



Admin Getting Around Guide
April 2015

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PLUG-IN

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REV. 1.0

How to Use This Guide

The Guide provides an overview of the key System features with references to the context Help for detailed info. The document goal is to give you a quick tour on what you can do in the System. The tour starts with installation guidelines and user interface overview, then continues with the System components description, chapter by chapter. The chapters are arranged according to the page view, moving from left to right. The installation guidelines are provided in detail to help you easily start working with the System.

Intended Audience

The Guide is intended for a network administrator managing a printer device fleet and understanding:

- network printing environment,
- · network protocols (including SNMP and HTTP), subnets, security features, addresses,
- · Windows operating systems on server and client computers,
- LDAP.

The Guide can also be useful for the MPS business representatives who provide printing services to third parties.

Terminology

The following terms are used throughout this Guide:

Acronyms

The following acronyms are used throughout this Guide:

ACRONYMS	MEANING	
IP	Internet Protocol	
HTTP	Hypertext Transfer Protocol	
HTTPS	Secure Hypertext Transfer Protocol	
LDAP	Lightweight Directory Access Protocol	
mDNS	Multicast Domain Name System	
MIB	Management Information Base	
NTLM	NT LAN Manager	
os	Operating System	
SLP	Service Location Protocol	
SMTP	Simple Mail Transfer Protocol	
SNMP	Simple Network Management Protocol	
sws	SyncThru Web Service, i.e. Device Embedded Web Server	
TCP	Transmission Control Protocol	
UDP	User Datagram Protocol	
WMI	Windows Management Instrumentation	
XOA	eXtensible Open Architecture	

Getting Started

This chapter contains basic info about the System, detailed installation guideline, and quick overview of the System user interface.

About System

The System is a web-based managing and monitoring application. It is designed for you to discover, configure, manage, monitor, create reports on any type of SNMP-compliant printing and imaging devices without leaving your desk. The System supports Samsung network devices and some devices of other manufacturers, but on the public MIB level only.

You can access the key System features from the Main Menu in the UI header. The Main Menu options available to you depend on your role and the plug-ins installed in the System.

Installation Requirements

System Requirements

ITEMS	SERVER SYSTEM REQUIREMENTS	CLIENT SYSTEM REQUIREMENTS
Hardware	Minimum: Pentium 4 processor, 2GHz or faster GB RAM or more at least 50 GB free disk space is recommended.	Client computers do not require any software to be installed. Only a web browser the System supports must be installed on the client computers.
Operating system	 MS Windows Server 2012 (32 bit and 64 bit) MS Windows 8 Professional (32 bit and 64 bit) MS Windows Server 2008 (32 bit and 64 bit) MS Windows 7 Professional (32 bit and 64 bit) 	Any operating system with a supported browser installed.
Database	PostgreSQL 9 MS SQL Server 2005 Standard Edition MS SQL Server 2005 Workgroup Edition MS SQL Server 2005 Enterprise Edition MS SQL Server 2008 Standard Edition MS SQL Server 2008 Workgroup Edition MS SQL Server 2008 Enterprise Edition MS SQL Server 2012 Standard Edition MS SQL Server 2012 Enterprise Edition	N/A
Network	Network interface: Ethernet 10/100 Base-TX Network protocols: TCP/IP (compatible with IPv6) Device communication: SNMP, SNMPv3, HTTP, WMI System server & client communication: HTTP, HTTPS	Network interface: Ethernet 10/100 Base-TX Network protocols: System server & client communication : HTTP, HTTPS
Browsers	N/A	 Internet Explorer 9.X or higher Mozilla Firefox 24 or higher Apple Safari 7 or higher Google Chrome 31 or higher Browser needs Adobe Flash Player 10.1 or higher (the highest Flash Player version is recommended)

ITEMS	SERVER SYSTEM REQUIREMENTS	CLIENT SYSTEM REQUIREMENTS
Resolution	N/A under browser	 1280 x 1024 or higher resolution is highly recommended. 1400 x 900 or higher resolution (wide screen) is highly recommended.

