

the professional
labeling software

NiceLabel 

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NiceLabel Version 5.0 Enterprise Series

Release Notes

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What is New in General

New NiceLabel Enterprise Series

NiceLabel software already provided a powerful label-design and label-printing solution in the mid-range of label design software, satisfying the label printing needs of the majority of users.

However, there are always the users than need full control over the printing process in the entire company or companies. NiceLabel Enterprise Series of products was developed with such advanced users in mind. NiceLabel Enterprise Series is a new flagship product line of NiceLabel software family.

NiceLabel Enterprise Series consists of two main products covering the fields of systems management, monitoring and high-volume printing.

NiceLabel Print Center

If your business requires centralized label printing management and real-time printer control, then NiceLabel Print Center is the perfect solution for you. The NiceLabel Print Center is a client-based enterprise-level labeling solution with centralized control over all NiceLabel clients in a network environment.

The NiceLabel Print Center enables you to:

- Design and print labels on local client computers.
- Monitor and log all the print jobs inside your printer network from one centralized location using web application.
- Distribute label print jobs from a centralized management interface to all local design and print stations on your network.

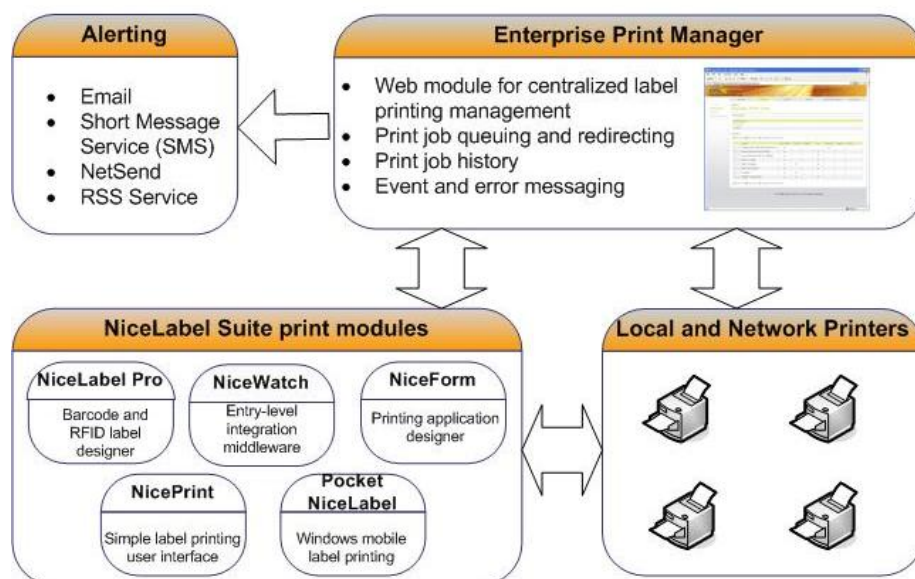


Figure 1: NiceLabel Print Center Workflow

NiceWatch Enterprise

If your Warehouse Management Software (WMS), Enterprise Resource Planning (ERP), Hospital Information System (HIS) or any other type of business information system requires high-throughput and high-volume printing, then NiceWatch Enterprise is the perfect solution for you.

The NiceWatch Enterprise provides you with a:

- Multi-threaded printing technology that assures fast and faultless operation even in the most demanding environments.
- Scalable solution that does not require any programming or coding change of your information system.
- Server-based solution that enables application and systems to initiate label printing from a centralized location.

