



White Paper

Silent Install

How to Install BarTender and License
Server on Multiple Computers using
Command Lines

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Silent Install

BarTender and Seagull License Server (SLS) users can install and update Seagull Scientific products on computers in their network automatically with minimal to no user interface using the Silent Install command line. The Silent Install command line can be used to build scripts to install Seagull products on multiple computers, or to install Seagull products as part of an independent software vendor (ISV) installer package.

Installation Options

The Silent Install command line parameters allow you to define the products and features installed. You have the option of installing only BarTender or SLS (with the supporting shell extensions, help files, and all language files), installing all products, languages, and features, or installing only specified products and features.

Extracting the Installation Package from the BarTender Installation

1. Browse to the contents of the BarTender CD using Windows Explorer.
2. For installing BarTender, copy the contents of the `BT32` folder to your hard drive. For installing SLS, copy the contents of the `LicSrv` folder to your hard drive.

This white paper uses `C:\Install` as the storage directory on your computer.

Extracting the Installation Package from the Downloaded Installer

1. Open the command prompt. To do so, select the Windows Start button on the Desktop, and select the Run option. In the text box, type `cmd` and press the OK button.
2. Enter the filename of the web installer (i.e. `BT93_2715_Suite.exe` or `SLS93_2715.exe`) followed by the command line `/a`. Press Enter to execute the command line and begin the installer.
3. When prompted, specify a location on your hard drive to extract the installation files. This white paper uses `C:\Install` as the storage directory on your computer.

Command Line Installation Syntax

1. Open the command prompt. To do so, select the Windows Start button on the Desktop, and select the Run option. In the text box, type `cmd` and press the OK button.
2. Enter the desired command parameters using the syntax below. Press Enter to execute the command.

Silent Install Command Parameters Syntax

```
msiexec.exe /I "[MSI File Location, i.e.  
C:\Install\BarTender.msi]" [Install Mode]  
TRANSFORMS=[Default Install Language].mst  
ADDLOCAL=[Features] REMOVE=[Removed Features] PKC=[Product  
Key Code, i.e. XXXX-XXXX-XXXX-XXXX].
```

NOTE: Transform files (MST files) *only* specify the language of the installer user interface, and do not affect the languages that are installed with BarTender or SLS. These files are not available with the installers downloaded from the internet. If you need to run the installer user interface in a language other than the default language, you will need to obtain the necessary MST file from the BarTender installation CD.

Example Installation Scripts

To install all BarTender applications and features while monitoring the installation process:

```
msiexec.exe /I "C:\Install\BarTender.msi" /qb ADDLOCAL=ALL
```

To install all BarTender applications and features, and activate the software:

```
msiexec.exe /I "C:\Install\BarTender.msi" /qn ADDLOCAL=ALL  
PKC=xxxx-xxxx-xxxx-xxxx
```

To install all BarTender applications, excluding Commander with all languages:

```
msiexec.exe /I "C:\Install\BarTender.msi" /qn ADDLOCAL=ALL  
REMOVE=Commander
```

To install BarTender, Print Station, and Batch Maker to an alternative install directory, C:\My BarTender Software:

```
msiexec.exe /I "C:\Install\BarTender.msi" /qn  
ADDLOCAL=BarTender,PrintStation,BatchMaker  
INSTALLDIR="C:\My BarTender Software"
```

To install BarTender with specific languages and features such as Simplified Chinese and Japanese with sample formats and fonts:

```
msiexec.exe /I "C:\Install\BarTender.msi" /qn  
TRANSFORMS=1033.mst ProductLanguage=1033  
ADDLOCAL=BarTender,ChineseSimplified,Japanese,SampleLabels,Fonts
```

To install Seagull License Server:

```
msiexec.exe /I "C:\Install\License Server.msi" /qn
```

To install Seagull License Server with Italian as an additional language:

```
msiexec.exe /I "C:\Install\License Server.msi" /qn
ADDLOCAL=LicenseServer,Italian
```

