

LMS Installation

System Requirements Questionnaire

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Version 3.0

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1. Introduction

You have been asked to fill in this form because you are involved in the installation of NiceLabel Label Management System – LMS. This questionnaire should be filled in by the system administrator or administrators that manage infrastructure used in the installation process. (Servers and workstations). NiceLabel uses this questionnaire to obtain all necessary information about the environment before the installation can begin. Please take time and complete the questionnaire with great care and attention. NiceLabel relies on accuracy of information provided in order to prepare for a quick and effective installation service.

If you have any questions about filling in the questionnaire please do not hesitate to contact NiceLabel Professional Services Group Contact.

Contact information

These are people that may interact with you in different stages of the installation process.

Information filled in by NiceLabel

| | | |
|---|--|---|
| 1 | NiceLabel Professional Solutions Group (PSG) Contact information. Professional Solutions Group are responsible for the installation, technical consulting, designing and implementing the solution and possible trainings. | PSG Contact name: _____ PSG Contact e-mail _____ PSG Contact telephone: _____ |
| 2 | NiceLabel Account Manager contact information. Account Manager contacts are responsible for managing the commercial relation between NiceLabel, the partner company, and the Professional Solutions Group. | Account Manager Contact name: _____ Account Manager Contact e-mail _____ Account Manager Contact telephone: _____ |
| 3 | Client details. Client details include information about the IT person responsible for managing or administering servers used for NiceLabel Label Management System – LMS. | Client Company name: _____ Client Contact name _____ Client Contact telephone: _____ Client Contact email: _____ |

1.1 Installation information

NiceLabel requires basic information about the access method used to perform the installation, validation requirements and data archiving requirements. These options affect all systems involved. (NiceLabel Control Center, Automation, Web Printing system and PowerForms desktop applications).

| | | |
|---|---|--|
| 1 | <p>3rd party IT service provider details.</p> <p><i>If you use a 3rd party for IT services, please provide their contact:</i></p> | <p>3rd Party IT Company name: _____</p> <p>3rd Party IT Contact name _____</p> <p>3rd Party IT Contact telephone: _____</p> <p>3rd Party IT Contact email: _____</p> |
| 2 | <p>Remote Access (only for remote installations).</p> <p>NiceLabel recommends TeamViewer. It is a well-known, proven and reliable remote access tool for a remote installation. Other methods can be used as well. Use of VPN or other non-listed tools requires additional preparation on NiceLabel side.</p> <p><i>Please select one access method:</i></p> | <ul style="list-style-type: none"> • TeamViewer • Remote Desktop Connection • VPN • Other (please specify): _____ |
| 3 | <p>Compliance of Labeling System.</p> <p>Certain industries (Pharmaceutical, Medical Devices, Food, etc.) require computer system validation (CSV) of installed systems, to make sure they are compliant with the FDA or other regulatory requirements.</p> <p>Installation Qualification (IQ) records IQ records system requirements and installation of the software is a document that ensures the system is installed correctly.</p> <p><i>Please specify, if validation is required and if you want NiceLabel to prepare IQ documents:</i></p> | <ul style="list-style-type: none"> <input type="checkbox"/> We require system validation <input type="checkbox"/> We want NiceLabel to prepare IQ documents <input type="checkbox"/> We have our own IQ document templates. |

| | | |
|---|---|---|
| 4 | <p>Data history archiving method</p> <p>All SQL database history items (Print history, events, alert, etc.) are archived after a set amount of time.</p> <p>MS Access database:</p> <p>Move history items into an MS Access archive file. There is no built-in way to return archived MS Access data into SQL – archived entries cannot be accessed from Control Center.</p> <p>SQL Partitions:</p> <p>Another option is storing data into SQL partitioning. Using this option data can still be accessed from NiceLabel Control Center. We can provide instruction on how to configure SQL partitioning.</p> <p>Discard:</p> <p>Discard all database history items.</p> <p><i>Please, specify the preferred data archiving method:</i></p> | <ul style="list-style-type: none"> • MS Access archive • SQL Partition • Discard |
| 5 | <p>Database history archiving period</p> <p>When archiving data items older the maximum age are archived using the method chosen above. This process can be initiated daily, weekly or monthly.</p> <p><i>Please, specify the time period of archiving and the maximum age of records:</i></p> | <p>We want to archive data items older then _____ days. (Max. 365)</p> <p>We want to run archiving of data:</p> <p>Daily Weekly Monthly</p> |

2. System requirements

NiceLabel Label Management System is split into different server components:

- NiceLabel Control Center
- NiceLabel Automation
- NiceLabel Web Printing System

NiceLabel Label Management System also includes the following desktop applications:

- NiceLabel Designer PowerForms

Components can be installed on separate servers or on a common server, depending on the size and requirements of your company.

