



ECLIPSE





Switch to Eclipse.

Eclipse™ is an optimal alignment between up-front cost and long-term risk that will change forever the way you plan your network. A unique combination of breakthrough features combined in a single platform enables you to have the best of all worlds, by minimizing today's capital costs while also protecting your investment against the uncertainty of tomorrow. With Eclipse you can be ready for whatever the future has in store.

What are you waiting for? Now is the perfect time to switch to Eclipse.



Save Today. Save Tomorrow.



Save Today

You'd be amazed at how much you get in one box

- A single Eclipse node supports multiple radio links
- More functionality in one box for a higher level of network integration
- Super-PDH™ networking eliminates SONET equipment
- Eclipse nodes eliminate ancillary equipment and external cabling
- Save by paying only for the capacity you require today
- Save up to 60% on spares
- Faster deployment with fewer personnel and less test equipment
- Save on rack space, power plant, and power supplies

Eclipse delivers true savings today.



Save Tomorrow

Are your future requirements clear enough to make the right choice today?

- You get the right solution for today and can save up to 35% on your future upgrade costs, all with minimal network disruption.
- A smooth upgrade path to packet-based Ethernet backhaul to support next-generation radio access networks.
- Breakthrough product reliability and less network equipment add up to reduced maintenance costs and fewer mistakes.
- A revolutionary software suite reduces the need for site visits with powerful control features. This is coupled with advanced intelligence gathering that preempts costly equipment failures.

Eclipse lets you have the network you need today with secure savings no matter what tomorrow brings.



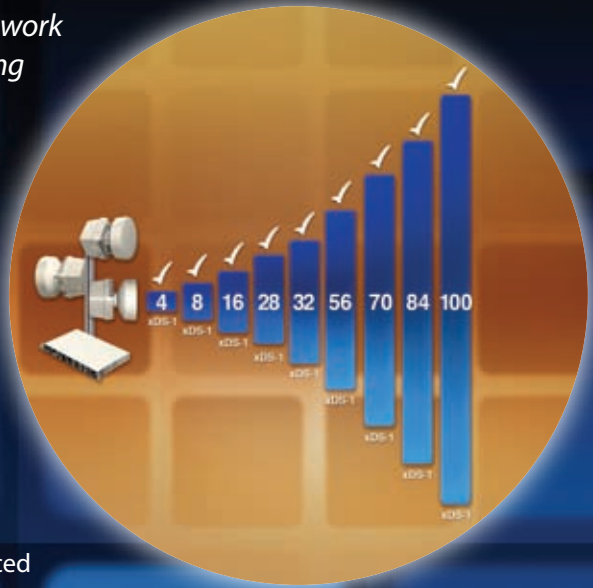
Super-PDH Networking Replaces SONET

Eclipse offers an alternative to traditional backhaul network architectures with new high-speed, Super-PDH™ networking that expands the reach of PDH from the network edge right through to the high-capacity core.

Eclipse Super-PDH networking provides the following benefits:

- Capacities of 28, 32, 56, 70, 84, and 100x DS1 to fill the capacity gap between PDH and SONET
- Eliminates the need to deploy SONET, cutting from the network costly multiplexers and network synchronization sub-systems
- Enables the use of lower-order modulation schemes to allow smaller antennas and longer radio paths with enhanced availability
- Self-healing rings with built-in path switching, DS1 circuit provisioning and performance monitoring

Eclipse Super-PDH networking enables significant savings today by building in many of the features of SONET, but at a fraction of the cost.

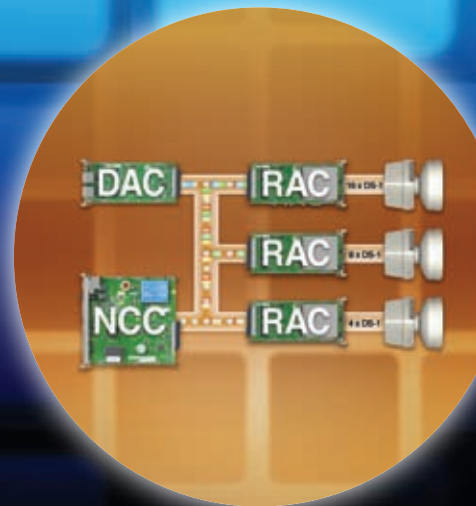


A Complete Network Solution in Every Node

Eclipse provides a highly optimized node solution to vastly simplify networks, saving on multiple indoor units, external tributary cabling and patch panels.



- A single modular indoor unit can connect up to six outdoor units, for a combination of non-protected or protected paths, to dramatically reduce the amount of rack space required.
- By simply by adding or changing plug-in modules you can add new radio links to a node or upgrade the local traffic interface.