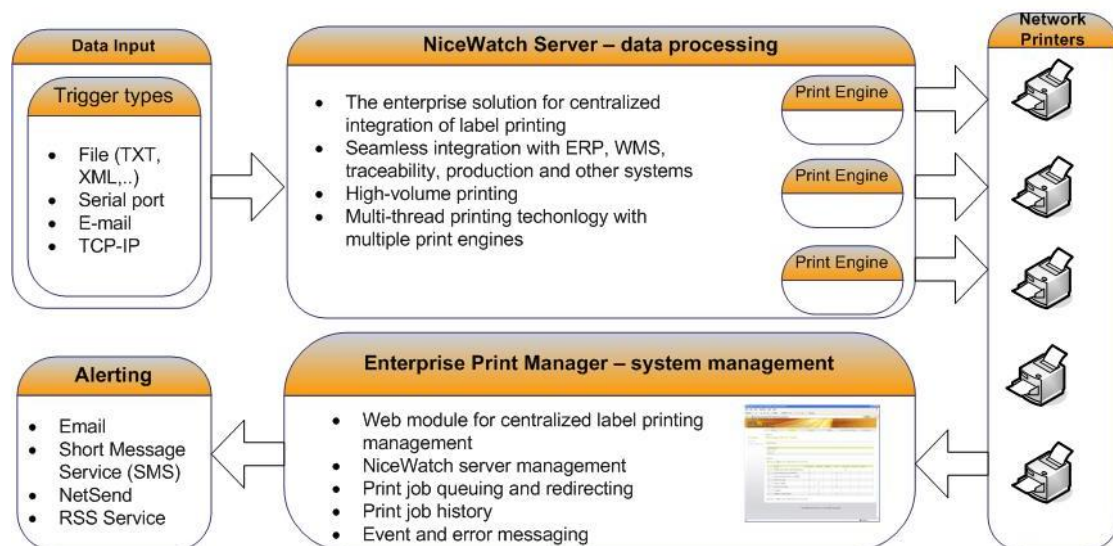


Figure 2: NiceWatch Enterprise Workflow

Improved Printing Control

With the new version of the NiceLabel software you benefit from better control over your printers and printing activities.

For printers that allow bidirectional communication with the NiceDriver you can review the printer status in real time. For example, you can see the status such as "out of labels", "out of ribbon", "print head opened", etc. Not only you can review the status interactively, you can also set up automatic notifications and receive different types of alerts when something happens out of plan.

Note: The printer status is only available when bidirectional communication is supported between the printer and the printer driver. The alerts of program errors are only available in the Enterprise Series of products.

Functionality in the Standard Series

These are the new features available:

- NicePrintQueue
- Enhanced logging with detailed print job status information
- Label reprint
 - To another printer
 - Select single, batch or all labels from a previous job to reprint
- Print job status information available through programming interface (API) call

With Standard Series of products you can review the locally available printers and their spoolers. NicePrintQueue is a new NiceLabel software module used to control printers and their print jobs on the local computer. This module can be compared to the Windows Spooler but provides advanced functionality and an overview of printer status otherwise not available in the standard Windows Spooler.