Ports

The System listens on several ports and opens some ports for specific features. See the table below for port description:

PORT	TYPE	DESCRIPTION
162	UDP	SNMP communication port
8080	TCP	HTTP default port (not required in case of HTTPS configuration, can be modified during the installation)
8081	TCP	HTTPS default port (not required in case of HTTP configuration, can be modified during the installation)
427	UDP	SLP multicast discovery (can be disabled in Settings)
5353	UDP	mDNS passive discovery (can be disabled in Settings)
5432	TCP	Default remote PostgreSQL port (in case Remote PostgreSQL is selected)
1433	TCP	Default MS SQL port (in case MS SQL Server is selected)

Installing System

To install System:

- 1. Go to the local or network location where you downloaded the System setup file.
- 2. Run the EXE file under an account having Administrator permission.
- 3. In the displayed **User Account Control** dialog click **Yes** to confirm installation.
- This step might be missing. It depends on your OS and its security settings.
- 4. In the displayed Installer Language dialog select the needed language and click OK.
- 5. Read the setup guide and click **Next** to continue installation.
- 6. Read the license information and click **I Agree** to continue installation.
- 7. Choose the destination path for installation.
- Click Next.
- 9. Select the Database server type you wish to use:
 - Embedded PostgreSQL

or if you prefer to use your own data base:

- Remote PostgreSQL
- Microsoft SQL Server.
- If Microsoft SQL Server/Remote PostgreSQL is selected on step 9, provide your MS SQL Server/PostgreSQL settings.
- 11. Click Next.
- 12. Provide network connection settings:
 - a. Select the Add an exception to Windows Firewall checkbox.
 - b. Modify the port number, if needed (8080 is used by default).
 - c. (Optional) To enable local user authentication select the Enable authentication checkbox and enter User ID and password.
- 13. Click Next.
- 14. Select the checkboxes of the components you wish to install:
 - Client Software Management. It enables file storage in the System for you to upload and manage device
 application setup files, including drivers and other files. The plug-in also supports pull installation for you to
 download a setup file (e.g. Local Device Agent), install it, and track the results via the System.
 - **Device Management Extention**. It enables extended device management features for Samsung devices, including device properies from Samsung private MIB, cloning, reporting, device profiles and tag management as well as trouble management.
 - Device Software Management. It enables device software associated features, including firmware update and font/form/macro management.

- XOA Application Management. It enables capability to install XOA applications to devices and manage their licenses.
- Managed Domain. It enables you to create and manage domains including their own devices and users. This can be useful, if you need to manage and get statistics on devices and users of different companies under your support or subsidiaries in your company that shouldn't share the data.
- PC Site Manager. It allows to install additional Site Managers on PC(s). The plug-in can be used only together with the Managed Domain plug-in.
- Device Site Manager. It allows to install Site Managers on device(s). The plug-in can be used only together with the Managed Domain plug-in.
- Accounting. It enables basic accounting functionality, including scans/copies/faxes guotas for users and capability to track the related usage statistics.
- Ø You can install/uninstall a plug-in after the System installation via the Plug-in menu.
- 15. Click Next.
- 16. Review the settings summary and click Next. If something is wrong, click Back one or several times to navigate back to the needed installation step and make corrections.
- 18. As the installation is successfully completed, click Next.
- 19. Select the Start Fleet Admin Pro application checkbox and click Close.
- 20. As the application is launched and ready, click Close.

Microsoft SQL Server Settings

To provide Microsoft SQL Server settings:

- In the Database server field enter your MS SQL Server address.
- (If needed) Change the port number of your MS SQL Server. Microsoft SQL Server uses port 1433 as a default.
- In the **Database name** field enter the name of the data base you wish to use.
- In the User ID field enter a valid user name to access your MS SQL Server. The user must have permission to connect to database engine and db_owner role for the needed database.



If you wish to use domain authentication, enter a domain user account name and specify Domain authentication settings as follows:

- Click Advanced settings.
- Select Domain authentication option.
- In the **Domain name** filed enter the domain name. C.
- Click OK.
- 5 In the **Password** field enter the corresponding password.
- (If you want to create a new database) Select the Create database checkbox.