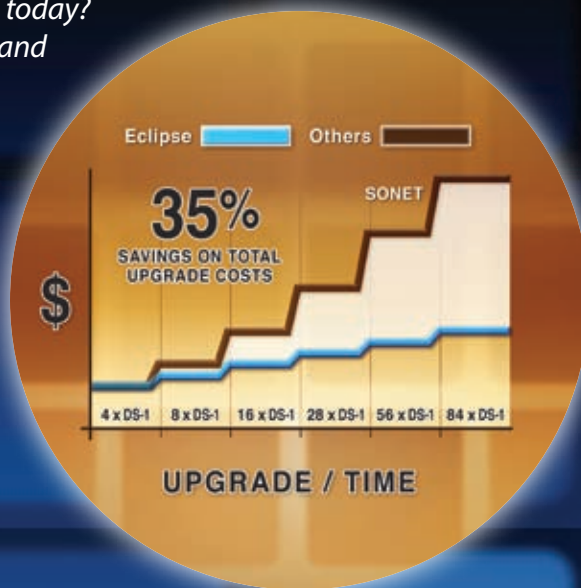


Smooth Capacity Migration and Network Expansion

Why install more capacity than you really need today?
Eclipse gives you true "pay as you grow" capacity and network expansion.

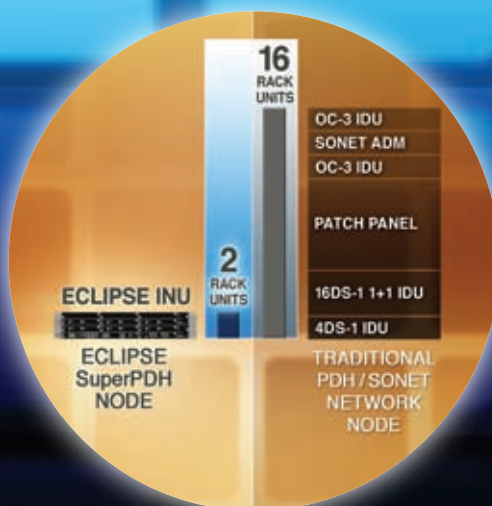
- Deploy only the capacity required today, and pay for more capacity only when and where it is needed
- Avoid costly equipment change-outs and redeployments
- The Eclipse architecture includes capacity-independent indoor and outdoor unit designs
- Scalable capacity and channel bandwidth through user-configurable software control
- You can migrate capacity from 4x to 100x DS1 with no hardware changes
- Add new links to existing nodes simply by adding a single plug-in card to the modular INU
- Reconfigure traffic through the node as needed with no external cabling

With Eclipse, you don't need to predict the future in order to save up to 65% on tomorrow's network upgrade costs.



- A high-speed TDM bus indoor architecture provides cableless traffic routing between each radio path and local customer interfaces, configurable by software.

- Traffic add/drop, aggregation and concentration, along with hardware, path and ring protection switching.



- Each Eclipse indoor unit has a complete network solution built into every node, removing the need to collocate external switches, multiplexers and patch panels.

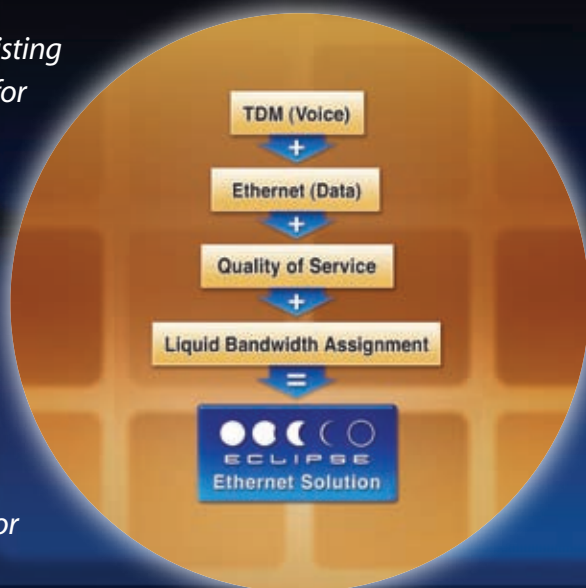
Switch to Eclipse network node solutions and change the way you plan your network forever.

Liquid Bandwidth Ethernet Solution

Tired of trying to carry your Ethernet traffic over inflexible existing telecom networks with fixed throughputs that were designed for voice applications?

Eclipse provides the most flexible solution yet for the transport of Ethernet plus TDM traffic on one platform. Liquid bandwidth assignment combines simple adaptation between the Ethernet and TDM physical layers and extensive quality of service controls with the unique scalable capacity architecture of Eclipse.