You are responsible for ensuring that all systems meet the specified hardware and software requirements **prior to NiceLabel installation service.**

The following section is designed to ensure that all systems meet the minimum requirements for their intended use.

2.1 NiceLabel Control Center

Installation guide:

https://www.nicelabel.com/resources/files/doc/installation-guide/ig-Control_Center_Installation_Guide-en.pdf

| | | |
|---|--|---|
| 1 | <p>Dedicated server</p> <p>NiceLabel Control Center can be installed on a dedicated server or on a common server.</p> <p><i>Please specify if Control Center will be installed on a dedicated or a common server:</i></p> | <ul style="list-style-type: none">○ NiceLabel Control Center will use a dedicated server.○ NiceLabel Control Center will use a common server, shared with other applications. |
| 2 | <p>Hardware and display</p> <p>NiceLabel Control Center requires listed minimum hardware requirements.</p> <p><i>Please mark, if your system meets these requirements:</i></p> | <ul style="list-style-type: none"><input type="checkbox"/> CPU: Intel or other X86 processor<input type="checkbox"/> RAM: 4 GB or more<input type="checkbox"/> Disk space: 5 GB or more<input type="checkbox"/> Monitor: 1024x768 resolution or higher |
| 3 | <p>Operating system</p> <p>NiceLabel Control Center can run on a number of Microsoft Windows operating systems.</p> <p><i>Please mark which operating system will be used for NiceLabel Control Center:</i></p> | <ul style="list-style-type: none">• Windows 7• Windows 8• Windows 8.1• Windows 10• Windows Server 2008 R2• Windows Server 2012• Windows Server 2012 R2• Windows Server 2016 |

| | | |
|---|--|--|
| 4 | <p>Microsoft .NET Framework</p> <p><i>Please mark, if your system runs the following software:</i></p> | <p><input type="checkbox"/> .NET Version 4.5 or higher</p> |
| 5 | <p>Web server</p> <p>NiceLabel Control Center can use many versions of Microsoft IIS web server.</p> <p><i>Please mark what version of Microsoft IIS will be used for NiceLabel Control Center:</i></p> | <ul style="list-style-type: none"> • IIS 7 • IIS 7.5 • IIS 8 • IIS 10 |
| 6 | <p>HTTPS Access</p> <p>NiceLabel Control center can be accessed from a secure HTTPS connection.</p> <p><i>Please mark, if you require HTTPS configured:</i></p> | <ul style="list-style-type: none"> • HTTPS Access is required. • HTTPS Access is not required. |
| 7 | <p>Microsoft SQL Server location</p> <p>NiceLabel LMS requires a Microsoft SQL Database server. This server can run on the same server as NiceLabel Control Center or somewhere else.</p> <p><i>Please select the location of SQL server:</i></p> | <ul style="list-style-type: none"> • Same server as Control Center. • Different server as Control Center. |
| 8 | <p>Microsoft SQL Server Version</p> <p>Multiple Microsoft SQL version are supported.</p> <p><i>Please select your Microsoft SQL server version:</i></p> | <ul style="list-style-type: none"> • MS SQL Server 2005 • MS SQL Server 2008 • MS SQL Server 2012 • MS SQL Server 2014 • MS SQL Server 2016 • MS SQL Server 2017 <p><input type="checkbox"/> Using Express version of above listed SQL server version.</p> |
| 9 | <p>Microsoft SQL Server Failover Cluster</p> <p><i>Please select, if you wish to install the SQL server in a Failover cluster:</i></p> | <ul style="list-style-type: none"> • SQL Server will use a Failover Cluster. • SQL Server will not use a Failover Cluster. |

