

the professional
labeling software

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NiceLabel Software for Microsoft Windows Terminal Services and Citrix MetaFrame

White Paper

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1 Introduction

NiceLabel Software for Microsoft Windows Terminal Services and Citrix MetaFrame white paper provides information how NiceLabel software can be used in these two environments. It explains the basic principles using of these systems and describes the steps to enable label printing from NiceLabel.

Microsoft Windows Terminal Services or Citrix MetaFrame environments can be very useful software when your company has decentralized offices, warehouses or places where you need to produce labels. You do not have to purchase standalone licenses for the software you are running in the company. Instead you purchase a pool of licenses that is installed to the Windows server computer. The licenses are more efficiently in use and you have an overall view to their consumption.

Key benefits of using Microsoft Terminal Services or Citrix MetaFrame are the following.

- Centralized administration
NiceLabel Suite Network client runs only on the server, where MS Terminal Services or Citrix MetaFrame service is set up. The main benefit is that the administration of the whole environment is done only from one site. The change on the server computer is directly applied to all clients.
- Low TCO (Total Cost of Ownership)
Total cost of ownership is economical, as you only have to purchase NiceLabel Suite Network edition and not standalone NiceLabel editions for each workstation. Price per Network workstation is significantly lower compared to standalone editions.
You can also take advantage of the older computer equipment and bring it to life. As no software is actually running on the client computer, you do not need to have state-of-the-art latest computers. All the processing is done on the server, the client only shows the output on the monitor.
- High ROI (Return on Investment)
Main reason for high ROI is better productivity. With NiceLabel software it is possible to produce advanced labels in matter of seconds, no matter where your location of the office is.

This white paper describes how to install and maintain NiceLabel Suite Network installation for such purpose.

Windows Terminal Services

The Terminal Services component of the Microsoft Windows 2000 and 2003 server can deliver the Windows desktop, as well as the latest Windows-based applications to virtually any desktop computing device, including those that cannot run Windows. This allows more people in an organization to take advantage of the resources provided by a distributed computing environment. Terminal Services can also be used to remotely administer a Windows based server. When a user runs an application on a Windows based terminal server, all of the application execution takes place on the server and only the keyboard, mouse and display information are transmitted over the network. Each user sees only their individual session, which is managed transparently by the server operating system and is independent of any other client session.

For more information visit:

www.microsoft.com/windowsserver2003/technologies/terminalservices/default.aspx

Citrix MetaFrame

Citrix MetaFrame is a powerful solution for serving and executing applications. Citrix MetaFrame is designed specially for the Internet and Windows 2000 and 2003 server products families.

Citrix MetaFrame enable you to provide your users with uninterrupted, secure access to your organization's applications and information, from almost any device over any network connection – Internet, LAN, WAN, dial-up, or wireless.

Citrix MetaFrame allows multiple users to log on and run applications in separate, protected sessions on the same server. You install Citrix MetaFrame on computers running a multiuser operating system and install and publish the applications or other resources that you want to deploy on computers running Citrix MetaFrame.

Using the Web Interface for Citrix MetaFrame give users access to published resources through the Web or your Intranet. Users log on to the Web. Interface using the familiar Web browser and see links to the applications that they are authorized to run.

You can group a number of servers together to form a server farm. A server farm is a group of computers that you manage as a single entity. Server farms provide you with a flexible and robust way of deploying applications and content to users.

For more information visit:

<http://www.citrix.com>

2 NiceLabel in Terminal Server Environment

When you want to run NiceLabel software in the Windows Terminal Server or the Citrix Metaframe terminal environments, you have two possibilities. Use one of the following:

Install NiceLabel Standard Series Network edition

Network edition of the NiceLabel software is designed for companies that want to use NiceLabel software on several locations with several users at the same time.

NiceLabel Standard Series Network edition consists of two parts:

- server part
- client part

The server part is installed on the server computer. The server part includes the installation files for the clients, license database and common NiceLabel system components that are used by all NiceLabel clients over the network.

The client part is installed on each workstation where there is a need for label design or label printing. The client establishes a periodic connection to the NiceLabel on the server. The user is interacting with the client part on his computer and the server part is used for license purposes.

NiceLabel Standard Series Network software is activated with the Key Number. There is no hardware key with the Network version. The Key Number determines the number of users that can concurrently use the NiceLabel software. The licenses are stored on NiceLabel server. The client version of NiceLabel Standard Series Network is installed on each workstation computer. Each user who starts NiceLabel client takes one license from the server. When NiceLabel software is closed, the license is returned to the server and can be used by another user. For example, 5-user Network version allows five concurrent users to run NiceLabel software at the same time. Any additional user will have to wait for one of existing users to log off before he is able to run NiceLabel software.