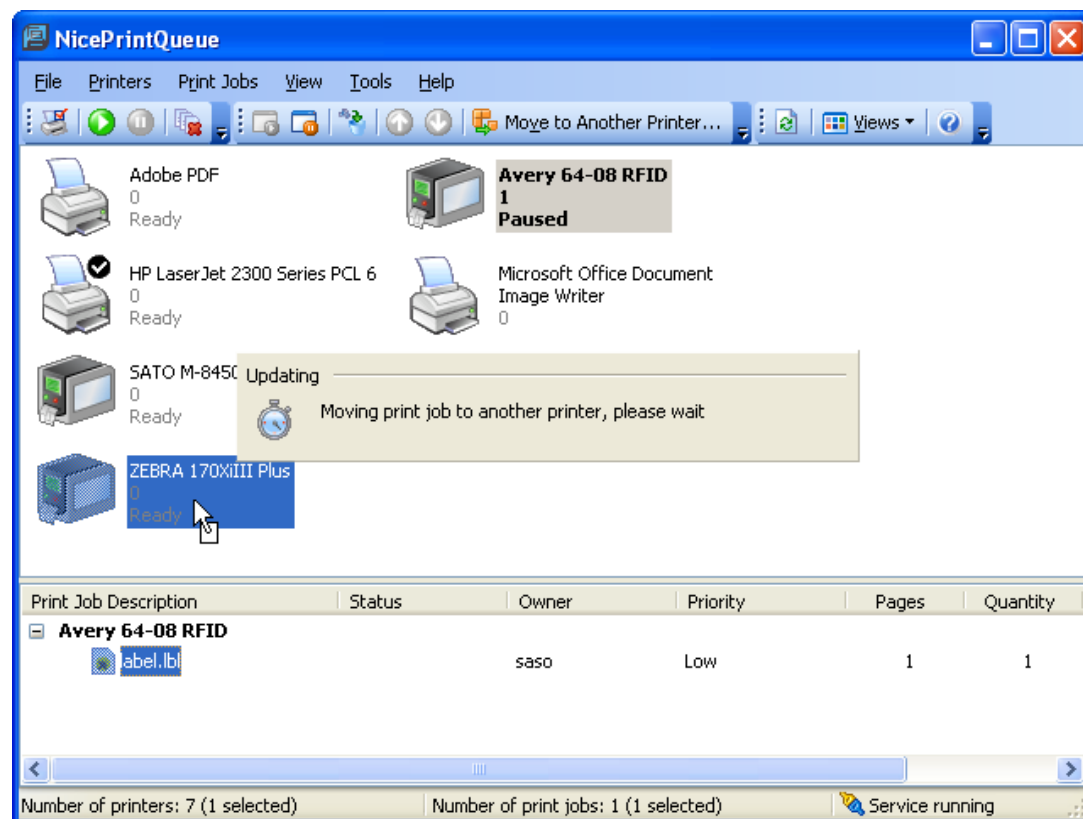


Figure 3: Use new module NicePrintQueue to control printers and move print jobs from one printer to another

Another interesting feature of the NicePrintQueue is that it allows you to move a print job from one printer spooler to another, even among thermal printers of different brands, i.e. from Avery to Zebra. You would move the job to another printer if you see that an error appeared on the printer or the printer has a large number of print jobs already queued.

You will also appreciate the new **label reprint** feature. When you enable logging of all printing activities, you can easily reprint the labels not only to the same printer used the first time; you can divert printing to any available printer, even if it is a different brand or manufacturer. NiceLabel software will create the proper print file for the selected printer with the data retrieved from the log file.

Functionality in the Enterprise Series

The Enterprise Series of products goes one step beyond the Standard Series and allows you to monitor printing stations in your entire enterprise from a central location through a web browser. Not only can you review the local printers and their spoolers, but also printers from all workstations that are connected to Enterprise Print Manager (EPM).

With the NiceLabel Enterprise Series software, the print jobs are logged in the local print queue and also recorded in the remote EPM server. The administrator has an overview of each individual workstation's or NiceWatch production server's printing process, is alerted about potential printer problems (when used in a combination with bi-directional drivers) and can take control over the local print spoolers on the production workstations/servers.

NiceLabel Enterprise Series

NiceLabel Print Center

The NiceLabel Print Center is a client-based enterprise-level labeling solution with centralized control over all NiceLabel clients in a network environment. The NiceLabel Print Center enables you to:

- Design and print labels on local client computers.
- Monitor and log all the print jobs inside your printer network.
- Distribute label print jobs from a centralized management interface to all local design and print stations on your network.

NiceLabel Print Center consists of the following modules:

- NiceLabel Enterprise Print Manager (web-based centralized log, event and alert server)
- 5 more licenses for NiceLabel Suite edition from Standard Series (label design and printing applications)