| | | |
|----|---|--|
| 10 | <p>SQL Server Authentication</p> <p>Some installations can use only SQL Server authentication or Windows authentication.</p> <p><i>Please select authentication options for NiceLabel Control Center target server:</i></p> | <ul style="list-style-type: none"> • Only Windows Authentication can be used. • Windows and SQL authentication can be used. |
| 12 | <p>Password complexity</p> <p>Some companies enforce a certain password complexity.</p> <p><i>Please specify, if you enforce password complexity rules:</i></p> | <ul style="list-style-type: none"> • No complexity is enforced. • Complexity is enforced. (Specify details): _____ |
| 13 | <p>Mandatory database script review</p> <p>Some companies have policies that mandate that all SQL scripts are reviewed and approved by a database administrator – DBA. If so the installation will not be able to create the database on its own. (Some manual intervention is required)</p> <p><i>Please specify, if you mandate DBA script review:</i></p> | <ul style="list-style-type: none"> • DBA Review is required. • DBA Review is not required. |
| 14 | <p>Load balancer use</p> <p><i>Please specify if you intend to install NiceLabel Control Center on more than one server and use a load balancer. If so specify the number of Control Center server and the location of the load balancer:</i></p> | <ul style="list-style-type: none"> <input type="checkbox"/> Single server <input type="checkbox"/> Multiple servers: Number of servers: _____ Load balancer URL or IP address: _____ |
| 15 | <p>Same network domain</p> <p>NiceLabel LMS requires that all workstations are in the same domain as NiceLabel Control Center server.</p> <p><i>Please specify, if all connecting workstations use the same domain:</i></p> | <ul style="list-style-type: none"> • All workstations belong to the same domain • All workstations do not belong to the same domain |
| 16 | <p>NiceLabel Control Center Authentication configuration</p> <p>By default no authentication is mandated.</p> <p><i>Please specify if you wish to have the listed parameters configured:</i></p> | <ul style="list-style-type: none"> • Switch to Windows authentication • Keep the default (none) authentication. |
| 17 | <p>LMS Enterprise Configuration (only for LMS Enterprise)</p> <p><i>Please specify if you wish to have the listed parameters configured:</i></p> | <ul style="list-style-type: none"> <input type="checkbox"/> Enable document versioning <input type="checkbox"/> Enable approval workflow |

Information contact

We may require additional information regarding the installation of NiceLabel Control Center. Please specify details about the person providing information on NiceLabel Control Center system requirements.

| | | |
|----|---|--|
| 18 | NiceLabel Control Center contact <i>Please specify:</i> | Company name: _____ Contact name: _____ Telephone: _____ Email: _____ |
|----|---|--|

2.2 NiceLabel Automation

Installation guide:

https://www.nicelabel.com/resources/files/doc/user-guides/ig-Automation_Installation_Guide-eng.pdf

| | | |
|---|---|---|
| 1 | <p>Separate server</p> <p>NiceLabel Automation can use the same server as NiceLabel Control Center.</p> <p><i>Please specify the location of NiceLabel Automation:</i></p> | <ul style="list-style-type: none"> • Same server as Control Center • Different server |
|---|---|---|

To install NiceLabel Automation on a separate server or set of servers, the client's hardware and software must meet the below listed system requirements.

NiceLabel is going to install NiceLabel Automation. The client is responsible for installing and configuring all server requirements prior to the NiceLabel installation.

*Skip this section if you selected "same server as Control Center" above.
(Go to Section 2.3 NiceLabel Web Printing System)*

| | | |
|---|---|--|
| 2 | <p>Hardware and display</p> <p>NiceLabel Automation requires listed minimum hardware requirements.</p> <p><i>Please mark, if your system meets these requirements:</i></p> | <ul style="list-style-type: none"> <input type="checkbox"/> CPU: Intel or other X86 processor <input type="checkbox"/> RAM: 4 GB or more <input type="checkbox"/> Disk space: 5 GB or more <input type="checkbox"/> Monitor: 1024x768 resolution or higher |
| 3 | <p>Operating system</p> <p>NiceLabel Automation can run on a number of Microsoft Windows operating systems.</p> <p><i>Please mark which operating system will be used for NiceLabel Automation:</i></p> | <ul style="list-style-type: none"> • Windows 7 • Windows 8 • Windows 8.1 • Windows 10 • Windows Server 2008 R2 • Windows Server 2012 • Windows Server 2012 R2 • Windows Server 2016 |
| 4 | <p>Microsoft .NET Framework</p> <p><i>Please mark, if your system runs the following software:</i></p> | <ul style="list-style-type: none"> <input type="checkbox"/> .NET Version 4.5 or higher |
| 5 | <p>Reliability – load balancer</p> <p>NiceLabel Automation can be installed on multiple servers with a load balancer.</p> <p><i>Please specify, if you wish to use a load balancer, the number of potential servers and the load balancer address:</i></p> | <ul style="list-style-type: none"> <input type="checkbox"/> We wish to use multiple servers and a load balancer: Number of servers: _____ Load balancer URL or IP address: _____ |

| | | |
|---|---|---|
| 6 | <p>Reliability – Failover / HA Cluster</p> <p>NiceLabel Automation can be installed on multiple servers (nodes). If one node fails, service will “fail over” to another node in the cluster.</p> <p><i>Please specify if you wish to use failover cluster functionality and the number of potential servers:</i></p> | <p><input type="checkbox"/> We wish to use multiple servers in a failover cluster: Number of servers: _____</p> |
|---|---|---|