When you install NiceLabel Standard Series Network on the Terminal Server or Citrix terminal server computer, you must install the NiceLabel client only once. You do not need to install the NiceLabel client to each workstation as with ordinary NiceLabel Network installation. Windows Terminal Server and Citrix terminal server operate differently. When you are running the software from the terminal server, the applications are actually running on the server not on your workstation. You only get the screen refresh from the server. Your monitor displays the screen of the NiceLabel client application running on the server. Therefore NiceLabel server part and client part must both be installed on the server computer.

You can then run NiceLabel software from any workstation that can connect to the terminal server. NiceLabel is actually running on the server computer and your monitor shows the update to the screen so it looks like you are running NiceLabel client locally on your computer. You can connect to the terminal server using different connection methods, for example Local Area Network (LAN), internet connection, or wireless connections. The number of NiceLabel licenses you have purchased determine the number of users that can use NiceLabel software concurrently.

If workstations connect to the server where the software is activated with a single-user license (such as a hardware key or a single-user software license), the NiceLabel application

will run in demo mode. Only the user connecting from the server console itself will have access to the registered software version on the server.

For more information about NiceLabel Standard Series Network edition of labeling software, please refer to the White Paper: **Introduction to NiceLabel Standard Series Network edition** available on NiceLabel website at <http://www.nicelabel.com>

OR

Install Nicelabel Print Center client – NiceLabel Suite

The enterprise solution for client-based label printing and centralized systems management. The NiceLabel Enterprise Print Manager manages the printing process centrally while label design and printing occurs locally on the client computers hosting NiceLabel Suite.

The NiceLabel Print Center is comprised of two main components:

- NiceLabel Enterprise Print Manager, installed on server,
- NiceLabel Suite, installed on client computers.

The NiceLabel Enterprise Print Manager has to be install on the NiceLabel Enterprise server computer, which is not Windows Terminal Server or Citrix terminal server. NiceLabel Enterprise Print Manager (EPM) is a web application, used to remotely control the label printing in an enterprise environment.

The Nicelabel Suite has to be install on Windows Terminal Server or Citrix terminal server. It is software solution for any kind of label design and print requirement.

You can work with the NiceLabel Print Center product immediately after installation. However, when you start NiceLabel Suite on Windows Terminal Server or Citrix terminal server and try to activate it through the Enterprise Print Manager, you will get a message stating that the NiceLabel Print Center server is not activated. So you have to activate the server before you use it for activating the Nicelabel Suite.

After Nicelabel Suite activating you can then run NiceLabel software from any workstation that can connect to the terminal server. NiceLabel is actually running on the server computer and your monitor shows the update to the screen so it looks like you are running NiceLabel client locally on your computer. You can connect to the terminal server using different connection methods, for example Local Area Network (LAN), internet connection, or wireless connections. The number of NiceLabel licenses you have purchased determine the number of users that can use NiceLabel software concurrently.

For more information about NiceLabel Standard Series Network edition of labeling software, please refer to the User Guide: **NiceLabel Print Center User Guide** available on NiceLabel website at <http://www.nicelabel.com>

3 Installation Procedure

Installation of the NiceLabel Software

Procedures for Installing NiceLabel client in NiceLabel Standard Series Network edition

Installation of NiceLabel Standard Series Network on Windows Terminal Services or Citrix MetaFrame environments consists of the following steps:

1. Installation of the NiceLabel server
2. Installation of the NiceLabel client
3. Activation of the NiceLabel software

Server installation can be done locally on the server itself or remotely via any workstation that can access server disk shares in read/write mode. The installation directly on the server is preferred. The installation only copies the NiceLabel files to the server computer. There is no NiceLabel application running on the server computer.

When the NiceLabel server installation is completed, you must install the NiceLabel client only to the server computer. In a terminal server environment the NiceLabel server and client are installed on the same computer and not on separate computers as with the usual installation of NiceLabel Standard Series Network.

The final step is the activation of the software. When you purchased your copy of NiceLabel Standard Series Network, you received a Network Key Number in the package. Activating the software will provide you with a fully working network version.