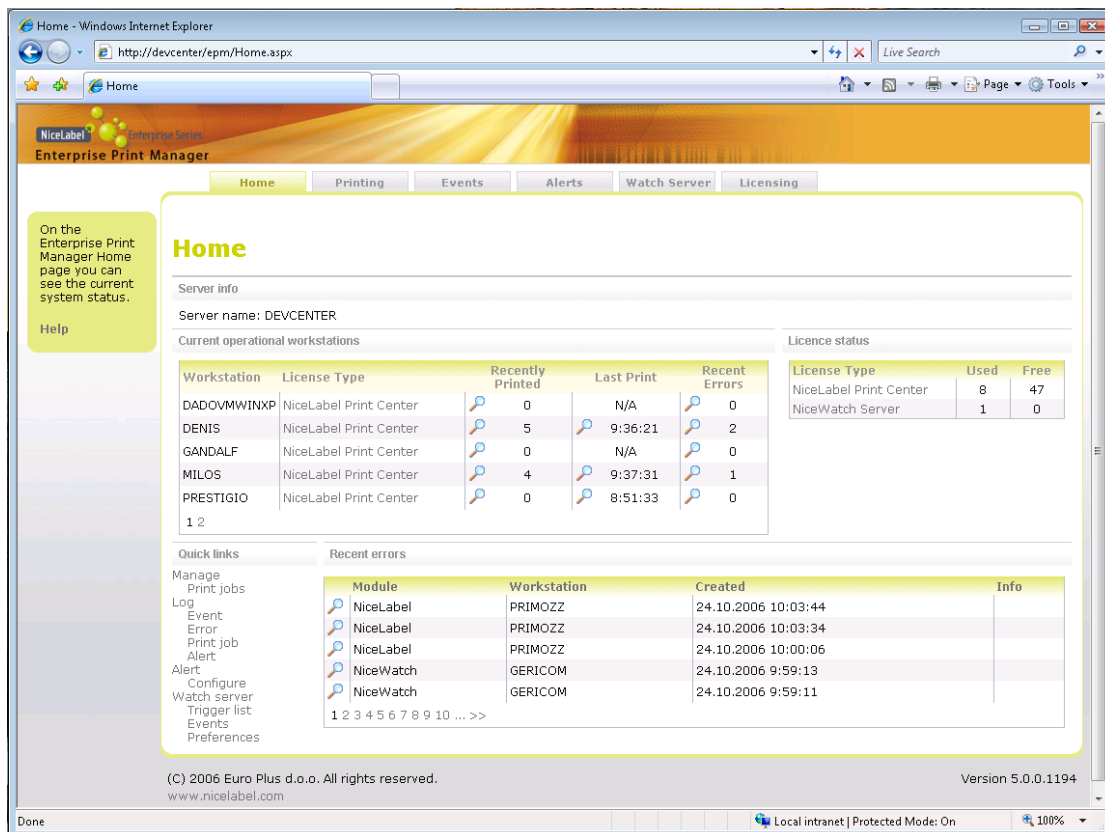


Figure 4: Enterprise Print Manager main window

You can manage your printing process through the Enterprise Print Manager, which is a web-based module that you can access from any workstation on your network or through the Internet.

The screenshot displays the 'Manage Print Queues' web interface. It features a navigation menu with 'Home', 'Printing', 'Events', 'Alerts', 'Watch Server', and 'Licensing'. The main content area is titled 'Manage Print Queues' and includes a 'Workstations' table listing various computer names. Below this, there are sections for 'Printers' and 'Print Jobs', each with control buttons like 'Pause', 'Resume', and 'Delete all Documents'. A table of print jobs shows details such as name, pages, quantity, priority, and submission time.

Workstation Name
DADO\MWINXP
TESTKO-WIN64
GORAN
DENIS
TPMOBILE
ZVONEEP
MILOS
DEEDEE
PRESTIGIO
HAXOR
GERICOM
GREGAL
PRIMOZP
DADO
1 2

Name	Print Jobs	Paused	Offline	Native Driver	Network	Shared	Status
\http://192.168.148.97/unknown	0				✓		
CAB A3 203DPI	2	✓		✓			

Name	Name	Pages	Quantity	Priority	Paused	Deleting	Printing	Submitted	Error
Label1	damjan	1	1	Low				24.10.2006 10:22:25	
Label1	damjan	1	1	Low				24.10.2006 10:22:30	