Information contact

We may require additional information regarding the installation of NiceLabel Automation.

| | | |
|---|---|--|
| 7 | <p>NiceLabel Automation Contact</p> <p><i>Please specify contact details about the person providing information on NiceLabel Automation:</i></p> | <ul style="list-style-type: none"> • Same contact as Control Center • Other contact (Specify): <ul style="list-style-type: none"> Company name: _____ Contact name: _____ Telephone: _____ Email: _____ |
|---|---|--|

2.3 NiceLabel Web Printing System

Installation guide:

https://www.nicelabel.com/resources/files/doc/installation-guide/ig-WebPrinting_Installation_Guide-en.pdf

| | | |
|----------|---|---|
| 1 | <p>Separate server</p> <p>NiceLabel Web Printing System can use the same server as NiceLabel Control Center or a dedicated server.</p> <p><i>Please specify the location of NiceLabel Web Printing System:</i></p> | <ul style="list-style-type: none"> • Same server as Control Center • Dedicated server |
|----------|---|---|

To install NiceLabel Web Printing system on a separate server, the client's hardware and software must fulfil the below listed system requirements. Mark each item to confirm that the system meets NiceLabel Web Printing requirements.

NiceLabel is going to install NiceLabel Web Printing. The client is responsible for installing and configuring all server requirements prior to installation of NiceLabel.

Skip this section if you selected "same server as Control Center" above.

(Go to Section 2.4 NiceLabel PowerForms Desktop).

| | | |
|----------|--|--|
| 2 | <p>Hardware and display</p> <p>NiceLabel Web Printing System requires listed minimum hardware requirements.</p> <p><i>Please mark, if your system meets these requirements:</i></p> | <ul style="list-style-type: none"> <input type="checkbox"/> CPU: Intel or other X86 processor <input type="checkbox"/> RAM: 4 GB or more <input type="checkbox"/> Disk space: 5 GB or more <input type="checkbox"/> Monitor: 1024x768 resolution or higher |
| 3 | <p>Operating system</p> <p>NiceLabel Web Printing System can run on a number of Microsoft Windows operating systems.</p> <p><i>Please mark which operating system will be used for NiceLabel Web Printing System:</i></p> | <ul style="list-style-type: none"> • Windows 7 • Windows 8 • Windows 8.1 • Windows 10 • Windows Server 2008 R2 • Windows Server 2012 • Windows Server 2012 R2 • Windows Server 2016 |
| 4 | <p>Microsoft .NET Framework</p> <p><i>Please mark, if your system runs the following software:</i></p> | <ul style="list-style-type: none"> <input type="checkbox"/> .NET Version 4.5 or higher |

| | | |
|---|--|---|
| 5 | <p>Web server</p> <p>NiceLabel Web Printing System can use many versions of Microsoft IIS web server.</p> <p><i>Please mark what version of Microsoft IIS will be used for NiceLabel Web Printing System:</i></p> | <ul style="list-style-type: none"> • IIS 7 • IIS 7.5 • IIS 8 • IIS 10 |
| 6 | <p>HTTPS Access</p> <p><i>Please mark if HTTPS is required:</i></p> | <ul style="list-style-type: none"> • HTTPS Access is required. • HTTPS Access is not required |

Information contact

We may require additional information regarding the installation of NiceLabel Web Printing System.

| | | |
|---|---|--|
| 7 | <p>NiceLabel Web Printing System Contact</p> <p><i>Please specify contact details about the person providing information on NiceLabel Web Printing System:</i></p> | <ul style="list-style-type: none"> • Same contact as Control Center • Other contact (Specify): <p>Company name: _____</p> <p>Contact name: _____</p> <p>Telephone: _____</p> <p>Email: _____</p> |
|---|---|--|

2.4 NiceLabel Designers PowerForms Desktop and Web Clients

NiceLabel Designers PowerForms helps you create label templates and printing applications (forms) for users that print labels. Typically, NiceLabel clients are installed on workstations, not on the server. NiceLabel Designers PowerForms Web Clients allow labels printing using forms across the internet or intranet.

NiceLabel is going to install PowerForms clients on 2 workstations as a part of the standard installation. The client is responsible for installing and configuring all further workstations.