Procedures for Installing NiceLabel client in Nicelabel Print Center

Installation of NiceLabel Standard Series Network on Windows Terminal Services or Citrix MetaFrame environments consists of the following steps:

1. Installation of the NiceLabel Suite
2. Activation of the NiceLabel Suite

You must install the NiceLabel Suite only to the Windows Terminal Server or Citrix terminal server computer. The final step is the activation of the software. There are four types of NiceLabel client software activation:

- Hardware key activation
- Single-user Software key activation
- Network Software key activation
- Enterprise Print Manager license server activation

You must choose Enterprise Print Manager license server activation

Making NiceLabel application available in Citrix environment

With Citrix MetaFrame you can expand users' access to information. You make information available to users by publishing application – NiceLabel client.

Procedures for Publishing NiceLabel client

Making applications and content available to users is an integral function of Citrix MetaFrame. Use the MetaFrame Presentation Server Console to publish applications on any server in the farm to which you log on. You do not have to run the console from the MetaFrame Presentation Server on which the applications are installed. The server or servers hosting a published application must be a member of the server farm.

To publish an application:

1. Open the Presentation Server Console
2. From the Actions menu, choose New > Published Application
3. Follow the instructions in the Application Publishing wizard, **Working Directory** field must contain location of the NiceLabel client program like "C:\Program Files\EuroPlus\NiceLabel 5\Bin" and **Publish application** field must contain name of the NiceLabel client program like "C:\Program Files\EuroPlus\NiceLabel 5\Bin\nice5.exe".

Installation of the Printer Drivers

Printer driver installation on Citrix Server Computer

When you have your label printer attached to the server computer directly, you only need to install the printer driver on the server using the Printer Installation wizard (provided with NiceDrivers) or the Add a Printer wizard. The printer drivers can be provided directly from the manufacturer of the label printer or, for optimal performance and fastest printout, install NiceDrivers for your thermal printer. Only NiceDrivers provide optimal label printing performance of the NiceLabel software. NiceDrivers are available on the NiceLabel CD-ROM and the Web at www.nicelabel.com.

There is no need to share the printer in your local area network as far as NiceLabel software is concerned. But you may do so if other applications, which are not using Windows Terminal Services, require it.

Printer driver installation on Workstation

The workstation is a user's computer that has Citrix client installed and connects to the Citrix server. If the printer is connected to the workstation and you would like to use the printer from the Terminal Services environment, then the printer drivers for the printer must also be installed on the server computer. The next step is to share the exact printer port occupied by the printer on the workstation. To be able to share the port, you must also install the printer driver on the workstation. Installing the printer driver on the workstation is the only way to share a printer port on the workstation. Once the printer driver is installed and the port shared on the workstation computer, the NiceLabel software on the server will be able to print label to this locally connected printer.

To properly set up the printer for printing on the workstation, please do the following steps:

1. **Connect the printer on the workstation**

2. **Install drivers for the printer on the workstation**
You must add the printer driver on the client computer using the Printer Installation wizard (provided with NiceDrivers) or Add a Printer wizard.
3. **Share the printer on the workstation**
Select Printers and Faxes from Control Panel and then right-click the printer you want to share. In the context menu select the option "Sharing" to open the dialog box. Enable the option "Share this printer" and type in a name that describes how the printer will be shared with users through the network. Make sure to set the proper user access permissions so you are able to connect to the printer from the network. Terminal client running on terminal server will connect to this local printer over the network.
4. **Map the printer on the server**
You must map your printer on the server. Install the printer driver for the same model on the Citrix server and map the port to the shared printer on the workstation. There are two possible scenarios for the installation.
 - a) If you use the Add a Printer wizard, you can choose the option "Use a network printer, or a printer attached to another computer" during the printer installation, then browse to and select the shared printer on the workstation.
 - b) If you use the standard method to install the printer driver on the terminal server, leave the default port setting to LPT1 and then manually add the proper network port. To perform this task, you should open the dialog box Printers and Faxes, locate your printed driver, right-click on the printer driver and select "Properties" from the list of options. Then go to the Port tab. You can add new 'Local Port' and use the syntax `\\server\share` where "server" is the name of the workstation computer sharing the printer port and "share" is the name of the share you have set for the printer (in step 3).

Installation to Network

For the installation of the printer driver you can use the Printer Installation Wizard or the Windows Add a Printer Wizard. Follow these steps to change the printer port.

