

# NetIQ SecureLogin 8.0 SP1 Readme

May 2014



NetIQ SecureLogin 8.0.1 includes new features, improves usability, and resolves several previous issues.

Many of these improvements were made in direct response to suggestions from our customers. We thank you for your time and valuable input. We hope you continue to help us ensure that our products meet all your needs. You can post feedback in the [NetIQ SecureLogin forum](#) on NetIQ Communities, our online community that also includes product information, blogs, and links to helpful resources.

The documentation for this product is available on the NetIQ Web site in HTML and PDF formats on a page that does not require you to log in. If you have suggestions for documentation improvements, click **comment on this topic** at the bottom of any page in the HTML version of the documentation posted at the [NetIQ SecureLogin documentation](#) page. To download this product, see the [NetIQ SecureLogin Product Upgrade](#) Web site.

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## 1 What's New?

The following outline the key features and functions provided in this version, and the issues resolved in this release:

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## 1.1 Support For Polish Language

In addition to the existing localized languages, NetIQ SecureLogin is now localized in Polish language.

## 1.2 Support for Windows 8.1

In addition to the existing support for the Windows and Citrix platforms, NetIQ SecureLogin 8.0.1 supports Windows 8.1 platform.

## 1.3 Evaluation Build of SecureLogin

This release introduces an evaluation version and this can be downloaded from the [NetIQ Products](#) page. Using the evaluation version you can try out all the features of SecureLogin on a 30-day trial mode, without buying licenses.

Currently upgrading to a license model from the evaluation version is not supported. If you plan to buy the licenses of SecureLogin, uninstall the evaluation version and install the licensed version.

For instructions on installing SecureLogin, see [NetIQ SecureLogin Installation Guide](#)

## 1.4 Support for Newer Versions of Mozilla Firefox Browser

In addition to Mozilla Firefox browser versions 19 to 24, this release supports Mozilla Firefox browser versions 25 to 28.

## 1.5 Support for Internet Explorer 11

In addition to the support for Internet Explorer 8, 9, and 10, NetIQ SecureLogin 8.0.1 supports Internet Explorer 11 on Windows 7 and Windows 8.1 platforms.

## 1.6 Application Definition Wizard Enhancements

The Application Definition wizard is enhanced with more specific single sign-on options.

### 1.6.1 Opens Script-Editor for the Selected Application

In this release, the Add Application wizard opens the script editor for the selected application. When you launch an application and there is an existing application definition, the Add Application wizard displays the following additional option:

Cancel, open script editor so I can make changes.

Selecting this option, closes the wizard and opens the script editor of the application.

## 1.6.2 Additional Preferences

This release of NetIQ SecureLogin includes several new preferences. The preferences are organized into groups and a new group, **.Net** is introduced. In addition to the existing preferences, following are the list of new preferences categorized in different groups:

**.Net:**

Preference	Default
<b>Allow single sign-on to WindowsAutomation (DotNet) applications</b>	Yes
<b>Add application prompts for WindowsAutomation (DotNet) applications</b>	Yes
<b>Start the WindowsAutomation (DotNet) monitor/automation worker</b>	Yes

**NOTE:** The **Start the WindowsAutomation (DotNet) monitor/automation worker** preference replaces the DISABLE\_DOTNETSSO registry setting.

**Web:**

Preference	Default
<b>Allow single sign-on to Flash applications</b>	No
<b>Start the Flash monitor/automation worker</b>	No
<b>Add application prompts for web pages on mutation</b>	No
<b>Enable DHTML monitor on web pages</b>	Yes

**Window:**

Preference	Default
<b>Start the Windows 32bit (WinSSO32) monitor/automation worker</b>	Yes
<b>Start the Windows 64bit (WinSSO64) monitor/automation worker</b>	Yes

**Wizard group:**

Preference	Default
<b>Show Add Application wizard with minimal actions</b>	No
<b>Skip the wizard process and use defaults for new forms</b>	No

### 1.6.3 Displays Minimal Options

You can specify if the Add Application wizard must show the default options or minimal options.

