



FEATURES & BENEFITS

- Automated connections are instantaneous and guaranteed
- Scalability to over 100,000 ports
- Port speed flexibility ranging from <1Mbps to 10Gbps
- Application flexibility from v.35 to 10GE per port
- Fully redundant, modular design for 99.999% availability
- Circuit confirmation and logging for simple tracking and reporting
- Integrated diagnostics for monitoring & fault isolation
- Integrated test access ports for flexible monitoring tool use
- Media and WDM conversion for distance extension
- Ultra-low latency (< 10ns typ.) for time sensitive applications

FUNDAMENTAL VALUE



SAVE TIME

- Moves, adds or changes
- Planning or troubleshooting
- Record keeping



INCREASE UTILIZATION

- Data center equipment
- Test or monitoring tools
- Personnel productivity



REDUCE COSTS

- Capital expenses
- Operating expenses
- Power consumption

UCS™ 2900 UNIVERSAL CONNECTIVITY SYSTEM™

Overview



The UCS™ 2900 is a family of network switching products that automates and virtualizes data center and test infrastructure. The platform helps network managers save time, increase utilization and dramatically reduce costs compared to manual patching or complex mesh switching architectures.

OnPATH's patented 3-stage switching technology is the heart of the UCS™ 2900 platform, providing the industry's most scalable and reliable switching system of up to 4,096 non-blocking and over 100,000 meshed ports. The UCMS™ management and monitoring software offers the highest security and integrated diagnostics to simplify connectivity management with point-and-click provisioning and full remote control of the UCS 2900™ system.

Applications

The UCS™ 2900 platform solves connectivity and monitoring challenges for a variety of high-performance applications:

- Data center network infrastructure virtualization
- Application service provider network reconfiguration
- Test lab automation
- Network monitoring and tool provisioning
- Federal and high-security networking

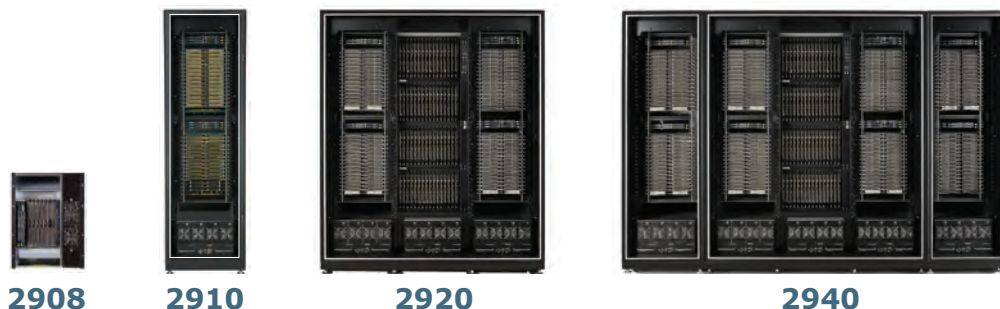
THE ONPATH ADVANTAGE



OnPATH Technologies is the leading provider of scalable connectivity & monitoring solutions for high-performance networks. Our solutions offer the highest scalability, most complete security and best integrated diagnostics across the industry. Contact us today for an engineering application review or network consultation.

UCS™ 2900 PLATFORM

The UCS™ 2900 is a family of four scalable systems with universal module slots, designed to accommodate a variety of high-performance connectivity and monitoring applications. The systems include a fully redundant architecture with hot-swappable, field replaceable parts for the industry's highest availability.



The modular architecture of the UCS™ 2900 enables a “pay as you grow” model for the ultimate in flexibility and scalability. Each of the four systems is designed to support the capacity needed per application or site.

Table 1: Maximum capacity per system

System	2908	2910	2920	2940
Max # modules per system	8	32	64	128
Max # ports per system	256	1024	2048	4096

Mesh networking of multiple 2900 systems provides scalability over 100,000 ports

The protocol independence of the UCS™ 2900 enables any and all protocols to be supported across a wide range of data rates from <1Mbps to 10Gbps. The universal blades or port interface modules provide any-to-any connectivity, while the integrated test access ports and broadcast functions allow for non-intrusive monitoring and one-to-many connectivity.

Table 2: Port interfaces supported

LAN Interfaces	SAN Interfaces	MAN/WAN Interfaces	WAN - Legacy Interfaces
Ethernet copper: 10/100/1000Mbps	ESCON: 200Mbps	SONET/SDH: 155/622/2488/9953Mbps	Serial copper: RS-232/422, EIA-530
Ethernet fiber: 1/10Gbps	FICON: 1/2/4/8Gbps	OTN 1/2: 2.5/10Gbps	Modem/Router: V.35
ATM: 155/622 Mbps	Fibre Channel: 1/2/4/8 Gbps		PDH DS1/3 copper: 1.5/45 Mbps

OnPATH Technologies offers full life cycle services to plan, build and care for high-performance networks. All OnPATH products are supported by our 24/7/365 help desk and field technical support services. For more information, please call 877-468-5784 or service.request@onpathtech.com.



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