

NetBoss XT[®]

Overview

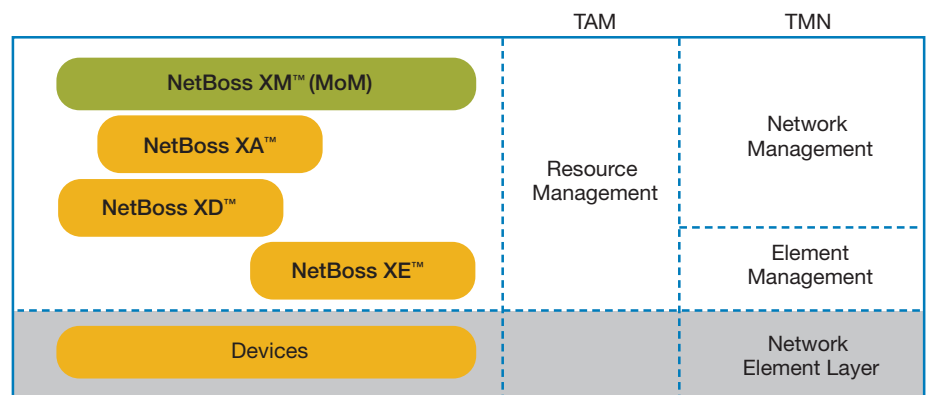
NetBoss XT—the latest innovation in a more than 20-year history of service, network and resource management solutions from Harris Stratex Networks—is a richly featured yet affordable family of solutions for resource management applications. Flexible and versatile, NetBoss XT[®] is offered in four configurations: NetBoss XE[™] Element Manager, NetBoss XA[™] Alarm/Event Collector, NetBoss XD[™] Domain Manager, and NetBoss XM[™] Manager of Managers. The XT family offers the advantages of both resource management solution flexibility and a common advanced technology foundation that dramatically lowers operational costs and raises return on investment.

A single solution-set, configurable to fit your specific management architecture needs.

Management system architectures vary greatly in complexity and scale, so a single product configuration cannot span them all. NetBoss XT's four configurations—XE Element Manager, NetBoss XA Alarm/Event Collector, XD Domain Manager, and NetBoss XM Manager of Managers—provide the flexibility needed to create tailored, efficient management system solutions. Regardless of whether you are managing ten or ten thousand network devices, NetBoss XT has the right solution for you.

NetBoss XE: an element manager for your network equipment products

Developing an element management system (EMS) is an expensive proposition that can detract from the core business of designing products and features and developing your enterprise's business knowledge and expertise. Employing NetBoss XE as the element manager for your products substantially reduces this burden. It allows your engineering team or our NetBoss experts to build your EMS from NetBoss XE, rather than starting from scratch to develop a completely new EMS. This reduces EMS development effort and time to market, and lets you focus on product development.



NetBoss XT resource solutions span the full range of resource management needs

NetBoss XA: alarm and event collection for geographically broad networks

Managing a large, geographically dispersed network from a central location is a unique challenge: Operators can become overwhelmed by the high volume of alarms and events. The NetBoss XA Alarm/Event Collector summarizes, aggregates and prioritizes incoming events, significantly reducing the volume of alarms and events and expediting the most important ones. This capability ensures smooth, efficient operation and simplifies and lowers the cost of your data communications network. In addition, operators can configure summarization and aggregation functions according to your alarm and event management policies, providing additional operational flexibility.

NetBoss XD: your multi-technology, multi-vendor management solution

For mid-range management architectures, the NetBoss XD Domain Manager offers multi-technology, multi-vendor resource management and is scalable over a wide range of event and device volumes. With both high-volume event processing and advanced and flexible filtering, you can configure NetBoss XD to display only the events operators need to see, rather than overwhelming them with a flood of low-priority events. With NetBoss XD's efficient filtering, operators can more rapidly find, focus on and correct network problems, reducing troubleshooting and repair times and minimizing outage durations.

NetBoss XM: your multi-technology, multi-vendor Manager of Managers service assurance solution

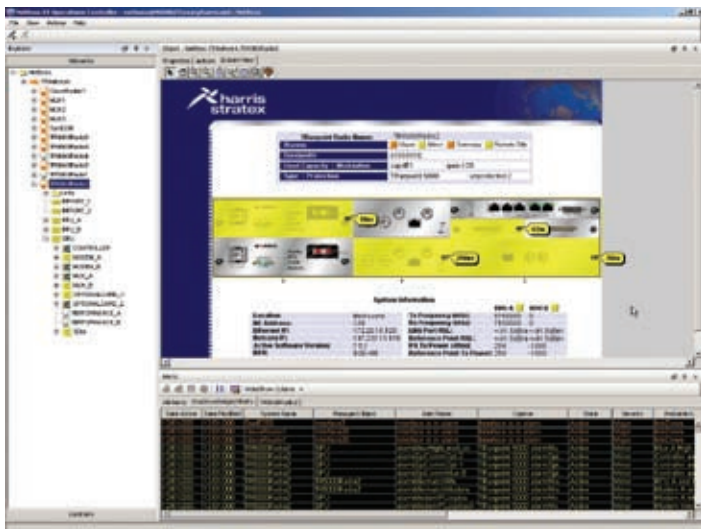
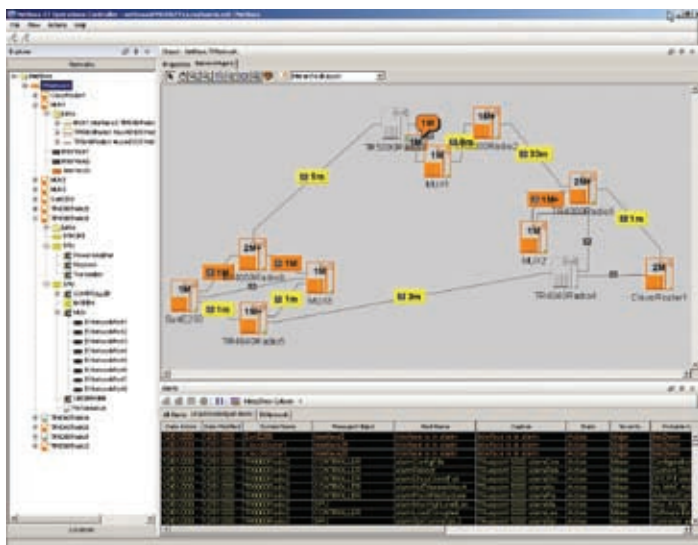
For large-scale management architectures, the NetBoss XM Manager of Managers offers multi-technology, multi-vendor resource management and is scalable over a wide range of event and device volumes. With the ability to manage networks at abstracted levels of details, high-volume event processing and advanced and flexible filtering and correlation, operators can find, and focus on issues in the network without having to wade through thousands of lower-level events to determine root cause and isolate trouble spots.