Figure 5: Manage print queues on connected workstation from your network

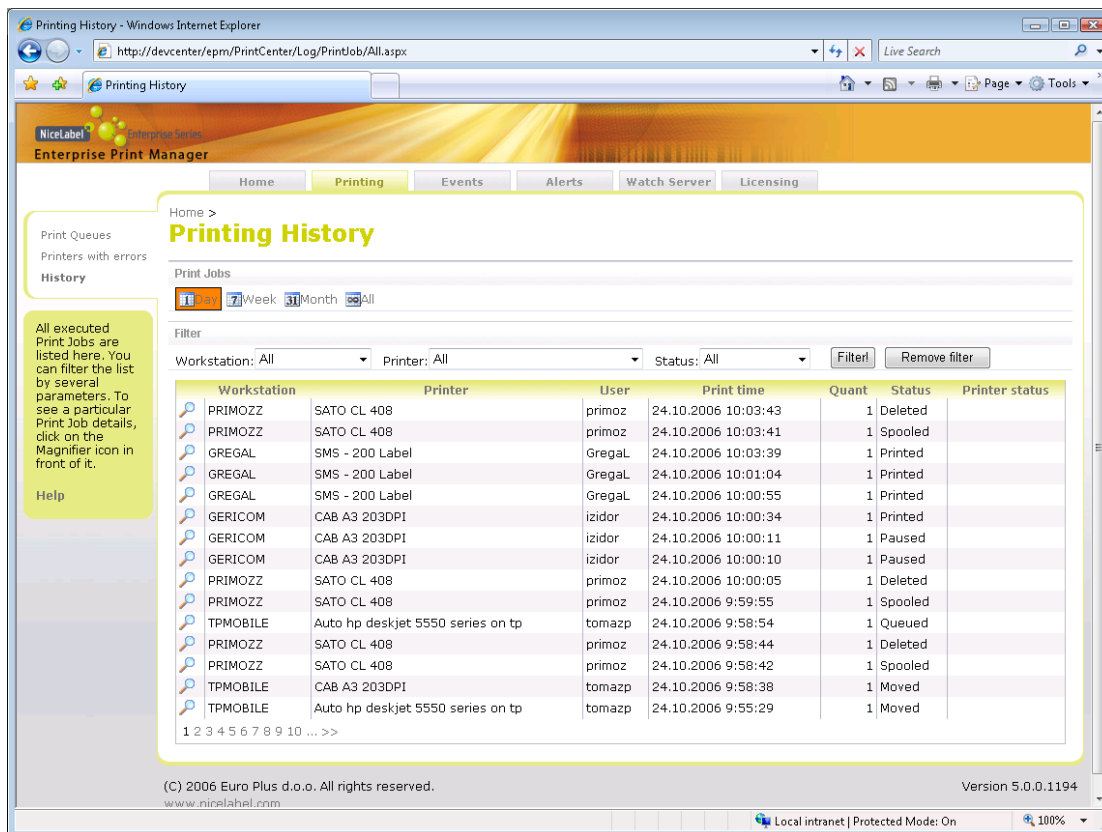


Figure 6: Review the live status of print queues and events from the printing history

Real-time printer status monitoring combined with a multi-channel alerting system minimizes the risk of long-lasting production line bottle necks and ensures that you are notified immediately about a label printing error, warning or simple confirmation of an executed print job.