- In this case make sure the user specified on step 4 is the MS SQL Server sysadmin. Otherwise, the System In this case make continuous installation will be aborted.
- Click Check to check the data base connection.
- If connection is successful, in the displayed confirmation dialog click **OK**. If failed, check the settings and try again.
- 10. (Optional) Configure encryption of database settings file/device connection settings and the name of the MS SQL server instance you wish to use (in case you have several database instances):
 - Click Advanced settings.
 - h Select Database authentication option.
 - C Select Encrypt database settings file checkbox.
 - In the Local user account field enter a local Windows user account name to be used for encryption of the database settings file (stored in the System installation folder).
 - In the **Password** field enter the corresponding password. e.
 - Select the Encrypt device connection settings checkbox to encrypt the device connection settings stored in f. the database.
 - (If you have several database instances) In the MS SQL server instance name field enter the needed database instance name.
 - Click OK. h

Remote PostgreSQL Settings

To provide Remote PostgreSQL settings:

- 1. In the Database server field enter your remote PostgreSQL address.
- (If needed) Change the port number of your PostgreSQL. PostgreSQL uses port 5432 as a default. 2
- In the **Database name** field enter the remote existing PostgreSQL database name.
- In the User ID field enter a valid user account name to access the remote PostgreSQL database. This account must have administrator permissions.

- 5. In the **Password** field enter the corresponding password.
- 6. (If you want to create a new database) Select the Create database checkbox.
- 7. Click Check to check the database connection.
- 8. If connection is successful, in the displayed confirmation dialog click **OK**. If failed, check the settings and try again.
- 9. (Optional) Configure encryption of database settings file/device connection settings:
 - a. Click Advanced settings.
 - b. Select Encrypt database settings file checkbox.
 - c. In the **Local user account** field enter a local Windows user account name to be used for encryption of the database settings file (stored in the System installation folder).
 - d. In the **Password** field enter the corresponding password.
 - Select the Encrypt device connection settings checkbox to encrypt the device connection settings stored in the database.
 - f. Click OK.

Opening System Browser

To access the System in a web browser address bar enter:

- http://server_name.domain:port_number
 - "server_name.domain" is the hostname of the machine where the System is installed.
 - "port_number" is the web server port number you entered during installation on step 12. Or
- http://ip address:port number
 - "ip address" is the IP address of the machine where the System is installed.
 - "port number" is the web server port number you entered during installation.
- Another way to open the System is to select Samsung Network Printer Utilities>Fleet Admin Pro>Fleet Admin Pro from the Start menu.
- If you have migrated from one System version to another or from SyncThru Web Admin Server 6, clear your browser cache before you launch the System. Otherwise, the System may work incorrectly.

Logging in to System

If authentication is enabled, log in to the System as follows:

- 1. Open the System as described in the previous section.
- 2. On the displayed page in the Login ID field enter your account name registered in the System.
 - If **Local and LDAP authentication** is enabled in the System and you are an LDAP user, enter your login in *format* <account name>@<LDAP server name> (e.g. j.smith@sng).
 - If you are a domain user of the multi-instance System, enter your login in *format* <domain name>\<account name> (e.g. UKOffice\j.smith).
- See Instance Management in online help for details on System instances.
- 3. (Optional) Select Save login ID checkbox to avoid entering your login every time you log in.
- 4. Click LOGIN.

System Interface Overview

The System interface layout depends on the Main Menu item selected in the header and your role in the System. The table below describes the System interface items:

NO.	ITEM	DESCRIPTION
1	ID	User ID displayed along with Logout , if user authentication is enabled and a user is logged in.
2	Logout	A link to exit the System.
3	About	Information about the System (including its version number and other details).
5	Help	A link to open the System Help where you can find info on how to perform the operation you need.
7	Site Map	A link to view the structure of the System menus.
8	Language Selector	A drop-down list for you to select the System display language.