1. Open the properties of NiceDriver and go to the Ports tab.
2. Click Add Port button, choose Standard TCP/IP port and click on the New Port button.
3. Type in the name and TCP/IP address of your printer as you have set it up in the printer network adapter.
4. Select Custom for the Device Type and click the button Settings. It is safe to leave the Protocol setting to Raw but make sure to select the proper Port number. Different printer network adapters might have different values for ports. If in doubt, try with the default setting or refer to the User's Manual of your network adapter.
5. Close all dialog boxes with Close or OK buttons.
The Standard TCP/IP port type is available with installation of Windows 2000 and XP. For other Windows operating systems you will have to install the appropriate TCP/IP port type driver separately.

4 Delivering Nicelabel to Users

Delivering NiceLabel with Terminal Services

Hosting the Desktop

You can use Terminal Server to host user's entire desktop environments, so that when users log on, they see their usual desktop environments or desktop environments especially designed for their remote use. In this situation, users can open and close the applications they choose in the same way that they access applications from the Windows desktop on the local computer.

Using Web Connection

The Remote Desktop Web Connection is an ActiveX control that provides virtually the same functionality as the executable version of Remote Desktop Connection, but it delivers this functionality over the Web even if the executable version is not installed on the client computer. When hosted in a Web page, the ActiveX Client Control allows a user to log on to a terminal server through a TCP/IP Internet or intranet connection and view a Windows desktop inside Internet Explorer.

Delivering NiceLabel with Citrix MetaFrame

Citrix MetaFrame lets users run applications published on servers by enabling connections from varied computer platforms through Citrix MetaFrame Client software. Managing the connections to your server farm involves management of network access and configuring connections to the farm.

Users can access applications on a server through ICA connections and ICA sessions. ICA connections are network protocol specific listener ports that are set up on a computer running Citrix MetaFrame. When a client links to a server through an ICA connection, it establishes an ICA session. The ICA session is an active link that runs on the server until the user logs off and ends the session.

To access published applications and content, users run client software on their client devices. You can deliver the appropriate client software to your users and install it with the following methods:

1. Using the Citrix MetaFrame Components CD
2. Downloading from a network share point
3. Using installation floppy disks

To choose the best method for deploying client software, decide how your users will access published applications.

Using Web Connection

If you want to deliver applications to your users through a Web page, use the Web Interface in conjunction with Citrix MetaFrame. When you deliver applications using a Web-based method, users launch Web browsers to access applications you publish in the server farm.

Users log on to the Web Interface using the familiar Web browser and see links to the applications that they are authorized to run.

The Web Interface dynamically creates an HTML page with a depiction of the server farm for each of your users. After logging on, each user sees a Web page that includes all the applications and resources in the server farm that you configure for that user. Using the Web Interface, you can create stand-alone Web sites for application access or Web sites that can be integrated into your corporate portal.

Using Direct Access

If you do not want to deliver applications to your users through a Web page, publish the applications for direct access. To directly access published applications and content, users launch client software.

Using Citrix Program Neighborhood, users can browse for sets of published resources (referred to as application sets) or create custom connections to individual published resources or to servers running Citrix MetaFrame Server. Icons representing application sets and custom ICA connections appear in the Program Neighborhood window.

5 Printing

Printing with Terminal Services

When you are using NiceLabel software with Windows Terminal Services, you can print labels to the printer using several connectivity methods. The printer can be available from the following:

1. Terminal server computer
Terminal Services provides usage of printer attached to the server.
2. Workstation computer
Terminal Services provides printer redirection that routes print jobs from the Terminal server to a printer attached to the client.
3. Network (printer with LAN card)
As with local disk drives, net share enables users to gain access to the printer remotely from the server.

Printing with Citrix MetaFrame

The computer that will use the resources (programs, disk space and printers) available on the Citrix server must have Citrix client software installed. Without the client software, connecting to the Citrix server is denied. The Citrix client uses ICA (Independent Computing Architecture) protocol.

A client printer is any printer accessible from the ICA workstation computer. This client printer can be physically attached to the workstation computer or can be a network printer. Both physically connected and network printers can be used in an ICA session. You can manually map the client printer once the ICA session is established. The client printer can also be auto created – the Citrix server automatically connects the printer during the logon process.

Manually mapping client printers

You can manually map client printers once the ICA session is established between workstation and server. Mapping allows NiceLabel to run on the Citrix server and to print labels to locally connected (or network) printer. If you have the printer driver installed on your workstation, you can use it only from your computer. The server does not know that the printer is available on the workstation. To make the printer available from the server, you have to map the printer on the Citrix server. Because NiceLabel is running on the server and printing labels from the server, the client printer must be accessible from the server as well.