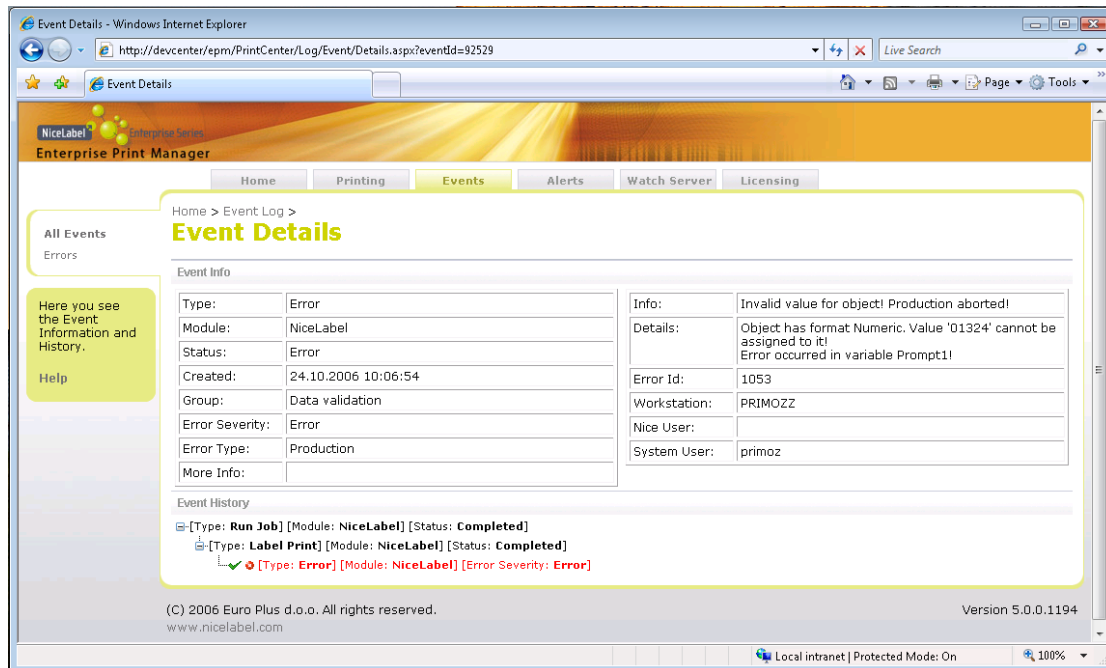


Figure 7: Be notified of all events including error messages from the printer or NiceLabel print engine

NiceWatch Enterprise

The NiceWatch Enterprise edition prints large quantities of labels on multiple printers from your WMS, ERP, HIS or other systems. The NiceWatch Enterprise provides you with:

- Multi-threaded printing technology that assures fast and faultless operation even in the most demanding environments.
- Scalable solution that does not require any programming or coding change of your information system.
- Server-based solution that enables applications and systems to initiate label printing from a centralized location.
- Simple flat, server-based, licensing (no printer licenses required)

NiceWatch Enterprise consists of the following modules:

- NiceLabel Enterprise Print Manager (web-based centralized log, event and alert server)
- NiceWatch Server (multi-threaded NiceWatch production module)
- One license for NiceLabel Pro (label designer)