NO.	ITEM	DESCRIPTION	
9	Main Menu	The header including the key menu options for you to access the System features. The options set depends on your permissions and the plug-ins installed in the System. It can include:	
		Dashboard. It allows to access the dashboard. See "Dashboard" on page 13.	
		Device. It allows to access the Device Management features. See "Device" on page 14.	
		User. It allows to access the User Management features. See "User" on page 22.	
		Report. It allows to access reporting capabilities. See "Report" on page 24.	
		Rule. It allows to access rule-based task automation features. See "Rule" on page 28.	
		Domain. It allows to access Domain Management features. See "Domain" on page 46.	
		Plug-in. It allows to access Plug-in Management features. See "Plug-in" on page 29.	
		• File. It allows to access File Storage features. See "File" on page 30.	
		Settings. It allows to access the System settings page for configuring the server as needed. See "Settings" on page 34.	
10	Sub-menu	It appears as you hover the cursor over a Main Menu option. The sub-menus set depends on the Main Menu option selected.	
11	Breadcrumbs	It is displayed under the Main Menu and represents a navigation path to the currently displayed page.	
12	Toolbar	It is displayed at the top of the right panel of the System pages and includes a set of controls. The set depends on the currently selected sub-menu of the Main Menu and provides access to the corresponding features. For example, under User > User Management it provides access to user Role Assignment and User Import features.	
13	All Tasks	The button is displayed at the bottom right corner of the System pages. It opens a list of currently active tasks (e.g. device configuration). You can stop, pause, and resume them.	

Icon Overview

The table below provides the System icons description.

Common

ICON	NAME	DESCRIPTION
C 5	Refresh	Reloads the data in the information panel.
62	Refresh Selected Item	Refreshes the information only for the selected items by retrieving information directly from the devices.
0	Help	Opens the System Help.
+	Add	Adds a new item (e.g. a device, user).
-	Delete	Deletes selected items.
Ф	Modify	Configures the selected item settings (e.g. user details).
+	Add	Adds a new item (e.g. a user group, device group). It is usually displayed on the left panel of the System pages.
O	Modify	Configures the selected item settings (e.g. a user group, device group). It is usually displayed on the left panel of the System pages.
	Delete	Removes the selected item (e.g. a user group, device group). It is usually displayed on the left panel of the System pages.
*	Import	Imports a .csv file including the needed data (e.g. user list).
	Export	Exports the selected item info to a .csv file (e.g. user list, device list).
旦	Printable format	Opens a new browser window/tab with the info (e.g. a report) in a printer-friendly format.
\boxtimes	Email	Sends an email with the data to the specified recipient (e.g. a report).
1111	Statistics	Opens the statistical data in chart format.
<u>%</u>	History Summary	Expands task information in the history pages.
ŽĮ.	Sort by name	Sorts list by name (e.g. task list in the device discovery history).
Ţ	Sort be date	Sorts list by date (e.g. task list in the device discovery history).
П	Pause	Pauses a runnung task (e.g. device discovery, device configuration).
>	Start	Initiates a paused task (e.g. device discovery, device configuration).
	Stop	Stops a runnung task (e.g. device discovery, device configuration).
•	Sort Custom	Appears as you hover the cursor over a column (e.g. in the Device List) and allows you to sort the list in ascending or descending order, or open a window for selecting custom columns to display.
×	Close	Closes the window or the widget on Dashboard.

Dashboard

ICON	NAME	DESCRIPTION
	Minimize/Maximize	Toggles between a full-screen widget and a minimized widget on Dashboard.
	Edit	Opens the window to make changes to the widget properties.

Device

ICON	NAME	DESCRIPTION
	Normal	Device is in a normal operational state.
?	Unknown	The status of the device is unknown.
A	Warning	Device is in a state where an error might occur in the future. For example, it might be in toner low status, which may lead to toner empty status.
8	Error	Device has an error.
A	Disconnected	Device is not connected to the network.
NEW	New	Device is newly discovered.

System Search

The System provides a search field for you to quickly spot the needed item (e.g. a device, user, file). The field is displayed above an item list (e.g. device list). Enter your request (e.g. device host name) and press *Enter* or click the magnifier icon. The search field is highlighted in yellow. As long as it is yellow, the item list displays only the items matching the search request. To view all items again, clear the search string and click the magnifier icon. *Do not forget to press Enter/click the magnifier icon every time you change a search request. Otherwise, the search results are not updated.*

Dashboard

The **Dashboard** menu is available, if you have *Dashboard permission(s)*. It allows you to configure a dashboard with interactive widgets showing device, user, and System related statistics. For example, you can add a widget showing current status of devices. This will help you to quickly monitor your printing environment. The widget set depends on the plug-ins installed in the System.

