Delivering Effective Element Management for RELIABLE Networks
Reducing Costs While Improving NETWORK PERFORMANCE is the PROBLEM...
In some cases, the time and expense is so large that maintenance is delayed or skipped completely, which negatively affects the performance of your network.
Successful network management is a vital part of ensuring you receive a profitable return on your equipment investment. You work hard to run a reliable network while also managing the rising costs of daily maintenance. Unfortunately, typical operations, such as service provisioning, can be costly, error-prone and even unresponsive to your customers’ expectations. Other day-to-day tasks and maintenance are either performed individually and irregularly on each network element (NE) or neglected completely. Although ongoing maintenance and upgrades are necessary, it is reasonable to believe that reliable managing your network, each process can eat away at time and money. Engineering new circuits will require searches of paper or electronic database records. Circuit implementation involves coordinated efforts from craft personnel at multiple offices. Disconnecting a circuit necessitates meticulous record keeping to prevent stranded network capacity.

Additionally, you know the importance of maintaining NEs with the latest software releases. You also know that the complexity and expense can sometimes erode the benefits. Moreover, one top priority is managing access to each NE to ensure your revenue-generating network element hardware needs to be updated. You spend more time searching for affected nodes and units than actually replacing them. As if managing all these tasks weren't enough, your customers are ultimately concerned about your ability to respond quickly when problems or outages occur.

In the end, you are faced with difficult choices in minimizing time and/or money to maintain your network. Each choice may risk the health of your network or erode your profits. Simple problems, such as a lack of a single time base, can slow the process dramatically. Retraining and correlating performance data can be extremely challenging if using conventional methods and test equipment, especially across several rings or connections. Simple problems, such as a lack of a single time base, can slow the process dramatically. For example, a technician may spend hours downloading software for a single NE. The algorithm created for the NETSMART 1500 EMS called Remote Intelligent Parallel Loading (RIPL) automates the day-to-day tasks required to speed services delivery to your customers.

The NETSMART® 1500 Element Management System (EMS), you can leverage our 20 years of network management experience to reduce provisioning and maintenance costs, while simultaneously improving network performance and reliability. Move from a discrete and distributed network management model to a centralized networ-
NETSMART 1500 EMS software offers enhanced network reliability and reduced operations costs by automating day-to-day tasks, reducing operator errors, speeding delivery of revenue-generating services and simplifying network maintenance.
Automating and Centralizing NETWORK PROVISIONING and Maintenance is the SOLUTION
Rely on an Industry Leader
With more than 300,000 NEs deployed in North America, Fujitsu sets the standard for performance, reliability and carrier-grade quality. Fujitsu equipment provides true carrier-class quality so even in the event of a fiber cut, your networks remain operational thanks to the built-in protection, redundancy and switching.

The widely deployed FLASHWAVE® 4000 Multiservice Provisioning Platforms (MSPPs) target the converging telecommunications marketplace with transport of traditional Time Division Multiplexing (TDM) private line, Ethernet, Frame Relay, ATM, broadband video or any combination of these services over SONET. Full compatibility with the vast embedded SONET infrastructure deployed across North America ensures that new services can be introduced quickly with minimal impact on existing operating procedures and Operational Support Systems (OSSs).

The next-generation FLASHWAVE 7000 Wavelength Division Multiplexing (WDM) platforms provide highly scalable transport of all Layer 2 or Layer 3 services across access, metro, regional, long haul and ultra long haul, high capacity networks. The systems support a wide variety of popular services, including disaster recovery, business continuity and transparent wavelength access, within large-scale carrier infrastructures and dedicated, private networks.

The NETSMART 1500 EMS software simplifies the management, provisioning and surveillance of Fujitsu optical transport products, including the FLASHWAVE 4000 MSPPs, the FLASHWAVE 7000 WDM platforms and the FLM family of SONET NEs. The software provides full control over Fujitsu NEs through simplified point-and-click provisioning from a centralized location. The NETSMART 1500 integrated EMS includes a comprehensive suite of network and element management tools for Ethernet, WDM, Wide Area Network (WAN), Storage Area Network (SAN), SONET, SDH and ATM services. When innovative and complex services are introduced, NETSMART 1500 EMS software continues to grow with the network—securing your existing investment.