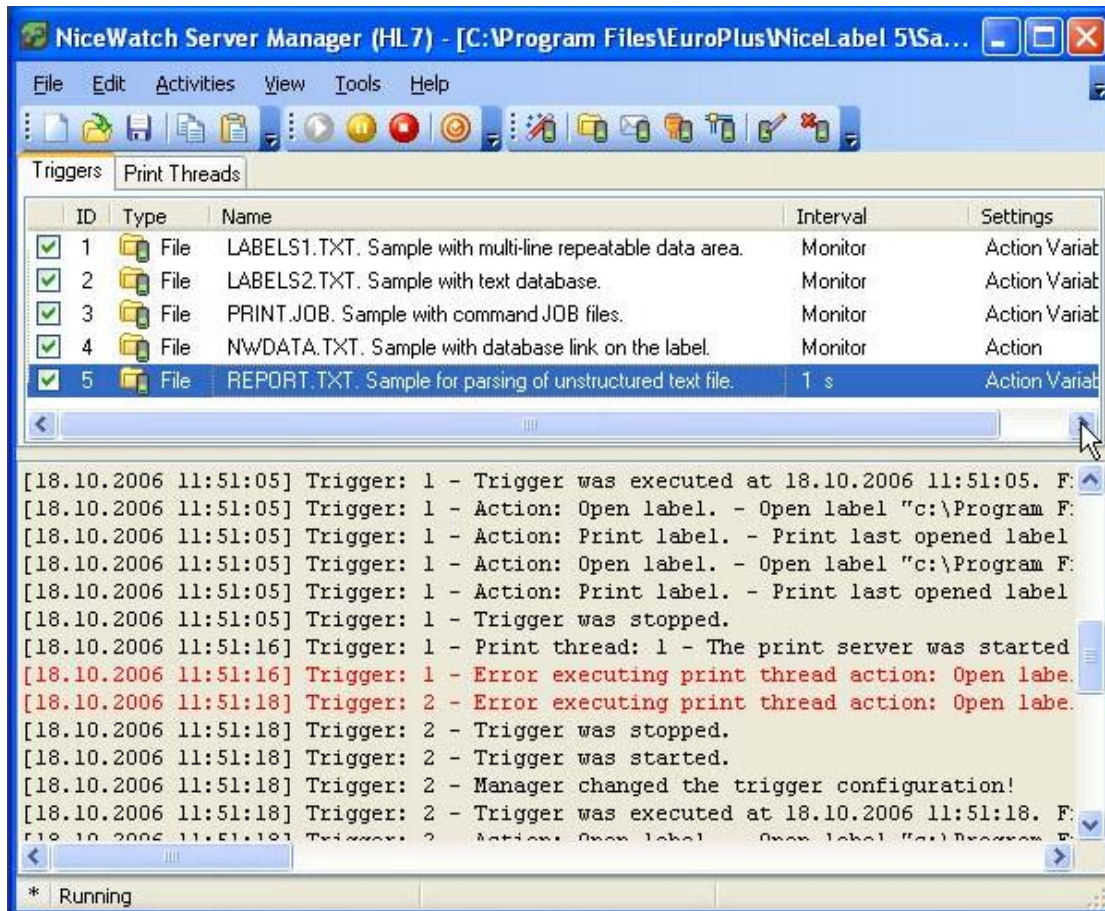


Figure 8: NiceWatch Server main window

All printers in your organization can be managed from one location through the web-based Enterprise Print Manager module that is also part of your NiceWatch Enterprise environment.

NiceWatch Server introduces multi-thread printing technology with multiple print engines to manage high-volume label printing demands.

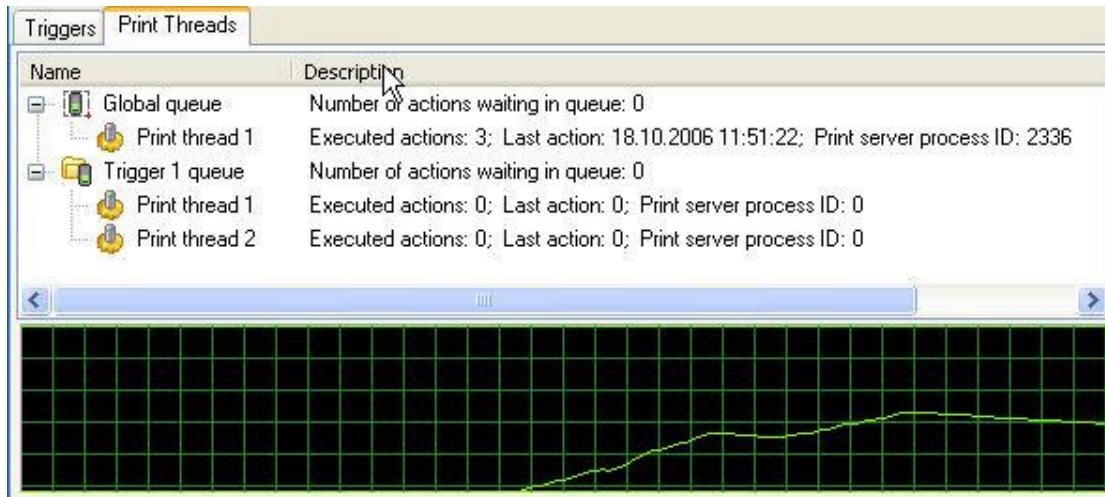


Figure 9: Insight into the occupancy of the print threads and overall load on the computer

NiceWatch Enterprise with HL7 Support

HL7 (Health Level 7) is global messaging standard for healthcare applications and providers. The messaging interface enables healthcare, insurance and supplier institutions and software applications to communicate with each other in a common language.