The Dashboard menu includes the following submenus:

- Domain.
- Server.

Domain

The **Domain** submenu opens the Domain dashboard where you can:

- add widgets with device and user statistics. To do this click a widget place-holder in the top left corner (to add the
 very first widget) or the Add Dashboard Widget icon at the bottom left corner. They open the Widget Wizard where
 you select a widget and specify its parameters. Parameters vary depending on the selected widget. Generally, you
 will select a device/user group whose statistics you wish to tack and how to display the statistics (as a pie or bar
 chart).
- **configure widgets layout**. From the **View mode** drop-down select how many widgets to display on the Dashboard. You can also drag and drop added widgets to the needed location on the Dashboard.
- set refresh interval for widgets. To do this click the Setting button at the bottom right corner.



If several domains are available, every managed domain will have its own dashboard.

See Dashboard in online help.

Viewing and Managing Widgets

A widget header includes the following controls for you to view and manage it (listed from left to right):

- Refresh icon. Click it to refresh a widget data.
- Edit icon. It opens the Widget Wizard where you can modify the widget parameters (e.g. select another device group or change the widget statistics period).
- Max icon. It opens a widget in a maximized view showing more detailed info. For example, if you expand the Device
 Status widget, you can view not only a device chart by status, but also the corresponding device list as well as a
 link (on the left) to the Device Management page where the full Device List is shown. A widget expanded view can
 include a link to the corresponding instant report.
 To minimize a widget click the Max icon again.
- Close icon. It removes a widget from the Dashboard.



For a chart you can hover the cursor over a bar/sector to view details on what it shows. For example, as you hover the cursor over a sector of the Device Status chart, the tooltip shows the device status, percent and number of devices in this status.

Server

The **Server** submenu opens the Sever dashboard where you can add the Server Health Widget to monitor the current status of the System server in terms of:

- CPU usage level,
- RAM availability,
- HDD usage level.

Use the header icons (described in the previous section) to view and manage the widget. See Dashboard>Server Health Widget in online help.

Device

The **Device** menu supports all the device-related operations including device discovery, configuration, firmware update and others. You can access the menu and its sub-menus, if you have *Device permissions*. The Device menu includes the following submenus:

- Device Management. See "Device Management" on page 14.
- Multi-Domain Device Management. The submenu is available, if the Managed Domain plugin is enabled in the System. See "Multi-Domain Device Management" on page 16.
- Management History. See "Management History" on page 17.
- Supply See "Supply" on page 16.
- Profile Monitor. See "Profile Monitor" on page 17.

Device Management

Device Management submenu opens the Device Management page including:

- · on the left panel:
 - · device groups,
- on the right panel:
 - · device list.
 - device management toolbar above the device list.

Device Groups

The System allows you to add devices to groups. It makes device management easier. By default the following groups are provided:

- Device Groups including:
 - All. The group contains all the devices added to the System.
 - Ungrouped. The group includes the devices not assigned to any group.
 - **Grouped**. The group is a root group for you to create your own sub-groups under and add devices to them. You can also modify, delete groups as well as drag and drop devices from one group to another. See Device Management>Group Management>Device Group in online help for details.
- Dynamic Groups including groups and sub-groups to which devices are added automatically according to their
 specific properties (e.g. model, color, on/off status). Under Custom Group you can create your own dynamic
 subgroups. The devices will be automatically added to them according to the conditions you specify. See Device
 Management>Group Management>Dynamic Group in online help for details.

Device List

The Device List on the right panel shows the discovered devices belonging to the group selected on the left panel. The Device List is a table where each column represents a device parameter and its value (e.g. host name, model name, IP address). See Device Management>Device List in online help for details.

You can manage the table to view the needed info:

- customize columns (e.g. sort, add, remove) via the column wizard. To open it hover the cursor over a column, click
 the triangle icon, and select Custom.
- filter by device status/tag using the corresponding drop-down menus above the Device List,
- search (e.g. by host name, model name) using search field above the Device List.

See Device Management>Device List>Column Management in online help for details.