Full installation guide can be found here: <https://www.nicelabel.com/resources/files/doc/installation-guide/ig-niceLabel 2017 Installation Guide-en.pdf>

Fill out only if you wish to have PowerForms Desktop clients installed.

| | | |
|-----------------|--|---|
| <p>1</p> | <p>Hardware and display</p> <p>NiceLabel PowerForms requires listed minimum hardware requirements.</p> <p><i>Please mark, if your systems meets these requirements:</i></p> | <p><input type="checkbox"/> CPU: Intel or other X86 processor</p> <p><input type="checkbox"/> RAM: 2 GB or more</p> <p><input type="checkbox"/> Disk space: 1 GB or more</p> <p><input type="checkbox"/> Monitor: 1024x768 resolution or higher</p> |
| <p>2</p> | <p>Operating system</p> <p>NiceLabel PowerForms can run on a number of Microsoft Windows operating systems.</p> <p><i>Please mark which operating systems that will be used for NiceLabel PowerForms:</i></p> | <p><input type="checkbox"/> Windows 7</p> <p><input type="checkbox"/> Windows 8</p> <p><input type="checkbox"/> Windows 8.1</p> <p><input type="checkbox"/> Windows 10</p> |
| <p>3</p> | <p>Microsoft .NET Framework</p> <p><i>Please mark, if all your system run the following software:</i></p> | <p><input type="checkbox"/> .NET Version 4.5 or higher</p> |

Information contact

We may require additional information regarding the installation of NiceLabel PowerForms Desktop clients.

| | | |
|-----------------|--|--|
| <p>7</p> | <p>NiceLabel PowerForms Desktop client contact</p> <p>Please specify contact details about the person providing information on NiceLabel PowerForms Desktop clients installation.</p> | <ul style="list-style-type: none"> • Same contact as Control Center • Other contact (Specify): <p>Company name: _____</p> <p>Contact name: _____</p> <p>Telephone: _____</p> <p>Email: _____</p> |
|-----------------|--|--|

3. System requirements for Non-production Environment (only for LMS Enterprise)

This chapter is only relevant for LMS Enterprise.

*Fill this chapter **only** if you wish to have a non-production environment and have a LMS Enterprise license.*

With LMS Enterprise two license keys are provided with the purchase. The first one is intended for production environment, and the second one for non-production environment (development or test environment) with the same number of permitted printers.

This section is split into 4 parts (Control Center, Automation, Web Printing System and PowerForms Desktop) and designed to ensure that the non-production environment systems meet system requirements.

3.1 NiceLabel Control Center (non-production)

Installation guide:

https://www.nicelabel.com/resources/files/doc/installation-guide/ig-Control_Center_Installation_Guide-en.pdf

| | | |
|---|--|--|
| 1 | <p>Dedicated server</p> <p>NiceLabel Control Center can be installed on a dedicated server or on a common server.</p> <p><i>Please specify if Control Center will be installed on a dedicated or a common server:</i></p> | <ul style="list-style-type: none"> • NiceLabel Control Center will use a dedicated server. • NiceLabel Control Center will use a common server, shared with other applications. |
| 2 | <p>Hardware and display</p> <p>NiceLabel Control Center requires listed minimum hardware requirements.</p> <p><i>Please mark, if your system meets these requirements:</i></p> | <ul style="list-style-type: none"> <input type="checkbox"/> CPU: Intel or other X86 processor <input type="checkbox"/> RAM: 4 GB or more <input type="checkbox"/> Disk space: 5 GB or more <input type="checkbox"/> Monitor: 1024x768 resolution or higher |
| 3 | <p>Operating system</p> <p>NiceLabel Control Center can run on a number of Microsoft Windows operating systems.</p> <p><i>Please mark which operating system will be used for NiceLabel Control Center:</i></p> | <ul style="list-style-type: none"> • Windows 7 • Windows 8 • Windows 8.1 • Windows 10 • Windows Server 2008 R2 • Windows Server 2012 • Windows Server 2012 R2 • Windows Server 2016 |