The resulting flexibility provides operators with unrivalled control, while also avoiding costly protocol translations or technology overlays.



Eclipse Software Solution

The Eclipse software suite provides the ultimate in device control and network intelligence gathering. Despite its advanced nature the software is extremely easy to use.

*These exciting new features provide unprecedented **control**, from a single location with no field visits required:*

- Traffic circuits are traced, displayed, managed, and configured.
- Traffic faults are isolated by performing strategic loopbacks, followed by PRBS tests generated from within the radio.
- New radio software is transferred to single or multiple Eclipse radios and a date and time is set for auto activation.
- Radio capacity is changed and licenses are managed using a license management tool.

Network intelligence has reached a new level with Eclipse software. Real-time and historical reporting provides users with meaningful information to preempt costly network outages:

- Radio inventory data and fault reports.
- Radio performance data displaying history and trends.
- Ethernet statistics and port usage visualization.



Switch to Eclipse. Save

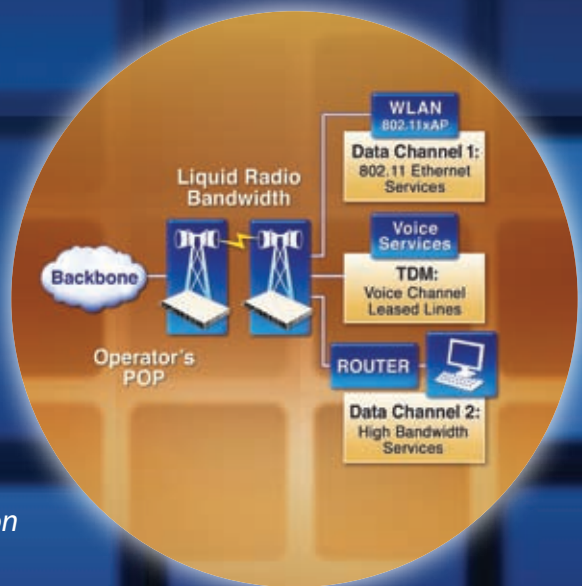
Features:

- Combined transport for TDM voice and Ethernet data traffic over a single radio channel
- Liquid assignment of radio bandwidth between 4xDS1 and 100xDS1
- A built-in, 4-port switch with Layer 2 operation to minimize delays
- Service differentiation through user-configurable VLAN and QoS features
- Early warning capacity alerts, whereupon throughput can be increased remotely by software control
- Removes costly external multiplexers and ancillary equipment from the network
- Reduces router requirements by eliminating expensive PDH or SONET blades
- Seamlessly integrates into Eclipse Super-PDH networks

Applications:

- Private and enterprise networking applications such as LAN extensions and Ethernet bridging
- Adaptable, high-speed data connectivity as an alternative to fiber or copper for metro networks
- Optimized backhaul solution for IEEE 802.xx broadband wireless access base stations
- Migration to next-generation, all-IP mobile network infrastructure

You'll save on today's costs, and have a smooth upgrade path to support higher speeds and simple TDM to IP/ATM traffic migration in the future.



- Network alarms are exported and analyzed.
- Online probable cause information and recommended actions are displayed for all alarms.
- Radios carrying important traffic are prioritized and managed accordingly.

*Eclipse software has been designed with the customer in mind. It is remarkably **easy** to install, use, and administer and it integrates nicely with multi-vendor management software. Here's what our customers have said about it:*

"...a refreshing step forward in network management systems. Finally a system for users, not Engineers"

"...is faster and easier to use than any other product we have used on our microwave network"

"...installation and configuration was as easy as Microsoft Office"

"...ease of use approach, will save us money on our training of our operations staff with its ease"

Switch to Eclipse

Only Eclipse gives you the complete solution with a unique alignment of features:

- Modular indoor unit design, **plus**
- Integral TDM Bus architecture, **plus**
- Powerful node configurations, **plus**
- Smooth capacity migration.

Eclipse saves you costs today and tomorrow, and reduces the risk of not being able to predict your future requirements.

Don't be satisfied with a partial solution. Experience the total Eclipse today.



Save Today. Save Tomorrow.



Harris Stratex Networks, Eclipse, ProVision, and Super-PDH are trademarks or registered trademarks of Harris Stratex Networks Operating Corporation, a wholly owned subsidiary of Harris Stratex Networks, Inc. and/or its subsidiaries in the United States and other countries.

© Harris Stratex Networks, Inc.(2004 -2008)

Data subject to change without notice.

For more information, please visit: www.harrisstratex.com

b_ansi_ecli_040308



CE06780