

NetCracker®

The essential foundation for next-generation OSS

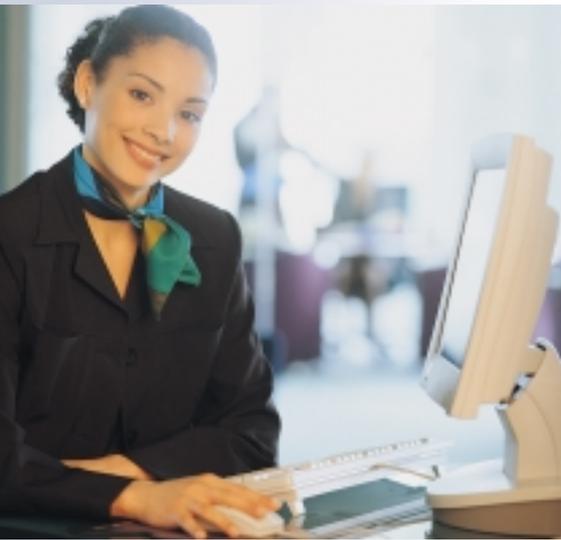
Network Inventory Management Solutions



Web-based enterprise-wide data repository



Delivering immediate bottom-line benefits and long-term strategic advantage



NetCracker Network Inventory

Management Solutions provide a

fully Web-based, enterprise-wide

data repository for your network

infrastructure. This repository

delivers a timely and accurate

representation of network data in

a highly visual format to enable

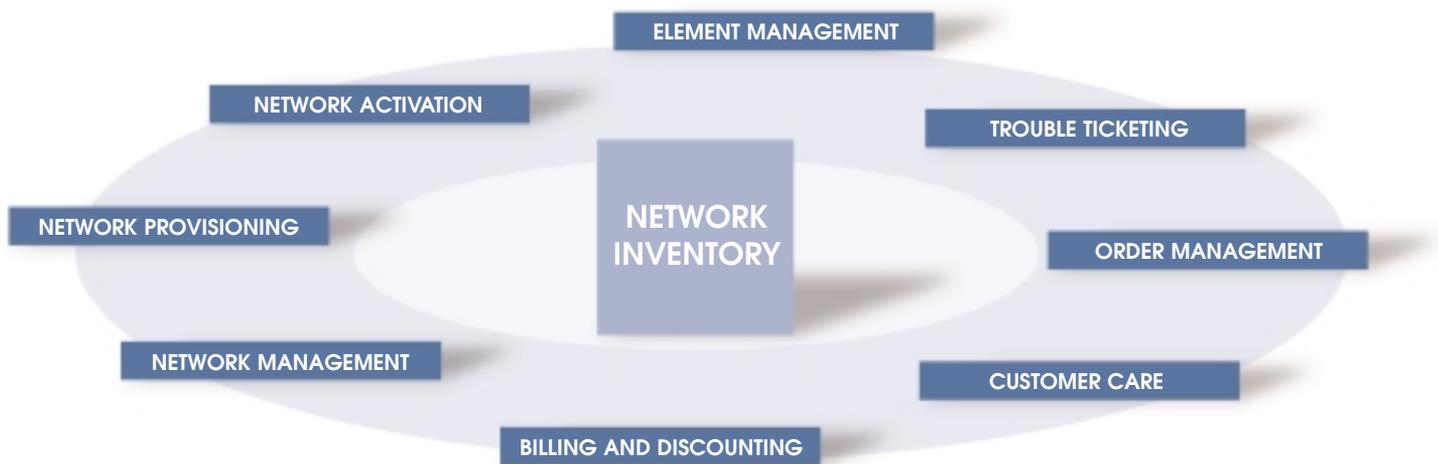
efficient and effective network

deployment, service provisioning

and activation, maintenance and

troubleshooting, customer service,

and sales and marketing.