| | | |
|---|--|--|
| 4 | <p>Microsoft .NET Framework</p> <p><i>Please mark, if your system runs the following software:</i></p> | <p><input type="checkbox"/> .NET Version 4.5 or higher</p> |
| 5 | <p>Web server</p> <p>NiceLabel Control Center can use many versions of Microsoft IIS web server.</p> <p><i>Please mark what version of Microsoft IIS will be used for NiceLabel Control Center:</i></p> | <ul style="list-style-type: none"> • IIS 7 • IIS 7.5 • IIS 8 • IIS 10 |
| 6 | <p>HTTPS Access</p> <p>NiceLabel Control center can be accessed from a secure HTTPS connection.</p> <p><i>Please mark, if you require HTTPS configured:</i></p> | <ul style="list-style-type: none"> • HTTPS Access is required. • HTTPS Access is not required. |
| 7 | <p>Microsoft SQL Server location</p> <p>NiceLabel LMS requires a Microsoft SQL Database server. This server can run on the same server as NiceLabel Control Center or somewhere else.</p> <p><i>Please select the location of SQL server:</i></p> | <ul style="list-style-type: none"> • Same server as Control Center. • Other server as Control Center. |
| 8 | <p>Microsoft SQL Server Version</p> <p>Multiple Microsoft SQL version are supported.</p> <p><i>Please select your MS SQL version:</i></p> | <ul style="list-style-type: none"> • MS SQL Server 2005 • MS SQL Server 2008 • MS SQL Server 2012 • MS SQL Server 2014 • MS SQL Server 2016 • MS SQL Server 2017 <p><input type="checkbox"/> Using Express version of above listed SQL server version.</p> |
| 9 | <p>Microsoft SQL Server Failover Cluster</p> <p><i>Please select, if you wish to install the SQL server in a Failover cluster:</i></p> | <ul style="list-style-type: none"> • SQL Server will use a Failover Cluster. • SQL Server will not use a Failover Cluster. |

| | | |
|----|---|---|
| 10 | <p>SQL Server Authentication</p> <p>Some installations can use only SQL Server authentication or Windows authentication.</p> <p><i>Please select authentication options for NiceLabel Control Center target server:</i></p> | <ul style="list-style-type: none"> • Only Windows Authentication can be used. • Windows and SQL authentication can be used. |
| 12 | <p>Password complexity</p> <p>Some companies enforce a certain password complexity.</p> <p><i>Please specify, if you enforce those rules:</i></p> | <ul style="list-style-type: none"> • No complexity is enforced. • Complexity is enforced. (Specify details): _____ |
| 13 | <p>Mandatory database script review</p> <p>Some companies have policies that mandate that all SQL scripts are reviewed and approved by a database administrator – DBA. If so the installation will not be able to create the database on its own. (Some manual intervention is required)</p> <p><i>Please specify, if you mandate DBA script review:</i></p> | <ul style="list-style-type: none"> • DBA Review are not required. • DBA Review are required. |
| 14 | <p>Load balancer use</p> <p><i>Please specify if you intend to install NiceLabel Control Center on more than one server. If so specify the number of servers planned:</i></p> | <ul style="list-style-type: none"> <input type="checkbox"/> Single server <input type="checkbox"/> Multiple servers (Specify how many): _____ |
| 15 | <p>Same network domain</p> <p>NiceLabel LMS requires that all workstations are in the same domain as NiceLabel Control Center server.</p> <p><i>Please specify, if all connecting workstations use the same domain:</i></p> | <ul style="list-style-type: none"> • All workstations belong to the same domain • All workstations do not belong to the same domain |
| 16 | <p>NiceLabel Control Center Authentication configuration</p> <p>By default no authentication is mandated.</p> <p><i>Please specify if you wish to have the listed parameters configured:</i></p> | <ul style="list-style-type: none"> • Switch to Windows authentication • Keep the default (none) authentication. |
| 17 | <p>LMS Enterprise Configuration (only for LMS Enterprise)</p> <p><i>Please specify if you wish to have the listed parameters configured:</i></p> | <ul style="list-style-type: none"> <input type="checkbox"/> Enable document versioning <input type="checkbox"/> Enable approval workflow |

Information contact

We may require additional information regarding the installation of NiceLabel Control Center. Please specify details about the person providing information on NiceLabel Control Center system requirements.

| | | |
|----|---|---|
| 18 | NiceLabel Control Center contact <i>Please specify:</i> | <ul style="list-style-type: none">• Same contact as production environment• Other contact (Specify): <p>Company name: _____</p> <p>Contact name: _____</p> <p>Telephone: _____</p> <p>Email: _____</p> |
|----|---|---|

3.2 NiceLabel Automation (non-production)

Installation guide:

https://www.nicelabel.com/resources/files/doc/user-guides/ig-Automation_Installation_Guide-eng.pdf

| | | |
|----------|---|--|
| 1 | <p>Separate server</p> <p>NiceLabel Automation can use the same server as NiceLabel Control Center.</p> <p><i>Please specify the location of NiceLabel Automation:</i></p> | <ul style="list-style-type: none"> • Same server as Control Center (non-production) • Different server |
|----------|---|--|

To install NiceLabel Automation on a separate server or set of servers, the client's hardware and software must meet the below listed system requirements.