In order to map client printers, the following conditions must be met:

- The printer driver must be installed on the workstation computer. You can verify that by opening 'Printers and Faxes' folder in Control Panel. The printer must be listed in the folder.
- You must be able to print to the client printer before starting an ICA session.
- If you use a network printer, the printer driver must also be available and set up for the network printer.

Printing a test page to the printer or printing a test document from a local application is always a good way to verify that the printer is configured correctly on the workstation.

When you have verified that the printer driver is available on the local system (on the workstation), the next step is to map the client printer to the ICA session so that printing from the server is possible.

To map the client printer on the server, perform the following steps:

1. Run the ICA client, establish an ICA session and authenticate to the Citrix server.
2. Once connected go to the 'Printers and Faxes' folder on the computer in the terminal server session.
3. Click Add Printer and select the Network Printer.
4. Browse to your printer in the network and click on the client printer shared on the workstation. If the proper printer driver is already installed on the Citrix server, then the printer will simply be added with the correct connection parameters and will be available for printing. If the printer driver is not available on the Citrix server, you will be prompted to install the drivers. NiceDrivers are available on the NiceLabel CD-ROM. You can just point to the appropriate folder on the CD-ROM.

Auto creating client printers

Auto creation is a process that occurs during the user logon procedure and eliminates the need for the manual printer mapping process. The purpose of this action is that user's locally installed printers became available also inside his Citrix session.

Then the user can work with the same set of printers in both environments, on the local computer and in the Citrix session.

Usually, the Citrix administrator must pre-install all printer drivers on the Citrix server to be later used in all Citrix sessions. The driver names of the printer on the workstation and the server must match exactly, otherwise the printer will not be auto created and the user will be unable to use the printer in the Citrix session. The availability of printer drivers on the server is one of the key elements for the auto creation process.

For more information about auto creation of the client printers in ICA session on the server please refer to the Citrix documentation or contact your Citrix server administrator.

Known issues

Auto creating client printers access

Nicelabel Suite started on Citrix client computer as published application has no access to auto creating Citrix client printers.

Issue will be fix with next Nicelabel version.

Printer status not available for workstation shared printers

With the NiceLabel version 5 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 statuses like "out of labels", "out of ribbon", "print head opened", etc.

Nicelabel Suite started on Citrix client computer as published application has no availability to control printer status of workstation shared printers.

Issue will be fix with next Nicelabel version.

6 Glossary

Workstation	Computer that the user uses for his work. It can be used for running stand-alone applications. But in the terminal client/server environment the user works with applications at a workstation that are installed on the server.
Terminal client	Application running on the workstation computer. The terminal client allows you to connect to the server and run applications on the server. The client does not execute any actions on the workstation computer. Everything is processed on the server. Only the results are displayed on the terminal client.
Printer Installation Wizard	Application provided by NiceDrivers (file PRNINST.EXE). Recommended and fastest method of NiceDriver installation on the system.
Add a Printer Wizard	Included in Windows operating system. Enables users to manually add the printer driver to the system. To start the wizard, click the option "Add a Printer" in the dialog box "Printers and Faxes."
ICA session	Citrix software uses its own optimized communication protocol between server and client sessions. It is known as Citrix Independent Computing Architecture (ICA). On the server, Citrix ICA has the unique ability to separate application logic from the user interface. On the client, users see and work with the application's interface. The application executes on the server. With ICA, applications consume as little as one-tenth of their normal network bandwidth.
Printer port (when using TCP/IP protocol)	When the printer is equipped with a network (LAN) interface, it must be properly set up to allow incoming connections from the computers. The TCP/IP protocol defines the unique IP (Internet Protocol) numbers and ports to each device (computer, printer or WAN device.) in the network. IP numbers have the form of AAA.BBB.CCC.DDD where the 3-digit letter combination can be a value between 1 and 255. Ports can occupy values from 1 to 65535. The printer listens at the assigned IP number and assigned port number for incoming.
API (Application Program Interface)	A set of routines, protocols and tools for building software applications. The API is an interface by which an application program accesses the operating system and other services. For example, different software applications trigger label printing through an API from a single desktop or hand held device.
API (Application Program Interface)	NiceDrivers present full-featured Windows drivers developed for all major thermal printer brands. NiceDrivers can be used with any Windows application. The major benefit using NiceDrivers is their knowledge about the printer's internal commands and functionality

7 Appendix

Euro Plus d.o.o. and Niceware International, LLC

Euro Plus d.o.o. and Niceware International, LLC develop, supply and support software for automatic identification and data collection (AIDC) solutions on the desktop PC, the corporate server or the mobile enterprise environment. Our flagship product NiceLabel has become one of the world's major label design and printing software combining easy-to-use interfaces with the integration of advanced thermal transfer technology, ERP systems solutions, RFID technology and data collection tools. NiceLabel cooperates with printer manufacturers, partners and customers from all over the world.