NiceWatch Enterprise is a centralized label printing middleware software that integrates printing of wristband, charts and admittance form into Healthcare Information System (HIS), Laboratory Information System (LIS), Pharmacy Information System (PIS) applications and others.

NiceWatch Enterprise-HL7 edition includes the following modules:

- NiceWatch Server-HL7 Edition: Remote administration to view list of triggers, start and stop triggers; centralized logging of executed actions and multi-threaded label printing execution to ensure fast and stable operation in heavy-load environments. NiceWatch Enterprise functionality plus HL7 messaging compliance through incoming data filter for HL7 analysis and outbound HL7 messaging options.
- Enterprise Print Module (EPM): Enterprise-level labeling solution manages central print and event log information of printer labels, executed NiceWatch actions, etc. EPM provides central information regarding printer status, print job management, print queues common messaging and alarming (alerts) The EPM manages the printing process centrally while label design and printing occurs locally on the client computers hosting NiceLabel Suite.
- Licensing Server: To activate, view, upgrade existing NiceLabel licenses from a centralized user interface.

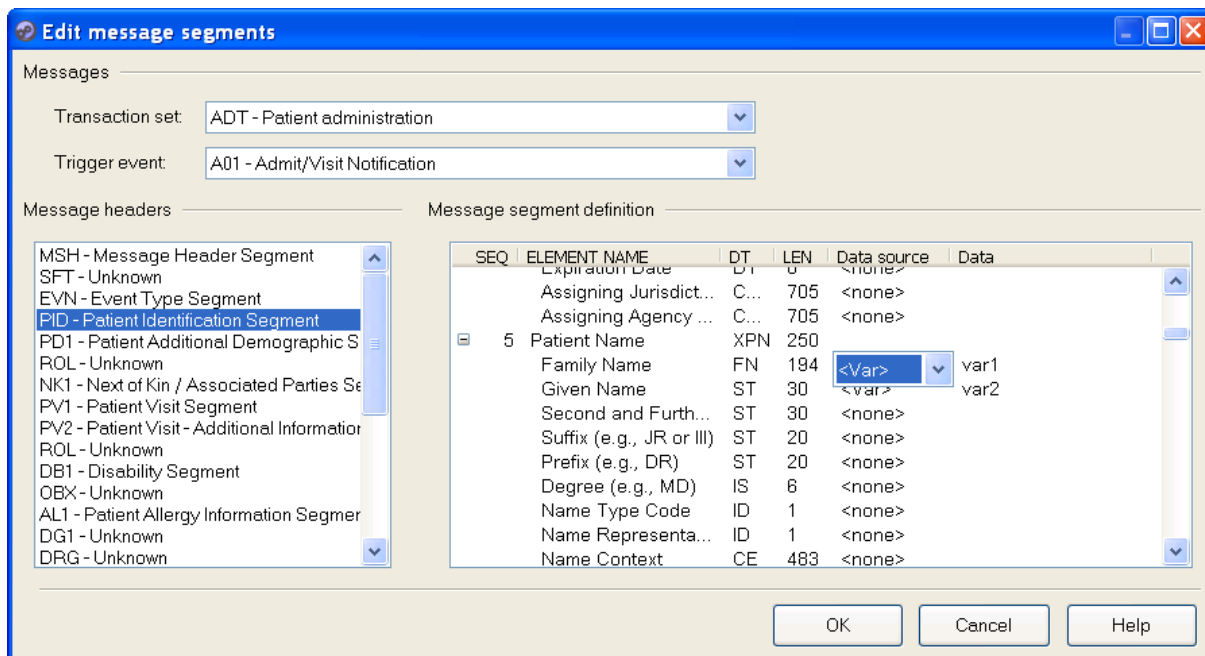


Figure 10: Define the HL7 messages between NiceWatch Server and Hospital Information System