NiceLabel is going to install NiceLabel Automation. The client is responsible for installing and configuring all server requirements prior to the NiceLabel installation.

Skip this section if you selected "same server as Control Center" above.

(Go to Section 3.3 NiceLabel Web Printing System)

| | | |
|----------|---|--|
| 2 | <p>Hardware and display</p> <p>NiceLabel Automation requires listed minimum hardware requirements.</p> <p><i>Please mark, if your system meets these requirements:</i></p> | <ul style="list-style-type: none"> <input type="checkbox"/> CPU: Intel or other X86 processor <input type="checkbox"/> RAM: 4 GB or more <input type="checkbox"/> Disk space: 5 GB or more <input type="checkbox"/> Monitor: 1024x768 resolution or higher |
| 3 | <p>Operating system</p> <p>NiceLabel Automation can run on a number of Microsoft Windows operating systems.</p> <p><i>Please mark which operating system will be used for NiceLabel Automation:</i></p> | <ul style="list-style-type: none"> • Windows 7 • Windows 8 • Windows 8.1 • Windows 10 • Windows Server 2008 R2 • Windows Server 2012 • Windows Server 2012 R2 • Windows Server 2016 |
| 4 | <p>Microsoft .NET Framework</p> <p><i>Please mark, if your system runs the following software:</i></p> | <ul style="list-style-type: none"> <input type="checkbox"/> .NET Version 4.5 or higher |
| 5 | <p>Reliability – load balancer</p> <p>NiceLabel Automation can be installed on multiple servers with a load balancer.</p> <p><i>Please specify, if you wish to use a load balancer, the number of potential servers and the load balancer address:</i></p> | <ul style="list-style-type: none"> <input type="checkbox"/> We wish to use multiple servers and a load balancer: Number of servers: _____ Load balancer URL or IP address: _____ |

| | | |
|---|---|---|
| 6 | <p>Reliability – Failover / HA Cluster</p> <p>NiceLabel Automation can be installed on multiple servers (nodes). If one node fails, service will “fail over” to another node in the cluster.</p> <p><i>Please specify if you wish to use failover cluster functionality and the number of potential servers:</i></p> | <p><input type="checkbox"/> We wish to use multiple servers in a failover cluster: Number of servers: _____</p> |
|---|---|---|

Information contact

We may require additional information regarding the installation of NiceLabel Automation.

| | | |
|---|---|--|
| 7 | <p>NiceLabel Automation Contact</p> <p><i>Please specify contact details about the person providing information on NiceLabel Automation:</i></p> | <ul style="list-style-type: none"> • Same contact as Control Center • Other contact (Specify): <p style="margin-left: 40px;">Company name: _____</p> <p style="margin-left: 40px;">Contact name: _____</p> <p style="margin-left: 40px;">Telephone: _____</p> <p style="margin-left: 40px;">Email: _____</p> |
|---|---|--|

3.3 NiceLabel Web Printing System (non-production)

Installation guide:

https://www.nicelabel.com/resources/files/doc/installation-guide/ig-WebPrinting_Installation_Guide-en.pdf

| | | |
|----------|---|--|
| 1 | <p>Separate server</p> <p>NiceLabel Web Printing System can use the same server as NiceLabel Control Center or a dedicated server.</p> <p><i>Please specify the location of NiceLabel Web Printing System:</i></p> | <ul style="list-style-type: none"> • Same server as Control Center (non-production) • Dedicated server |
|----------|---|--|

To install NiceLabel Web Printing system on a separate server, the client's hardware and software must fulfil the below listed system requirements. Mark each item to confirm that the system meets NiceLabel Web Printing requirements.

NiceLabel is going to install NiceLabel Web Printing. The client is responsible for installing and configuring all server requirements prior to installation of NiceLabel.

Skip this section if you selected "same server as Control Center (non-production)" above.

