

Features:

- Very low latency any-to-any, non-blocked connectivity with automatic rerouting for bad connections
- Scales up to 4,096
- Support for a wide variety of fiber and copper interfaces
- Speed- and protocol-independent
- The highest levels of RAS (reliability, availability and serviceability)
- Hot-swappable, redundant components with automated fail-over
- Advanced diagnostics
- Local or remote management
- System and circuit alarms
- Robust security

Benefits:

- Attain data center agility
- Realize a real-time infrastructure (RTI)
- Implement power & cooling initiatives with ease
- Reduce costs through operational efficiencies
- Consolidate resources
- Enhance performance
- Easily connect remote sites for 24/7 support
- Easy DR/BC testing setup to achieve corporate and federal mandates for compliance

UNIVERSAL CONNECTIVITY SYSTEM™ 2940 (UCS™ 2940)



The OnPATH Technologies company name may be new, but our physical layer connectivity solutions have a long history of success. With over 1,000,000 ports of connectivity installed globally, OnPATH's physical layer switching products have been at the heart of over 30% of North American Fortune 100 companies, plus many large government network operations, for over 20 years.

The UCS 2940 is part of the UCS™ 2900 product line of physical layer connectivity switch solutions. The UCS 2940 enables data centers to automate, simplify, solidify, and secure the physical interconnection of data center equipment—locally or remotely. The UCS 2940 virtualizes the physical infrastructure layer by making all network changes and cable moves, adds, and changes with a click of the mouse—instead of under the floor tiles.

Designed for the rigorous uptime demands of enterprise networks, the UCS 2940 combines highly scalable and highly available switching architecture with support for the latest high-speed interfaces—making it the most advanced and scalable system available on the market today.

UCS 2940 Highlights

The UCS 2900 series is the most advanced system available, capable of meeting stringent compliance requirements, easily connecting global systems, and decreasing costs while increasing efficiencies.

- UCS 2940 is designed for speeds up to 10Gbps.
- UCS 2940 supported functions include:
 - Port or group connectivity and switching, multiple connectivity maps and instant electronic reconfigurations,
 - User defined port or group alarming and alarm history,
 - Bridging of test equipment for passive monitoring of circuits,
 - Insertion of test equipment for interactive (intrusive) testing.
- Supports high speed data communications including OC-3 (STM-1), OC-12 (STM-4) and OC-48 (STM-16), in addition to lower speed interfaces including T1. LAN connectivity is provided for 10Mbps, 100Mbps, and 1Gbps Ethernet, as well as ESCON, FICON and Fibre Channel SAN interfaces.
- The UCS 2940's control system, TSS™, is a Microsoft® Windows®-based application that acts as a database and communications server for the entire system. This system supports local and remote switches and popular SNMP management tools. These control applications are complemented by the ability to allow a user to initiate external PC-based test equipment attached to the UCS 2908 switch from the main topology screen, providing the user immediate access without running through multiple PCs and applications.
- The 2900 family is backward compatible with interfaces and control systems introduced with OnPATH Technologies' 2700 and 2800 switching systems, providing investment protection.

SPECIFICATIONS UCS™ 2940

| | |
|--------------------------------------|--|
| Switch Core | 3-stage crosspoint switch |
| Scalability | Up to 4,096 non-blocking ports |
| High availability | Redundant paths for each connection, redundant and hot pluggable cooling and power, hot pluggable port interface modules |
| Performance | |
| Port speed | Up to 10 Gbps |
| Port types supported | LAN Copper: 10/100/1000 Fiber: 10/100/1000/10000 MAN Fiber: Up to 10 Gbps SAN ESCON: 200 Mbps FICON/FCS: 1/2/4/8*/10 Gbps WAN Copper: RS-422 up to 2 Mbps, T1 Fiber: OC-3/STM-1, OC-12/STM-4, OC-48/STM-16 *2008 Release Date |
| Management | |
| Access | Ethernet or serial |
| 2940 Physical Characteristics | |
| Dimensions (H x W x D) | 80" x 140" x 42.75" 203.2 cm x 355.6 cm x 108.6 cm |
| Weight | 3620 lbs., 1642 kg |
| Power | |
| Power supplies | 13Kw |
| Operating voltage (max) | 207-253 VAC |
| Power source loading | 10 x 30A @ 220VAC |
| Plug | NEMA L6-30P |
| Environmental Operating | |
| Temperature | +5° C to +40° C (+41° F to +104° F) |
| Humidity | 20% to 85% non-condensing at 40° C |

| | |
|---|---|
| Non-operating | |
| Temperature | -40° C to +60° C (-40° F to +140° F) |
| Humidity | 20% to 85% non-condensing at 40° C |
| Regulatory Approval Safety | |
| <ul style="list-style-type: none"> • UL60950-1 (USA) • CAN/CSA C22.2-60950-1-03 (Canada) • IEC60950 third edition (European Union) EMC • FCC Part 15 Class A (USA) • ICES-003 Class A (Canada) • EN55022 Class A (European Union) • EN55024 (European Union) • EN61000-3-2 (European Union) | |

OnPATH Technologies offers full life cycle services, including design/consulting services and multi-vendor implementation/integration services. All OnPATH Technologies products are supported by our 24/7/365 help desk and remote dial-in support. On-site hardware support and depot spares are available. For more information about the Universal Connectivity System™ 2900 and OnPATH Technologies' services consult your sales representative or refer to our web site: www.onpathtech.com.



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