If you set the wizard preference **Show Add Application wizard with minimal actions** to **Yes**, the Add Application wizard displays the following minimal options:

- ♦ Yes, I want to single sign using the default selections done by the wizard.
- ♦ Cancel, I do not want to single sign this screen at this time.
- ♦ No, never prompt me to single sign this screen.

### 1.6.4 An Option to Specify Default Wizard Selection for Single Sign-On

You can ignore the wizard process and use the default wizard selection instead.

If you set the wizard preference **Skip the wizard process and use defaults for new forms** to **Yes**, then the default wizard selections are applied for all the pages of the application and you can switch between the panes instead of making changes sequentially.

### 1.6.5 Monitors DHTML Web Pages

You can now use Application Definition wizard to handle DHTML events. The wizard enables single sign-on for Web pages that require DHTML script.

A new preference, **Enable DHTML monitor on web pages**, is added to enable or disable the DHTML setting. When you manage the single sign-on by using the Administrative Management Utility or user interface, you can enable the DHTML setting by selecting the default value, **Yes** for the preference.

For DHTML applications that depend on mutation events, the **Add application prompts for web pages on mutation** preference must be set to **Yes** to single sign-on to the application.

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**NOTE:** The **Enable DHTML monitor on web pages** preference replaces WEBSSO\_DHTML registry setting.

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In the Application Definitions wizard, perform the following to generate the DHTML script:

- 1 Select **Matching criteria** and then select **Yes. Use additional Wizard generated rules** to manually define the matching criteria.
- 2 Select **Matching events** under Rules.  
**Use Wizard generated rules** must be selected to view this rule.
- 3 Select **Page Events** and then select the appropriate option (create, mutate or create mutate)  
**Current form matching** must be selected to view this option.

### 1.6.6 Caches the Opened Applications and Changes Color of the Icon

NetIQ SecureLogin caches the application that are launched. The user can click on the icon and view the list of opened applications. When the applications are cached, the color of the icon changes to orange. When you clear the list of applications, the icon changes to blue, which is the default color.

## 1.7 Option to Enable/Disable Logging of Syslog Audit Messages

This release introduces a facility to log Syslog audit messages. During installation, NetIQ SecureLogin is configured on each host to connect and generate logs for a specific syslog service.

This enhances the auditing mechanism and removes the need of having another Security Information and Event Management (SIEM) solution.

### 1.7.1 Installing and Configuring Syslog Auditing

- ♦ [Section 1.7.1.1, “Installing Syslog Auditing Feature Using the Windows Installer Wizard,” on page 5](#)
- ♦ [Section 1.7.1.2, “Configuring Syslog Auditing Using the Windows Installer Command-Line Option,” on page 5](#)
- ♦ [Section 1.7.1.3, “Modifying the Registry Settings,” on page 6](#)

#### 1.7.1.1 Installing Syslog Auditing Feature Using the Windows Installer Wizard

- 1 Select **Syslog Server** option under **Auditing** to enable the Syslog auditing feature.
- 2 Specify the name of the server that is to be configured as the Syslog server. By default the Syslog server address is set to `localhost` and the supported protocol is `UDP`.

By default, the Syslog server listens on port `514`.

- 3 Select the language in which the event message should be sent to Syslog server. The supported languages are:

- ♦ German
- ♦ English
- ♦ Spanish
- ♦ French
- ♦ Japanese
- ♦ Portuguese
- ♦ Chinese (Traditional)
- ♦ Polish

The default language is English.

- 4 Click **Next** to install the Syslog Auditing feature on the workstation.