▲ *Network Inventory is the core of OSS*

Providing greater intelligence for managing network inventory

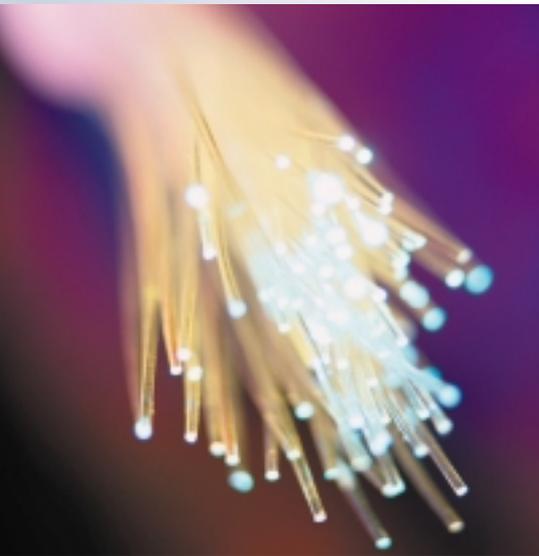
Both wireline and wireless service providers across all segments of the market rely on network inventory as the foundation of a successful OSS environment. Network inventory provides the essential link between order management and service activation, it complements performance and fault management, and it enhances asset management. To meet the intense demands of today's competitive telecommunications environment, a network inventory system must provide high levels of intelligence about your physical and logical network infrastructure. And it must make network inventory data accessible to other OSS applications quickly and cost-effectively.

NetCracker Network Inventory Management Solutions give you the competitive edge you need, providing comprehensive and detailed infrastructure data that is easily managed within a fully Web-based environment. It is the intelligent core of your OSS environment, enabling you to:

- ▶ **Shorten time to market for new service offerings**
- ▶ **Increase ROI from network infrastructure**
- ▶ **Scale your network efficiently to accommodate growth**
- ▶ **Handle changing customer needs responsively**
- ▶ **Streamline OSS processes to reduce operating costs**

Whether you are delivering next generation IP-based or traditional circuit-switched services, NetCracker Network Inventory Management Solutions have the intelligence to manage the full range of your network inventory. And because our solutions are built on an open, Web-based platform, you can leverage critical infrastructure, customer, and market data to maximize the effectiveness of your OSS environment. That's a formula for long-term competitive advantage.

Building a flexible, scalable core for rapid deployment and easy integration



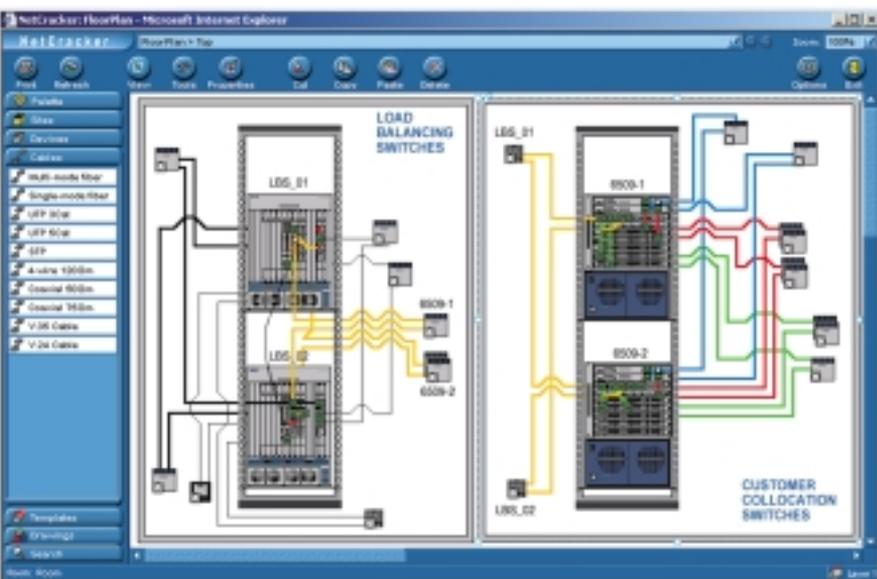
NetCracker Technology is a leader in the network inventory management market, and a pioneer in delivering Web-based solutions for competitive service providers. Our solutions provide a robust and flexible platform for tracking, monitoring, and managing the full range of your network inventory information. And they are designed to make it easy for you to share that information with your other OSS components. The key to making this possible is our set of core building blocks:

- ▶ **100% Web-Based System** — an open, collaborative environment for accessing and sharing critical network inventory data anywhere, any time
- ▶ **Open Java-Powered Platform** — the foundation for all of your OSS components to access and integrate with the inventory system
- ▶ **Distributed Object Architecture** — a highly flexible framework for managing infrastructure data, with the scalability to easily grow as your business requirements change
- ▶ **Intuitive Visual Interface** — a graphical tool for creating a highly visual and hierarchical representation of your network infrastructure
- ▶ **User-Definable Environment** — customizable tools to fit your specific business environment without programming

Working from this sound base of capabilities, NetCracker Network Inventory Management Solutions assure you of having maximum flexibility, extensive scalability, and broad integration options.

Addressing your immediate needs with a suite of powerful inventory management tools

NetCracker Network Inventory Management Solutions provide you with a suite of powerful tools to maximize the value of inventory data, to meet a wide range of OSS requirements, and to model your network for more effective capacity planning, forecasting, and subscriber support. With NetCracker, you are assured of having comprehensive network inventory information that stays current to meet your constantly changing needs.



NetCracker inventory management tools

With NetCracker, you can track a rich array of detailed properties on your physical and logical network resources, as well as market and customer-specific information, all of which is stored in a centralized database.

Physical inventory:

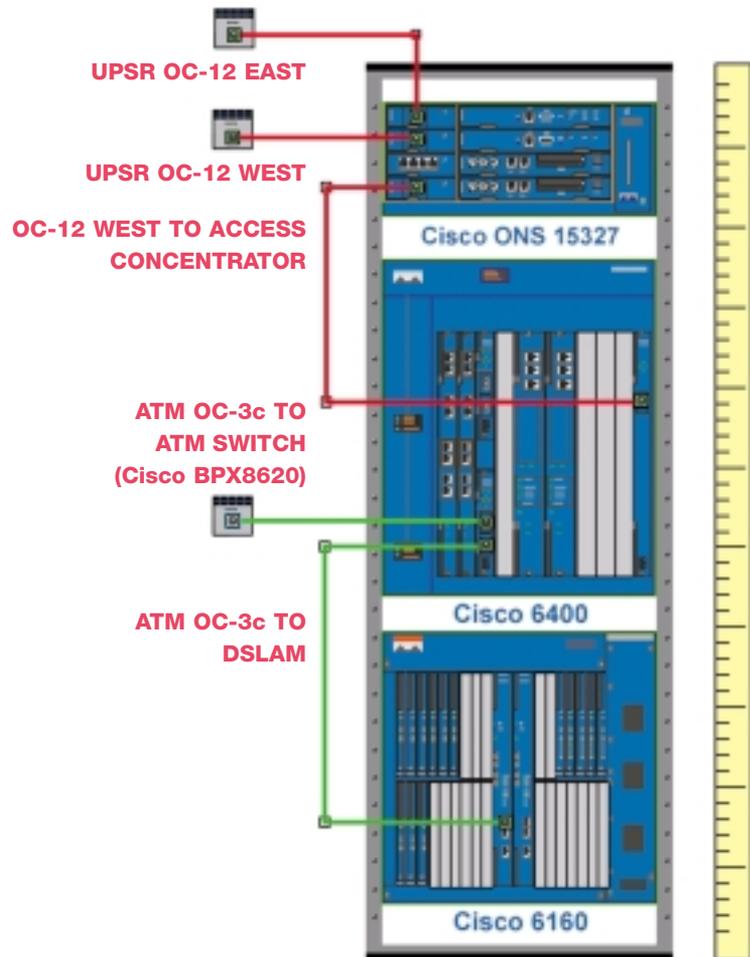
- ▶ Gain comprehensive information on all network devices, their configurations, and accessories
- ▶ Track all network equipment with respect to location hierarchy — such as building, floor, cabinet, rack, shelf, slot, blade, and port adapter
- ▶ Manage all connectivity information between devices, including cabling, port linkages, and availability

Logical inventory:

- ▶ Design and model any type of circuit or service — DLC, SS7, DSL, T1, T3, dark fiber, lambda, SONET, LAN, VLAN, ATM, FR, IP, VPN, Gig E, and others
- ▶ Track comprehensive circuit information through the network
- ▶ Manage IP addresses and other logical information — such as VPN and MPLS

