

# NETadmin™ 8.4

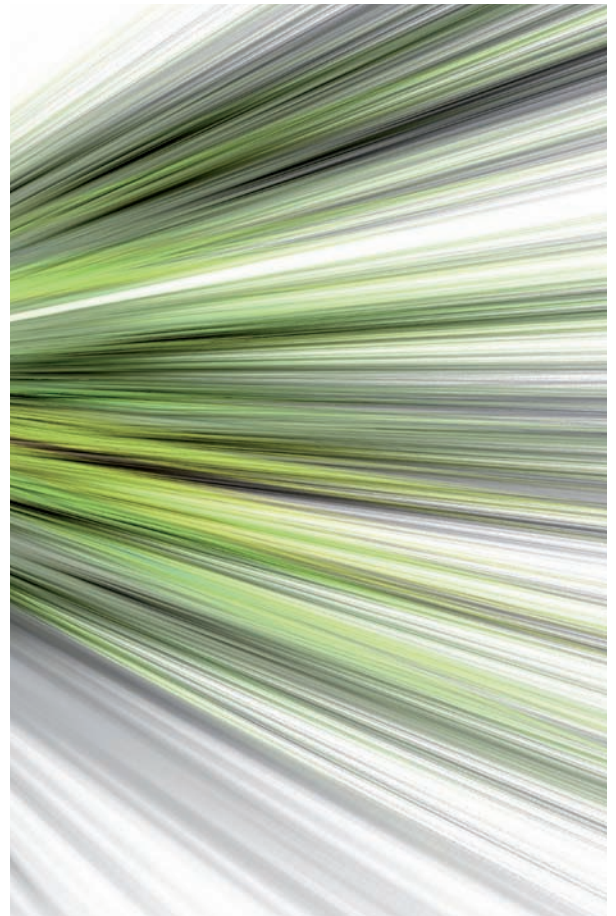
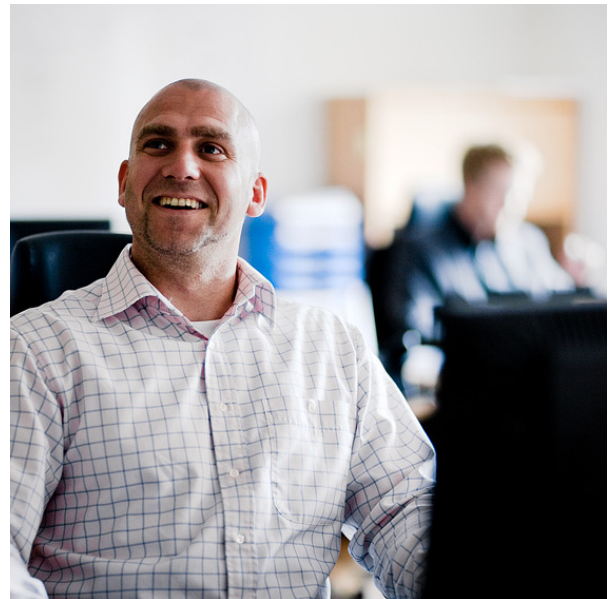
The all new NETadmin™ version 8.4 provides a big boost in both performance and quality, enabling rapid customer uptake and scalability. With the improvements in the new version the system is able to handle a larger set of network devices and end customers, providing all the tools required in order for cost effective operations in broadband networks. A considerable performance increase can be expected in certain areas of the system when installed in larger networks, making it a smoother experience for the users. By providing an end-to-end solution spanning the complete life cycle of the end customer, a significant decrease in OPEX is to be expected when using NETadmin™ to manage a broadband network.

## New operating systems

NETadmin™ version 8.4 runs on Windows Server 2008 R2 Standard 64-bit edition, which includes IIS 7 and Windows Firewall with Advanced Security. The NETadmin™ 8.4 Linux components run on the Linux Ubuntu distribution 9.10 64-bit, which is officially supported by VMWare and also has commercial support offerings available and a reliable release schedule.

## New database engine

The new NETadmin™ version uses MySQL Enterprise Server 5.1, bundled together with the system. MySQL 5.1 introduces new features such as support for triggers which can be used to simplify and improve integrations to third party products.



**NETadmin**  
www.netadminsistemas.com

The NETadmin™ system originates from 1998 as an in-house system of a pioneer fiber optics network operator and ISP in Sweden. In 2004 the system was spun out to an independent company, Netadmin Systems.

Netadmin Systems has a market leading position in the Nordic countries. The installed base consists of over 100 customers in 15 different countries that provide services to more than 1 million end customers by the support of NETadmin™.

## Performance and quality improvements

A summary of performance improvements in the NETadmin™ 8.4 release:

- ▶ NETadmin now runs on 64-bit platforms (Windows 2008, Linux Ubuntu).
- ▶ Databases (MySQL, PostgreSQL) are upgraded to the latest versions.
- ▶ The web server is now IIS 7, operating in 64-bit mode.

Many performance improvements has been implemented throughout the system, including:

- ▶ Targeted database refactoring
- ▶ Database access layer improvements
- ▶ Improved company access control validations
- ▶ Optimizations in GUI
  - Ticket Management
  - Customer Management
  - Address Management
  - Service inventory
- ▶ Optimized subscription handling (Coverage requests, Service requirements)
- ▶ Import/Export performance and scalability improvements
- ▶ Monitoring system optimizations of periodic maintenance and statistics storage.

## Installer

A new installer is included in the release of NETadmin™ 8.4. This new version adds support for new software components and decreases the amount of manual work required when installing and upgrading the NETadmin™ system.

### Plus a lot more

Please refer to the NETadmin™ 8.4 changelog documentation for a complete list of improvements in the new version.

## New features

### Company groups

Companies can now be grouped into company groups, which in turn control user access to the system. This provides a new level of flexibility as well as increased performance when managing a large number of companies in a NETadmin™ system.

### Service configuration

The Service configuration GUI has been restructured to make it more straight-forward to create and configure services

### Import/Export

- ▶ **User:** Administrator User, Customer Service User and Service Provider User now supports configuration of company groups instead of companies
- ▶ **IP networks:** IP networks now include broadcast calculation, network address validations and network storage support
- ▶ **Equipment:** Connections between equipments
- ▶ **Equipment:** Equipment modules/line cards

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