40GbE links	12
11900	4	Must use 10GbE/40GbE links	8
10500	4	Must use 10GbE/40GbE links	8
9500	4	Must use 10GbE links	8
7900	2 (4 future) – IRF code targeted for GA Oct 2014	Must use 10GbE/40GbE links	8
7500	4 (7503, 7506) 2 (7510, 7503-S) (IRF functionality is not supported on HP 7502 Switch Chassis)	Must use 10GbE/40GbE links	8

HP 5500-24G EI Switch

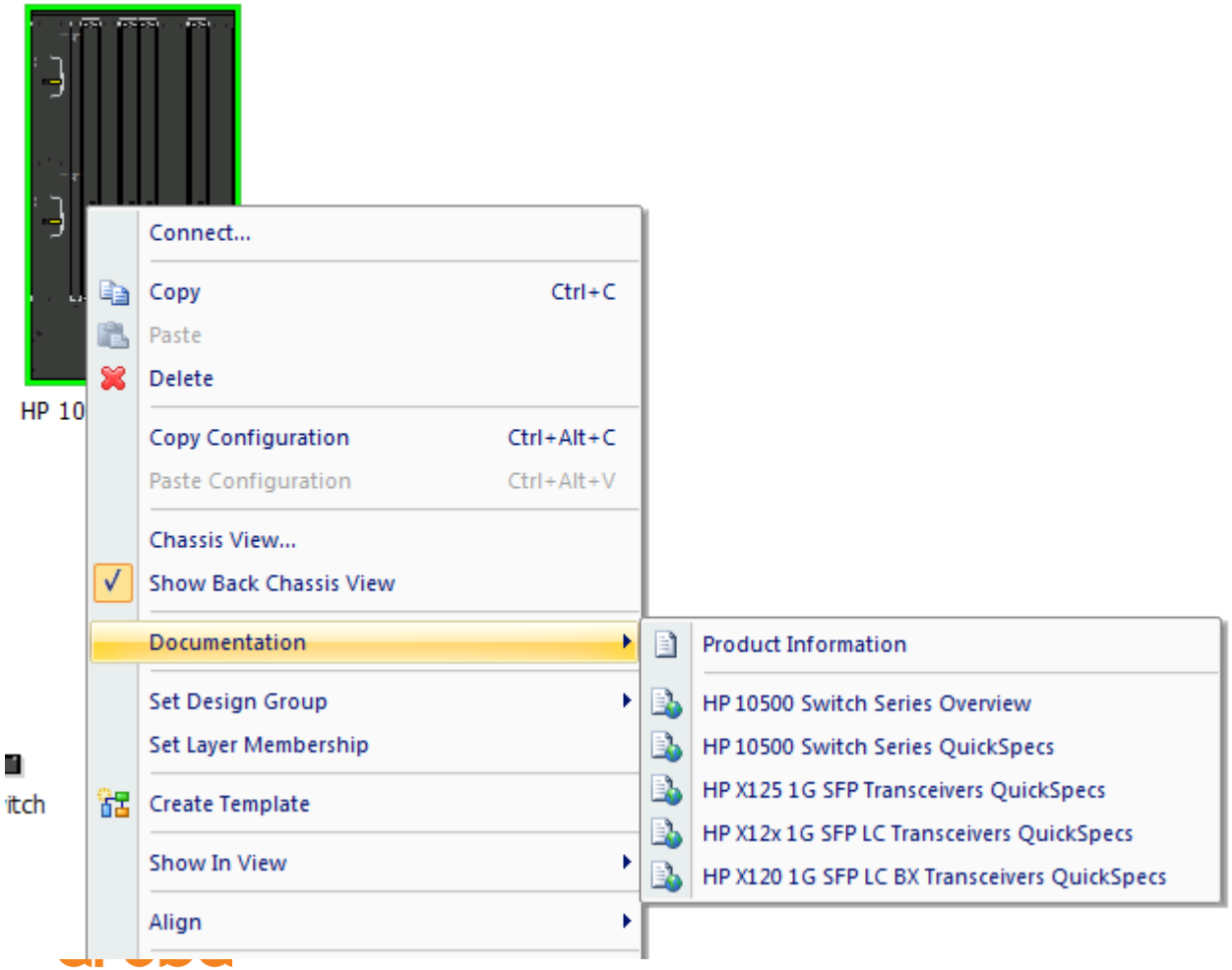
Documentation 100% 활용 – Product Information