Satisfy high complexity management architecture needs with a combination of NetBoss XT products

For the very largest and most complex networks, an architecture consisting of NetBoss XE, NetBoss XA, and NetBoss XD can be managed by NetBoss XM. These four configurations are the most complete and versatile set of architectural building blocks for management systems in the industry. Their value is considerable: you get a management solution with cost and capacity scaled precisely to your network, rather than being forced to fit into a vendor's generic capability.

NetBoss XT technologies drive higher ROI and lower OPEX

The latest technologies and open industry standards are at the heart of the NetBoss XT technology advantage. They deliver higher ROI and lower OPEX, while adding valuable interface and platform flexibility. These advantages ensure that your NetBoss XT-based management solution will be just as applicable to your needs in years to come as it is today.



DMTF Common Information Model

The Distributed Management Task Force's Common Information Model (CIM) provides a standardized basis for NetBoss XT's representation of management information. CIM is a significant differentiator that simplifies and reduces the cost of interfacing to CIM-compliant devices and systems. The Harris Stratex Networks User Information Model (UIM) is a refinement that complements CIM, reduces its complexity and enables you to present only needed information to operators.

Java Technologies

The NetBoss XT family is completely Java-based. Among the most important of the NetBoss XT family Java technologies are Java Management Extensions (JMX), Java Authentication and Authorization Service (JAAS), Hibernate (object persistency, Java Swing GUI widgets) and Jview telecom graphics objects (JTGO) interface. These advanced Java technologies deliver multiple benefits, including modularity, platform independence, ease of integration and use, and consistent easy-to-learn GUIs, all of which lead to lower operational and training cost.

Multi-protocol Interface Support

NetBoss XT also provides support for multiple open standards-based management Interface protocols, including SNMP, XML over HTTP, CORBA, and TL1. Its published APIs also facilitate easy integration with third-party applications.

Multi-platform Support

NetBoss XT can be delivered to you on a Solaris™ or Windows® platform. This multi-platform support enables you to maximize your current IT equipment and development investment.



Harris Stratex Networks Management Solution Options

Need a more capable management solution? Augment NetBoss XT with these other proven Harris Stratex Networks management applications:

- NetBoss Executive Dashboard: dynamically display key indicators and performance measures using easy-to-read widgets, such as dials, thermometers, sliders, pie charts and bars (supported in Release 2.3)
- NetBoss Agent Studio: rapidly modify and update sophisticated and complex agents for NetBoss XT using the easy-to-learn-and-use agent development application

Harris Stratex Networks Services and Support

NetBoss XT is backed by a full complement of services and support resources. These include OSS integration and remote monitoring services, training and 24x7 expert support and maintenance.

OSS Integration Service

For over 20 years, our experience and professional staff has provided efficient and affordable OSS integration services that combine the robust capabilities of the NetBoss product portfolios with best-in-class third-party management products. With Harris Stratex Networks as your OSS integrator, you can concentrate on the success of your business while we, as a trusted partner, leverage our expertise and experience to deliver you a turnkey OSS.

Remote Monitoring Service

Is operating a NOC too expensive or challenging an undertaking for your enterprise? Consider outsourcing your network monitoring to Harris Stratex Networks. Our remote monitoring service offers a very cost-competitive solution to your needs. Our highly experienced NetBoss NOC staff will monitor your network from a state-of-the-art facility dedicated to this service, using the same NetBoss XT and NetBoss products we offer for sale.

NetBoss XT Training

Concerned about a steep learning curve? NetBoss XT is supported by a set of professionally developed and taught courses that can be given in our training center or at your site. Combining expert instruction with extensive hands-on exercises, these courses bring your staff quickly up to speed.

NetBoss XT Support

When I call support, will someone be there? Will they be experienced? Will they know the product? Are these your concerns about your OSS vendor's support? NetBoss XT's experienced, in-house, 24x7 support staff eliminates these concerns. Efficient, organized and knowledgeable, driven by quality and performance processes that measure their effectiveness to a high self-imposed standard, this team has consistently garnered high praise from customers for its efficient troubleshooting and problem resolution.

The NetBoss XT Advantage

Architectural flexibility, functional capability, advanced technology, outstanding services and support. The domain knowledge mastery of a DMTF-, TMF- and TMOC-contributing member. Backed by the deep resources of an established business with decades of experience.

Each of these NetBoss XT characteristics is a notable and significant advantage. Infinitely more powerful is their combined effect, when all are put to work for you and your business as an efficient and effective management solution that makes a significant contribution to your business momentum and growth. This is the NetBoss XT advantage. Contact us to discover how it can be put to use for your business.



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