#### 1.7.1.2 Configuring Syslog Auditing Using the Windows Installer Command-Line Option

To configure Syslog using command-line option, use the following command:

```
APPENDLOCAL=Syslog SYSLOGSERVERURI=protocol-type://server-name:port-number:X_SYSLOGLANGUAGEID=<language-code>
```

Replace language-code with the code from the following supported languages:

- ♦ 1028 - Chinese (Traditional)
- ♦ 1031 - German
- ♦ 1033 - English (Default)
- ♦ 1034 - Spanish
- ♦ 1036 - French
- ♦ 1041 - Japanese

- ♦ 1045 - Polish
- ♦ 1046 - Portuguese

For example: APPENDLOCAL=Syslog SYSLOGSERVERURI=udp://localhost:514:1045

### 1.7.1.3 Modifying the Registry Settings

To enable/ disable Syslog audit messages, create the following registry entries:

#### EnableSysLog

<b>Purpose</b>	Enable/Disable sending audit events to the syslog server
<b>Location</b>	HKEY_LOCAL_MACHINE\Software\Protocom\SecureLogin
<b>Type</b>	REG_DWORD
<b>Value</b>	1 - Enable 0 - Disable (Default)

#### SyslogServerUri

<b>Purpose</b>	Syslog server details in the form of URI
<b>Location</b>	HKEY_LOCAL_MACHINE\Software\Protocom\SecureLogin
<b>Type</b>	REG_SZ
<b>Value</b>	<protocol-type>://<server-name>:<port-number>;X_SYSLOGLANGUAGEID=<language-code>  For example: udp://syslog.myserver.com:514;X_SYSLOGLANGUAGEID=1033

#### SyslogMessageLanguageId

<b>Purpose</b>	Language that should be used in sending the event message to syslog server.
<b>Location</b>	HKEY_LOCAL_MACHINE\SOFTWARE\Protocom\SecureLogin
<b>Type</b>	REG_DWORD
<b>Value</b>	Decimal value of the respective language as mentioned in section 1.3.1.2.

### 1.7.2 Enabling Logging to Syslog

- 1 Launch an Administrative Utility.
- 2 Click **Preferences > Auditing**. The **Enable logging to Syslog Server** option is an Administrator setting that is disabled by default. To enable logging of Syslog events on the user's workstation, select this option and set it to Yes.

## 1.8 Option to Disable Logging of Windows Event Messages from the Installation Wizard

In NetIQ SecureLogin, logging of windows event messages are enabled by default.

This release provides a facility to disable logging of Windows event messages during installation. Using this option administrators can decide if workstation event messages should be logged for each workstation.

**To disable logging of Windows event messages:**

- 1 Launch NetIQ SecureLogin installation wizard. Review and accept the license agreement.
- 2 Select the datastore.
- 3 In the Custom Setup screen, traverse to the **Auditing** menu option. **Windows EventLog** is enabled by default. Deselect the option to stop logging of windows event logs to the workstation.

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**NOTE:** If you have disabled logging of Windows event messages using the Installation Wizard, you must run the installation wizard once again to enable it.

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Installing SecureLogin with the **Windows EventLog** option enabled updates the registry and creates a registry entry named EnableWindowsEventLog.

### EnableWindowsEventLog

<b>Purpose</b>	Enable/Disable sending audit events to windows event logger
<b>Location</b>	HKEY_LOCAL_MACHINE\Software\Protocom\SecureLogin
<b>Type</b>	REG_DWORD
<b>Value</b>	1 - Enable 0 - Disable (Default)

This setting when used in conjunction with the **Enable logging to Windows Event log** preference helps to log Windows event messages for a specific user.

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**NOTE:** SecureLogin preferences can be managed using administrative utilities like iManager or SImanager. To ensure that the administrative utilities are installed, ensure that you select the **Directory Administration Tools** option while installing SecureLogin.

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### 1.8.1 Enabling Logging to Windows Event Log After the Installation

- 1 Launch Administrative Utility.
- 2 Click **Preferences > Auditing**. The **Enable logging to Windows EventLog** option is enabled by default. If you want to disable logging, deselect this option.