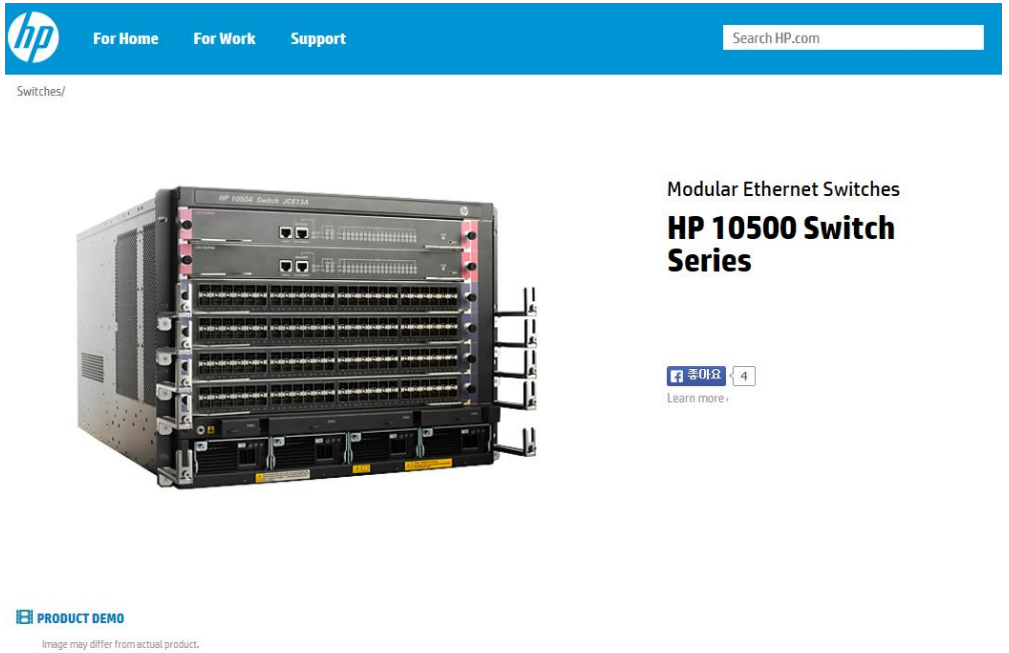


0500 Switch Series Product Information

Product	10504 Switch Chassis	10508 Switch Chassis	10508-V Switch Chassis	10512 Switch Chassis
	KRW8,480,376 chassis only	KRW11,281,421 chassis only	KRW12,289,320 chassis only	KRW24,872,292 chassis only
Part Number	JC613A	JC612A	JC611A	JC748A
Switch Type	Modular Chassis	Modular Chassis	Modular Chassis	Modular Chassis
Management	Fully Managed	Fully Managed	Fully Managed	Fully Managed
Routing / Switching	Layer 3 Advanced	Layer 3 Advanced	Layer 3 Advanced	Layer 3 Advanced
Included Accessories				
Included Accessories	includes: 1 x JC632A fan tray	includes: 1 x JC633A fan tray	includes: 1 x JC634A fan tray	includes: 1 x JC758A, JC773A 2 fan tray slots
Physical Properties				
Dimensions	25.98(d) x 17.32(w) x 13.9(h) in. (66.0 x 44.0 x 35.3 cm) (8U height)	25.98(d) x 17.32(w) x 24.41(h) in. (66.0 x 44.0 x 62.0 cm) (14U height)	25.98(d) x 17.32(w) x 34.88(h) in. (66.0 x 44.0 x 88.6 cm) (20U height)	25.98(d) x 17.32(w) x 31.38(h) in. (66.0 x 44.0 x 79.7 cm) (18U height)
Weight	85.32 lb. (38.7 kg) chassis 184.28 lb. (83.59 kg) full configuration weight	125 lb. (56.7 kg) chassis 271.06 lb. (122.95 kg) full configuration weight	169.53 lb. (76.9 kg) chassis 317.02 lb. (143.8 kg) full configuration weight	166.23 lb. (75.4 kg) chassis 380.95 lb. (172.8 kg) full configuration weight
Port Types				