Microsoft has certified all NiceLabel products with the "Designed for Windows XP and 2000" and "Designed for Windows Vista" logos, indicating reliability and operational compliance in the latest Windows environments. As a Microsoft Certified Partner, Niceware and Euro Plus present an excellent business opportunity for all those searching for a reliable, high-tech and advanced partner in the automatic identification and data collection industry.

NiceLabel Product Overview

NiceLabel is the most advanced professional labeling software for desktop, mobile and enterprise users. NiceLabel offers an easy-to-use interface and meets any label design and printing requirement for efficient label printing solutions to users in retail, logistics, healthcare, chemical, automotive and other industries. NiceLabel offers three main product series.

NiceLabel Standard Series

The Standard Series is a line of NiceLabel core products for bar code and RFID label design, printing and entry-level integration. Products are easy to use but offer powerful functions expected from advanced label designers. The Standard Series includes NiceLabel Suite, NiceLabel Pro, NiceLabel Express and Pocket NiceLabel.

NiceLabel Suite: The full-featured, modular labeling solution for label design, integration and professional printing requirements. Multiple connectivity options allow users to perform stand-alone printing or integrate label printing into any network environment. NiceForm is a module in NiceLabel Suite that allows creating data entry and printing applications to make label production simple and error free. NiceLabel Suite includes NiceLabel Pro, NiceWatch, NiceForm, NicePrint, NicePrintQueue and Pocket NiceLabel for Windows CE support to create mobile printing applications.

NiceLabel Pro: The advanced label designer for professional bar code and RFID labeling, including complete database support and integration options. A wide range of features and options make NiceLabel Pro a perfect and easy-to-use tool for any labeling requirement. NiceLabel Pro includes NicePrintQueue, NiceData and NiceMemMaster.

NiceLabel Express: The basic label designer using wizards to fulfill basic bar code labeling needs. This entry-level software includes many design elements from the Pro edition with the emphasis on simplified user interaction.

Pocket NiceLabel: The label printing software for Windows CE mobile devices. Pocket NiceLabel enables Windows CE compatible computers and terminals to print bar code and RFID smart labels on any type of thermal printer that is supported by NiceLabel printer drivers.

NiceLabel Enterprise Series

The Enterprise Series is a line of NiceLabel products designed for centralized printing systems management, monitoring and integrated high-volume printing. The Enterprise Series includes NiceLabel Print Center and NiceWatch Enterprise.

NiceLabel Print Center: The enterprise solution for client-based label printing and centralized systems management. NiceLabel Print Center product includes two modules. The NiceLabel Enterprise Print Manager module manages the printing process centrally while label design and printing occurs locally on the client computers hosting the NiceLabel Suite module.

NiceWatch Enterprise: The enterprise solution for centralized integration of multi-threaded and high-volume label printing. NiceWatch Enterprise integrates the label printing process into enterprise-level products, such as Enterprise Resource Planning (ERP) systems, Warehouse Management Systems (WMS), Hospital Information Systems (HIS), and others.

NiceLabel Developer Series

The Developer Series is a line of NiceLabel products designed for software publishers looking for a way to integrate label printing functionality into their own applications. The Developer Series includes NiceLabel SDK, NiceLabel WebSDK and NiceLabel Pocket SDK.

NiceLabel SDK: Enables software publishers to reduce label printing development costs and add additional value to their Windows applications. NiceLabel SDK can be embedded into existing applications or information systems to support label printing.

NiceLabel WebSDK: Similar to NiceLabel SDK, the NiceLabel WebSDK offers software publishers to include bar code and RFID smart label printing in their Web applications. The NiceLabel WebSDK enables end-users to print labels without installing the NiceLabel software on client computers.

NiceLabel PocketSDK: Enables software publishers to integrate bar code and RFID smart label printing in Windows CE mobile applications. Software publishers deploy one application interface to print labels from a mobile device to more than 1300 thermal printers.

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