You can also double-click a device to **view its details** (e.g. common parameters like toner or paper status, firmware, configuration details). They are displayed on tabs. A set of tabs depends on the plug-ins enabled in the System. See Device Management>Device List>Device Details in online help.

Device Management Toolbar

A set of device management toolbar items above the Device List depends on the your permissions and the plug-ins enabled in the System. The set can include:

Device Discovery button. It opens the Device Discovery wizard where you can select discovery methods, specify
device connection settings, and initiate the discovery immediately or schedule it for a certain date. The wizard also

allows you to save the specified discovery settings as a template to quickly use them later. See Device Management > Device Discovery > Device Discovery Settings in online help. The discovered devices will be displayed in the Device List on the right panel. You can also monitor discovery results in the Device Discovery History. See Device Management>Device Discovery>Device Discovery History.

- Device Configuration button. It is active when a device(s) is selected. The button opens the Device Configuration wizard where you can select device parameters to configure and define the needed values for them. Configuration items available depend on the device model and firmware version. The specified configuration settings can be saved as a template and easily loaded later. You can also select whether to configure selected devices immediately of schedule that for a certain date. See Device Management>Device Configuration>Device Configuration Settings in online help. You can also monitor configuration results in the Device Configuration History. See Device Management >Device Configuration>Device Configuration History in online help.
 - Before configuration, ensure the devices support SNMP protocol and SNMP Write Community or SNMPv3 settings are provided correctly in the System. See Settings>Device >Connection in online help.
- Device Profiles button (available if Device Management Extension plug-in is installed). It opens the Device
 Profiles wizard where you can create and assign a profile(s) to devices. A device profile includes a set of device
 properties you wish to monitor. For each property in the profile you define a condition it must meet. For example,
 device input tray 1 size is A4. As you assign a profile(s), you can navigate to the Profile Monitor and view whether
 the current configuration of the device(s) meets the profile conditions. See Device Management>Device Profiles and
 Device Management>Profile Monitor in online help.
- Device Cloning button (available if Device Management Extension plug-in is installed). It opens the Device Cloning wizard allowing to clone configuration from one device to others. In the wizard you can select a configuration file and apply it to the selected devices. The file can be a device address book or a cloning file including certain settings. The files are available, if downloaded from devices to the System repository. See Device Management>Device Cloning and Device Management in online help.
 - Note you can perform cloning between devices of the same model only. Before cloning, check SWS credentials are specified for the needed devices.
- Firmware Management button (available if Device Software Management plug-in is installed). It is active when a device(s) is selected. The button opens the Firmware Management wizard allowing to update firmware of the selected devices. In the wizard you can select a firmware file per each device model and apply it to the selected devices. The files are available, if uploaded to the System repository. See Device Management> Firmware Management> Firmware File in online help. Use Firmware Management History to monitor update results. See Device Management> Firmware Manage
 - Before updating firmware, check SWS credentials are specified for the needed devices.
- Application Management button (available if XOA Application Management plug-in is installed). It is active when
 a device(s) is selected. The button opens the Application Management wizard allowing to install, unistall, start or
 stop applications (application lifecycle control) on devices. To install an application to device, ensure the application
 PAR file is uploaded to the System repository. See Device Management>Device Application Management>Lifecycle
 Management Wizard and Device Management>Device Application Management>Device Application Repository.
 Use Application Management History to monitor results of device application management. See Device
 Management>Device Application Management>Task Management in online help.
 - Before managing device applications, check SWS credentials are specified for the needed devices.
- Font/Form/Macro Management button (available if Device Software Management plug-in is installed). It is active
 when a device(s) is selected. The button opens the Font/Form/Macro Management wizard allowing to install font,
 form, or macro files to devices. In the wizard you can select a file and initiate installation immediately or schedule it
 for certain date. The files are available, if uploaded to the System repository. See Device Management>Font/Form/
 Macro>Font/Form/Macro Settings and Device Management>Font/Form/Macro> Set Font/Form/Macro in online
 help. Use Font/Form/Macro Management History to monitor results of font/form/macro management. See Device
 Management>Font/Form/Macro>Font/Form/Macro>Font/Form/Macro History in online help.
- Driver Management button (available if Client Software Management plug-in is installed). It is active when a device is selected. The button opens the Driver Management wizard allowing to install a print driver (for a selected device) on a remote network computer. In the wizard you can use Auto driver selection or Manual driver selection option to pick the needed driver. In the first case the driver file is selected automatically (per device model). In the second case you select it from the driver file list displayed according to the device model and the computer OS. The files are available, if uploaded to the System repository. See Device Management>Driver Management>Driver Installation and Device Management>Driver Management>Driver Files in online help. Use Driver Installation History in online help.
- License Management button (available if XOA Application Management plug-in is installed). It is active
 when a device(s) is selected. The button opens the License Management wizard allowing to activate and
 deactivate licenses of the applications installed on devices. See Device Management>Device Application
 Management>License Management Wizard in online help.
 - Before managing licenses, check SWS credentials are specified for the needed devices.