## 1.9 NetIQ SecureLogin Additional Script Variables

You can run the following commands to get the information about SecureLogin (product metadata):

System Variables	Value
?sysInstallDir(Tray)	Location of the tray or any other SecureLogin application.
?sysTrayHWND	System tray window handle.
?sysProductVersion(os)	Version of the operating system.
?sysProductVersion(app)	Version of the application on which the script is running.
?sysProductVersion(worker)	Version of the process (worker) running for the application.
?sysProductVersion(someapp.exe)	Version of some other application in the NetIQ SecureLogin folder.
?sysFileVersion(app)	Version including the patch number or the hotfix number of the application on which the script is running.
?sysFileVersion(worker)	Version including the patch number or the hotfix number of the process (worker) running on the selected application.
?sysPlatform(os)	Architecture of the operating system.
?sysPlatform(worker)	Architecture of the process (worker) that runs for the selected application.

## 1.10 Keyboard Shortcuts

You can now use the keyboard shortcuts to navigate to the required options.

To view the underlined letters in menu and dialog box options, press the Alt key, on the keyboard.

## 1.11 Enhancements and Fixes

This release of NetIQ SecureLogin includes the following software fixes that resolve several previous issues:

- ♦ [Section 1.11.1, “DotNetSSO Process Causes Memory Leak for Third Party Applications,” on page 8](#)
- ♦ [Section 1.11.2, “Single Sign-On Dialog Replaced with a Notification in the System Tray,” on page 9](#)
- ♦ [Section 1.11.3, “NetIQ SecureLogin Crashes on Force Shutdown,” on page 9](#)
- ♦ [Section 1.11.4, “Installation of NetIQ SecureLogin Results in Uninstallation of NMAS,” on page 9](#)

### 1.11.1 DotNetSSO Process Causes Memory Leak for Third Party Applications

**Issue:** Running the DotNetSSO process (slDotNetSSO or slDotNetSSO64) may cause memory leak in third party applications. DotNetSSO also continues to run for an extended time causing extra consumption of memory and CPU resources.



**Fix:** With this release of NetIQ SecureLogin, when DotNetSSO identifies an improper parent or child relationship in the containers or controls, it stops checking other related containers to avoid infinite recursion. So, DotNetSSO consumes less memory or CPU utilization.

### 1.11.2 Single Sign-On Dialog Replaced with a Notification in the System Tray

**Issue:** When a Web page that NetIQ SecureLogin can single sign-on is launched, the wizard prompt appears on the screen with all the options and the user is forced to select an option before proceeding.

**Fix:** With this release, NetIQ SecureLogin does not display the single sign-on dialog. Instead it displays a notification in the system tray for the users to decide if the dialog should be displayed or not. In addition to this, the color of the icon changes from blue to orange to indicate that the page is available for single sign-on.

If you do not want to use the wizard then you can ignore the notification and proceed.

When you click the notification pop-up, it displays the single sign-on dialog with all the options. If the user does not click on the notification pop-up, it disappears. You can activate the wizard by left clicking the icon once on the system tray and selecting the application to single sign-on.

### 1.11.3 NetIQ SecureLogin Crashes on Force Shutdown

**Issue:** When you use the `/forceshutdown` option to shut down, SecureLogin results in a crash.

**Fix:** With this release, this issue is resolved and you can use `/forceshutdown` option to shut down.

### 1.11.4 Installation of NetIQ SecureLogin Results in Uninstallation of NMAS

**Issue:** If you install SecureLogin on a workstation that already has NMAS installed, it leads to uninstallation of NMAS.

**Fix:** With this release of NetIQ SecureLogin, during installation, NMAS does not get uninstalled if it was already installed.

## 1.12 The NetIQ SecureLogin Theme Is Changed

The NetIQ SecureLogin color theme is changed to blue and it matches with the color theme of other NetIQ products.

## 2 System Requirements

For detailed information on hardware requirements and supported operating systems and browsers, refer the [Quick Start Guide](#).

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## 3 Installing NetIQ SecureLogin 8.0.1

To install NetIQ SecureLogin, refer the [Installation guide](#).

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## 4 Known Issues and Workarounds

NetIQ Corporation strives to ensure our products provide quality solutions for your enterprise software needs. The following issues are currently being researched. If you need further assistance with any issue, please contact [Technical Support](#).