Command Line Variables

Command Variable	State	Definition
Msiexec.exe	Required	Starts the Microsoft Installer executable.
/I	Required	Specifies the name and location of the MSI installer file for BarTender or SLS.
/qn	Optional	Specifies that the installation will take place without displaying a user interface. Note: The command line can contain either the /qn or /qb command variables, but not both.
/qb	Optional	Specifies that the installation creates a user interface that allows the user to monitor the installation progress. Note: The command line can contain either the /qn or /qb command variables, but not both.
TRANSFORMS	Optional	Defines the language of the installer user interface. Note: The extension .mst is required in the syntax, after the language ID number; i.e. TRANSFORMS=1033.mst See the Transforms ID column in Appendix B: Language Table for a complete list of available Transforms IDs.
INSTALLDIR	Optional	Specifies the install location. Note: If not specified, the specified applications will be installed to the default path, C:\Program Files.
ADDLOCAL	Optional	Adds additional features to the installation. See the Features Name column in Appendix A: Feature Table for a complete list of available additional features.
REMOVE	Optional	Removes features from the installation. Note: Do not add spaces between the features. For example: REMOVE=ChineseSimplified,ChineseTraditional,Korean,Japanese See the Features Name column in Appendix A: Feature Table for a complete list of available additional features.
/L*v	Optional	Creates an install log for troubleshooting installation problems. Note: To designate a location for the install log, add the desired location to the end of the command line; i.e. /L*v "c:\install.log"
ACCOUNT_NAME_FULL	Optional	Specifies a log in account for services in the BarTender Suite. If left blank, the local system account will be used. For domain accounts, enter domain\username. For Workgroups, enter username.
ACCOUNT_PASSWORD	Optional	A valid password for the account specified.

Appendix A: Feature Table

The following features can be added or removed using the ADDLOCAL and/or REMOVE commands. In addition, all of the languages from the Language column of Appendix B: Language Table can be used with the ADDLOCAL and/or REMOVE commands to install or uninstall additional languages.

<i>Syntax</i>	<i>Components</i>
ALL	All features in Appendix A: Feature Table and all languages in Appendix B: Language Table
BarTender	BarTender application
Components	BarTender's sample components
Fonts	Fonts included in the BarTender installer package. This is a parent category of SymbolFonts and OCRFonts, and will install both font sets. If installing only one set, use <code>Fonts, SymbolFonts</code> or <code>Fonts, OCRFonts</code> .
OCRFonts	OCR (optical character recognition) fonts
SymbolFonts	Symbol fonts
Samples	Sample label formats and SAP files included in the BarTender installer package. This is a parent category of SampleLabels and SampleSAPs, and will install both samples. If installing only one sample set, use <code>Samples, SampleLabels</code> or <code>Samples, SampleSAPs</code> .
SampleLabels	Sample label formats, such as shipping or retail labels
SampleSAPs	Sample SAP files
BatchMaker	Batch Maker application
Commander	Commander application
Librarian	Librarian application Note: Requires installation of the BarTender System Database
PrintStation	Print Station application
PrinterMaestro	Printer Maestro application
SDK	BarTender Print SDK and BarTender Print Server SDK, required for developing using the .NET Framework
SecurityCenter	Security Center application
SystemApplications	History Explorer and Reprint Console applications Note: Requires installation of the BarTender System Database
SYSTEM_SERVICE	The BarTender System Database, required for message and print job logging, Reprint Console, History Explorer, and/or Librarian
LicenseServer	Seagull License Server application

Appendix B: Language Table

The following languages are available in the BarTender installer package. The Language name can be used with the ADDLOCAL and/or REMOVE commands to install or uninstall additional languages. The Language ID is used with the ProductLanguage variable, and the Transforms ID is used with the TRANSFORMS variable.

<i>Language Name</i>	<i>Language ID</i>	<i>Transforms ID</i>	<i>Language Name</i>	<i>Language ID</i>	<i>Transforms ID</i>
ChineseSimplified	2052	2052.MST	Japanese	1041	1041.MST
ChineseTraditional	1028	1028.MST	Korean	1042	1042.MST
Czech	1029	1029.MST	Norwegian	1044	1044.MST
Danish	1030	1030.MST	Polish	1045	1045.MST
Dutch	1043	1043.MST	Portuguese	2070	2070.MST
English	1033	1033.MST	PortugueseBrazil	1046	1046.MST
Finnish	1035	1035.MST	Russian	1049	1049.MST
French	1036	1036.MST	Spanish	1034	1034.MST
German	1031	1031.MST	Swedish	1053	1053.MST
Greek	1032	1032.MST	Thai	1054	1054.MST
Hungarian	1038	1038.MST	Turkish	1055	1055.MST
Italian	1040	1040.MST			

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Companion Applications

- Printer Maestro: Enterprise Print Management
- Librarian
- BarTender Security Center
- BarTender Web Print Server

Recent Upgrades

- What's New in the Latest BarTender

Integration White Papers

- Integration Overview
- Commander
- Commander Examples
- BarTender's .NET SDKs
- BarTender's ActiveX Automation Interface
- Exporting Printer Code Templates
- Using BarTender with Terminal Services and Citrix MetaFrame
- Integration with Oracle's WMS and MSCA
- Integration with IBM WebSphere Sensor Events
- Integration with SAP

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- Weighing Scales
- Dynamically Changing Objects at Print-Time using VB Script
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- Licensing for BarTender's Automation Editions
- Printing International Characters Using BarTender
- BarTender Software Activation
- Using BarTender's Application Identifier Wizard
- Optimizing Label Printing Performance
- Status Monitor Overview
- Silent Install

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