- Assign Site Manager button (available if Managed Domain plug-in is installed). It is active when a device(s) is selected. The button opens a dialog allowing to select a Site Manager for a device. Site Manager ensures communication between the System and devices. See Site Management and Multi-Domain Device Management>Assigning Site Manager to Device in online help.
- Add icon. It opens a dialog allowing to add one device to the Device List. To do this you need to enter the device
 host name and connection settings. See section Adding New Devices in Device Management>Device List in online
 help.
- **Delete** icon. It is active when a device(s) is selected. The button opens a dialog allowing to delete devices from the System. You can select not only to delete, but also block the deleted devices. In this case they will not be added to the System during next discoveries. See section Deleting Devices in Device Management>Device List in online help.
- Connection Settings button. It is active when a device(s) is selected. The button opens a dialog allowing to provide SNMP device connection settings and credentials of the device Embedded Web Server (SWS). SNMP settings are needed for device data collection and device configuration. SWS login and password are required for firmware update, device cloning, and application management. You can select Use Default option to apply the default settings or specify individual device settings. The default settings are defined via the Settings page. See Settings>Device> Connection in online help.
- Assign Tags icon (available if Device Management Extension plug-in is installed). It is active when a device(s) is selected. The button opens a dialog allowing to assign tags to devices. The you will be able to filter the Device List by tags to quickly spot the needed devices. See Device Management>Tag Management>Assigning Tag in online help.
- Show devices from subgroups checkbox. When disabled, the Device List shows the devices of the selected group only. When enabled, the Device List shows the devices of the selected group and its subgroups.
- Statuses drop-down menu. It allows you to filter the Device List by device status as well as create and use your own custom filter.
- Tags drop-down menu (available if Device Management Extension plug-in is installed). It allows you to filter the Device List by device tags assigned with the help of icon Assign Tags.
- Search field. It enables you to search devices by certain parameters (e.g. host name, model name, IP address).

Multi-Domain Device Management

When the **Managed Domain** plug-in is installed and enabled in the System, **Multi-Domain Device Management** submenu is available to you, if you have Cross Managed Domain authorities and Managed Domain plug-in is enabled. The submenu opens the **Multi-Domain Device Management** page where you can:

- · view Device List by domain or in all domains at once,
- move devices from one group to another across domains.
- manage device groups within domains (add, remove, modify),
- · assign Site Manager to a device.

You must have appropriate authorities to perform the listed operations. Perform them the same way as from the **Device Management** page. *The difference is first select the domain where you wish to perform the operation.* A domain is an entity assigned to the System instance. It includes devices, users, and settings of different networks. See Site Management in online help for details.

The **Multi-Domain Device Management** page looks and feels like the **Device Management** page. It differs in terms of available controls and:

- includes **Managed Domains** section on the left panel for you to select multiple domains.
- displays device groups aggregated by domains. A set of groups depends on the selected domain(s). The **Dynamic** Groups section includes by default:
 - Site Manager group showing Site Managers registered in the System. Select a Site Manager to view a list of
 devices the Site Manager is assigned to.
 - Custom Group showing domains selected in the Managed Domains section. Select a domain to view a
 device list of the domain.

See Multi-Domain Device Management in online help for details.