- ♦ [Section 4.1, “Multiple Notifications for a Single Application,” on page 10](#)
- ♦ [Section 4.2, “Secure Workstation Icon Is Displayed Even After Uninstalling NetIQ SecureLogin,” on page 10](#)
- ♦ [Section 4.3, “Group Policy Objects Are Unavailable After Upgrading NetIQ SecureLogin,” on page 10](#)
- ♦ [Section 4.4, “Issue with Single Sign-On to Cached DHTML Web Pages,” on page 10](#)
- ♦ [Section 4.5, “The Self-Signed Certificates Do Not Work,” on page 11](#)
- ♦ [Section 4.6, “The Secondary Storage Value Is Not Updated for Smart Card,” on page 11](#)
- ♦ [Section 4.7, “Migration from Existing Datastore to LDAP Fails,” on page 11](#)

### 4.1 Multiple Notifications for a Single Application

**Issue:** When you launch an application for single sign-on, NetIQ SecureLogin may display multiple instances to single sign-on to the application. You need to click on each instance to identify the correct instance that you require and delete the others from the list.

**Workaround:** No workaround.

### 4.2 Secure Workstation Icon Is Displayed Even After Uninstalling NetIQ SecureLogin

**Issue:** When you uninstall NetIQ SecureLogin, the Secure Workstation icon is not removed from the taskbar and the system tray. This issue occurs if you have installed NetIQ SecureLogin with Secure Workstation enabled.

**Workaround:** Log off and log in again or restart the computer.

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### 4.3 Group Policy Objects Are Unavailable After Upgrading NetIQ SecureLogin

**Issue:** If you have created a Group Policy Object (GPO) by using SecureLogin 8.0, upgrading SecureLogin 8.0 to 8.0.1 displays checksum error and the GPO is not updated.

**Workaround:** Add, modify, or delete any policy and then run `gpupdate /force` on both server and client computers to extract all GPOs from the server.

### 4.4 Issue with Single Sign-On to Cached DHTML Web Pages

**Issue:** When you launch a DHTML Web page, a notification is displayed indicating that single sign-on can be applied for the application. If you ignore the notification and launch other applications, the DHTML Web page is cached and the Web page is not available for single sign-on by using the default wizard option.

**Workaround:** Single sign-on to the DHTML application when you launch it.

## 4.5 The Self-Signed Certificates Do Not Work

**Issue:** If you have configured SecureLogin with SSPR, the self-signed certificates do not work as expected.

**Workaround:** No workaround. It is recommended that you configure a trusted Certificate Authority for SSPR to avoid certificate issues.

## 4.6 The Secondary Storage Value Is Not Updated for Smart Card

**Issue:** If you use the **Modify** option in the installer to include the Smart card feature, it does not update the SecondaryStore value in the HKLM\Software\Protocom\Security registry key.

**Workaround:** If the secondary storage needs to be on Smart card, change this value manually to SmartCard. The default value is FILE.

## 4.7 Migration from Existing Datastore to LDAP Fails

**Issue:** Using the slMigrationHelper tool, if you attempt to modify the datastore from an existing one to LDAP, the datastore migration fails. This is because any LDAP or LDAPv3 mode requires NICI component to be installed.

**Workaround:** Use the -u option to specify the path to SecureLogin installer. For example:  
slmigrationhelper.exe -u C:\NetIQSecureLogin.exe -t LDAP -q. This switches the datastore to LDAP and installs NICI in the quiet mode.

# 5 Contact Information

Our goal is to provide documentation that meets your needs. If you have suggestions for improvements, please email [Documentation-Feedback@netiq.com](mailto:Documentation-Feedback@netiq.com) (<mailto:Documentation-Feedback@netiq.com>). We value your input and look forward to hearing from you.

For detailed contact information, see the [Support Contact Information website](http://www.netiq.com/support/process.asp#phone) (<http://www.netiq.com/support/process.asp#phone>).

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