LAN Ports	up to (192) 10/100/1000 LAN ports with optional modules	up to (384) 10/100/1000 LAN ports with optional modules	up to (384) 10/100/1000 LAN ports with optional modules	up to (576) 10/100/1000 LAN ports with optional modules
Dual Personality Ports	N/A	N/A	N/A	N/A
SFP Ports	up to (192) SFPs ports with optional modules	up to (384) SFPs ports with optional modules	up to (384) SFPs ports with optional modules	up to (576) SFPs ports with optional modules
SFP+ Ports	up to (192) SFP+ ports with optional modules	up to (384) SFP+ ports with optional modules	up to (384) SFP+ ports with optional modules	up to (576) SFP+ ports with optional modules
XFP Ports	up to (16) XFP ports with optional modules	up to (32) XFP ports with optional modules	up to (32) XFP ports with optional modules	up to (32) XFP ports with optional modules
X2 Ports	N/A	N/A	N/A	N/A
CX4 Ports	N/A	N/A	N/A	N/A
10GBASE-T Ports	N/A	N/A	N/A	N/A
QSFP+ Ports	up to (32) QSFP+ ports with optional modules	up to (64) QSFP+ ports with optional modules	up to (64) QSFP+ ports with optional modules	up to (96) QSFP+ ports with optional modules
Module Slots	4 open module slots 2 MPU (for management modules) slots 4 switch fabric slots	8 open module slots 2 MPU (for management modules) slots 4 switch fabric slots	8 open module slots 2 MPU (for management modules) slots 4 switch fabric slots	12 open module slots 2 MPU (for management modules) slots 4 switch fabric slots

Documentation 100% 활용 – Overview





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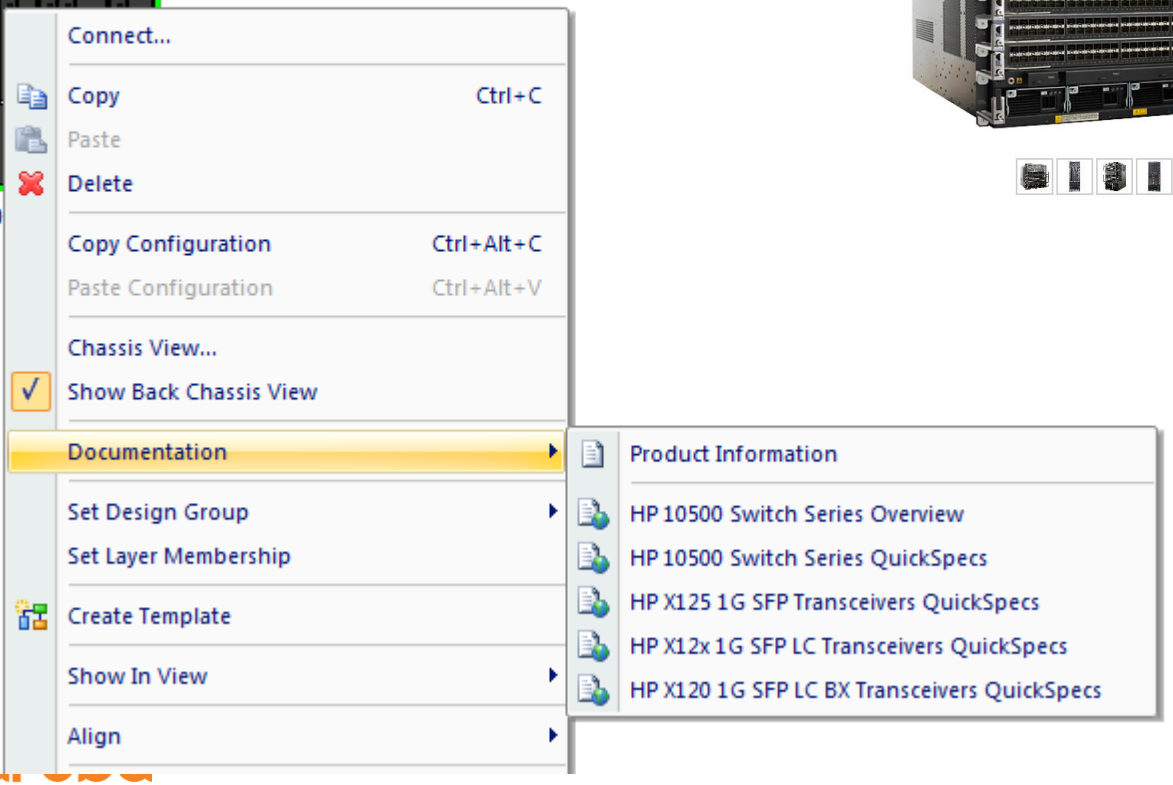
Documentation 100% 활용 – QuickSpecs