(Go to Section 3.4 NiceLabel PowerForms Desktop).

| | | |
|----------|--|--|
| 2 | <p>Hardware and display</p> <p>NiceLabel Web Printing System requires listed minimum hardware requirements.</p> <p><i>Please mark, if your system meets these requirements:</i></p> | <ul style="list-style-type: none"> <input type="checkbox"/> CPU: Intel or other X86 processor <input type="checkbox"/> RAM: 4 GB or more <input type="checkbox"/> Disk space: 5 GB or more <input type="checkbox"/> Monitor: 1024x768 resolution or higher |
| 3 | <p>Operating system</p> <p>NiceLabel Web Printing System can run on a number of Microsoft Windows operating systems.</p> <p><i>Please mark which operating system will be used for NiceLabel Web Printing System:</i></p> | <ul style="list-style-type: none"> • Windows 7 • Windows 8 • Windows 8.1 • Windows 10 • Windows Server 2008 R2 • Windows Server 2012 • Windows Server 2012 R2 • Windows Server 2016 |
| 4 | <p>Microsoft .NET Framework</p> <p>Please mark, if your system runs the following software:</p> | <ul style="list-style-type: none"> <input type="checkbox"/> .NET Version 4.5 or higher |

| | | |
|---|--|--|
| 5 | <p>Web server</p> <p>NiceLabel Web Printing System can use many versions of Microsoft IIS web server.</p> <p><i>Please mark what version of Microsoft IIS will be used for NiceLabel Web Printing System:</i></p> | <ul style="list-style-type: none"> • IIS 7 • IIS 7.5 • IIS 8 • IIS 10 |
| 6 | <p>HTTPS Access</p> <p><i>Please mark if HTTPS is required:</i></p> | <ul style="list-style-type: none"> • HTTPS Access is required. • HTTPS Access is not required. |

Information contact

We may require additional information regarding the installation of NiceLabel Web Printing System.

| | | |
|---|---|--|
| 7 | <p>NiceLabel Web Printing System Contact</p> <p><i>Please specify contact details about the person providing information on NiceLabel Web Printing System:</i></p> | <ul style="list-style-type: none"> <input type="checkbox"/> Same contact as Control Center <input type="checkbox"/> Other contact (Specify): <p>Company name: _____</p> <p>Contact name: _____</p> <p>Telephone: _____</p> <p>Email: _____</p> |
|---|---|--|

3.4 NiceLabel Designers PowerForms Desktop and Web Clients (non-production)

NiceLabel Designers PowerForms helps you create label templates and printing applications (forms) for users that print labels. Typically, NiceLabel clients are installed on workstations, not on the server. NiceLabel Designers PowerForms Web Clients allow labels printing using forms across the internet or intranet.

NiceLabel is going to install PowerForms clients on 2 workstations as a part of the standard installation. The client is responsible for installing and configuring all further workstations.

Full installation guide can be found here: <https://www.nicelabel.com/resources/files/doc/installation-guide/ig-niceLabel 2017 Installation Guide-en.pdf>

Fill out *only* if you wish to have PowerForms Desktop clients installed.

| | | |
|-----------------|--|--|
| <p>1</p> | <p>Hardware and display</p> <p>NiceLabel PowerForms requires listed minimum hardware requirements.</p> <p><i>Please mark, if your systems meets these requirements:</i></p> | <ul style="list-style-type: none"> <input type="checkbox"/> CPU: Intel or other X86 processor <input type="checkbox"/> RAM: 2 GB or more <input type="checkbox"/> Disk space: 1 GB or more <input type="checkbox"/> Monitor: 1024x768 resolution or higher |
| <p>2</p> | <p>Operating system</p> <p>NiceLabel PowerForms can run on a number of Microsoft Windows operating systems.</p> <p><i>Please mark which operating systems that will be used for NiceLabel PowerForms:</i></p> | <ul style="list-style-type: none"> <input type="checkbox"/> Windows 7 <input type="checkbox"/> Windows 8 <input type="checkbox"/> Windows 8.1 <input type="checkbox"/> Windows 10 |
| <p>3</p> | <p>Microsoft .NET Framework</p> <p><i>Please mark, if all your system run the following software:</i></p> | <ul style="list-style-type: none"> <input type="checkbox"/> .NET Version 4.5 or higher |

Information contact

We may require additional information regarding the installation of NiceLabel PowerForms Desktop clients.

| | | |
|-----------------|--|--|
| <p>7</p> | <p>NiceLabel PowerForms Desktop client contact</p> <p>Please specify contact details about the person providing information on NiceLabel PowerForms Desktop clients installation.</p> | <ul style="list-style-type: none"> • Same contact as Control Center • Other contact (Specify): <p>Company name: _____</p> <p>Contact name: _____</p> <p>Telephone: _____</p> <p>Email: _____</p> |
|-----------------|--|--|

Thank you for completing the pre-
installation information requirements
form.

Please send the completed form to your
NiceLabel partner or directly to NiceLabel.

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sales.americas@nicelabel.com

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