Planning and Reconciliation:

- ▶ Graphically represent your entire network in a highly visual fashion that is easy to navigate — just select a top-level site, such as a market, and drill down into buildings, floors, racks, and devices
- ▶ Collaborate on design projects with colleagues, partners, and consultants regardless of their physical location by utilizing our web-based technology
- ▶ Create site, device, and service templates to enable rapid build-out of new locations
- ▶ Reconcile designs as they move through stages, such as “planned” to “as built”
- ▶ Maintain current inventory records by reconciling with NMS and EMS, and generating exception reports



NetCracker network design and planning tools

With an interface to our industry-leading database of over 35,000 devices from more than 500 manufacturers, it's as easy as point and click to set up your network. You simply assemble device icons and communications technologies on a browser-style workspace.

NetCracker Reconciliation

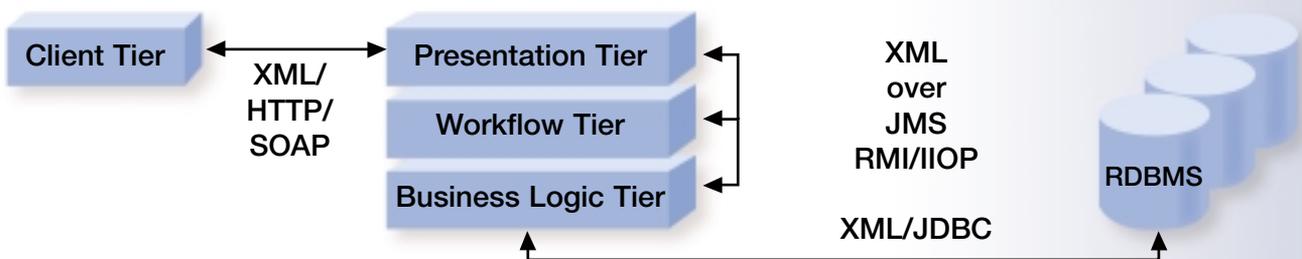
NetCracker Reconciliation enables you to quickly establish your inventory by identifying existing devices across your network. By interfacing with network and element management tools, NetCracker always keeps your inventory current while maintaining data integrity.

NetCracker professional services

To help you gain the most from NetCracker Network Inventory Management Solutions, NetCracker has a solid team of professionals ready to assist you in all phases of OSS planning and implementation.

Leveraging the NetCracker open architecture

The NetCracker platform is built on an open, n-tier architecture based on Sun's J2EE standards. On each tier, powerful industry-standard applications are employed to ensure ultimate scalability and integration capability.



Because the NetCracker platform is completely open, achieving the seamless integration you require is simple. Whether integrating NetCracker Inventory Management with NetCracker Provisioning, Network Design, or Order Management modules, or with other OSS software or legacy database systems, NetCracker solutions are architected for streamlined integration.

The NetCracker platform leverages XML, CORBA, and RMI technologies to access, query, retrieve, and update infrastructure data. In addition, NetCracker has a set of published APIs and adapters for complementary OSS software applications, which further shorten the time required to implement the NetCracker platform.

Put the power of intelligent network inventory management to work for your competitive advantage

The network infrastructure that supports your customers with enhanced services is complex — and growing in complexity. To compete in today's dynamic telecommunications marketplace, you must be able to respond quickly and intelligently to subscriber demands. This requires accurate and current data on all of your network infrastructure resources — to provide a basis for scaling your network, to speed new services to market, and to feed critical data that supports customer care.

NetCracker Network Inventory Management Solutions are the answer. With NetCracker, you get the open, Web-based enterprise repository for network inventory you need to grow successfully, control change efficiently, and enable flow-through provisioning.

For intelligent network inventory management that gives your operation a genuine competitive edge, there's only one choice: NetCracker Network Inventory Management Solutions.

For more information on NetCracker Inventory Management or other NetCracker OSS applications, including Order Management, Resource Provisioning and Facilities Management, contact us at: 1-800-477-5785 or 1-781-736-0860. Visit us on the web at www.netcracker.com.



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