HP 10



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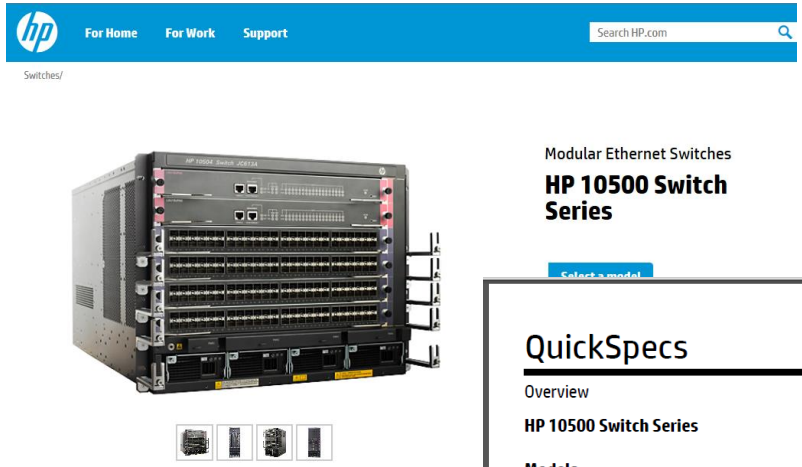

Modular Ethernet Switches

HP 10500 Switch Series

QuickSpecs

HP 10500 Switch Series

Overview

HP 10500 Switch Series

Models

HP 10504 Switch Chassis	JC613A
HP 10508 Switch Chassis	JC612A
HP 10508-V Switch Chassis	JC611A
HP 10512 Switch Chassis	JC748A

Product overview

The HP 10500 Switch Series se
architecture. Designed for ent
capable infrastructure. The sw
consumption.

With HP Intelligent Resilient Fa
and virtualized across up to fo
series, along with the entire HI
Center (IMC), which provides a

QuickSpecs

HP X125 1G SFP Transceivers

Overview

Models

HP X125 1G SFP LC LH70 Transceiver	JD063B
HP X125 1G SFP RJ45 T Transceiver	JD089B

Key features

- SFP form factor
- 1G Ethernet transmission speed
- Up to 70km transmissions on single mode fiber
- 1550nm wavelength
- MSA compliant

Product overview

HP transceivers are designed and rigorously tested to meet the needs of critical network deployments. This product is a small form-factor pluggable SFP Gigabit LH70 transceiver that provides a full duplex Gigabit solution up to 70km on a single-mode fiber. Use only genuine HP transceivers in HP networking equipment.

Warranty and support