Supply

The **Supply** submenu opens **Threshold Template Assignment** page where you can assign/unassign supply level templates to/from devices. The submenu is available in case Device Management Extention plug-in is enabled. Devices include different types of supplies including toner, drum, fuser, transfer, and others. The System allows you use supply level templates to configure early warning, low, and empty levels for them. According to these settings the System will detect Supply Level Alerts. And you will be able to track the device supply level in the Device List or via email messages.

The Threshold Template Assignment page consists of:

- · on the left panel:
 - device groups. Select a group to view the corresponding device list. You can also add, modify, and
 delete groups the same way as via the Device Management page. See Device Management>Group
 Management>Device Group and Device Management>Group Management>Dynamic Group in online help.
- · on the right panel:
 - device list. It shows the devices of the selected group. Pick devices to assign/unassign supply level templates to/from. If needed, manage the list columns (e.g. sort, add, remove) the same way as on the Device Management page. See Device Management>Device List>Column Management.
 - supply template toolbar with:
 - Assign Threshold Template button. It is active when a device(s) is selected. The button opens the
 Assign Threshold Template wizard where you can select and apply the needed supply level template.
 Templates are available, if they have already been created. If not, you can click the Add icon and create
 the needed template right from the wizard. See Device Management>Individual Device Supply Level
 Settings and Settings>Supply>Threshold Template>Creating Device Supply Level Template in online
 help
 - Unassign icon. It is active when a device(s) is selected. Click this icon to unassign a template(s) from device(s). See Unassigning Supply Level Template in Settings>Supply>Threshold Template>Creating Device Supply Level Template.
 - search field. It enables you to find a template by name.
 - Show devices from subgroups checkbox. When disabled, the Device List shows the devices of the selected group only. When enabled, the Device List shows the devices of the selected group and its subgroups.

Profile Monitor

If you have the *Monitor Profiles* permission, the **Profile Monitor** submenu opens **Profile Monitor** page. The submenu is available in case Device Management Extention plug-in is enabled. It helps you to monitor and manage profiles assigned to devices via the **Device Management** page. You can view whether current configuration of devices meets the their profile settings. If it does not, the profile is violated, i.e. its status is *Violated*.

The Profile Monitor page includes:

- on the left panel:
 - Profiles list. It shows a list of profiles assigned to devices. Per each profile you can view [total number of
 devices/number of devices with the profile violated]. Select a profile to view the corresponding Device List on
 the right panel. To delete a profile use the Delete icon at the bottom.
- · on the right panel:
 - device list. It shows the devices with the selected profile. In the Profile Status column check whether the
 device profile is Violated or OK (i.e. current device configuration meets the profile settings). If Violated, the
 violated setting column is highlighted in red. Hover the cursor over the column to view why it is violated. See
 Device Management>Profile Monitor in online help.
 - profile monitor toolbar with:
 - Unassign Profiles button. It is active when a device(s) is selected. Click it to unassign the profile from devices. See Device Management>Profile Monitor>Unassigning Device Profile in online help.
 - profile status drop-down menu. It allows to filter the device list by device profile status (Violated or OK).
 - search field. It enables you to find a device by host name.

Management History

The Management History submenu enables you to track history of device management tasks, including:

- Device Discovery History (see "Device Discovery History" on page 18),
- Application Management History,
- Firmware Management History,
- Font/Form/Macro Management History,
- · Driver Installation History,
- Local Device Agent Installation History,
- Device Configuration History.

Device Discovery History

The **Device Discovery History** submenu opens the **Device Discovery History** page. It allows you to monitor discovery tasks and their results. You can also modify, delete, disable, and initiate discoveries manually.

The **Device Discovery History** page consists of:

- the left panel where:
 - History section shows a list of scheduled discovery tasks. Per each task [execution time][recurring interval, e.g. once, weekly][number of runs] are displayed. If a task has already run, it is marked by a plus icon. Click it to view task run(s). Per each task run execution time is shown. Click a task run to view its results. The section also provides sort by name/sort by date icon at the header for you to sort the task list accordingly. To modify or delete selected task use the corresponding icons at the section bottom. Note only active tasks can be modified.
 - Calendar section allows you to quickly spot the needed task. Pick a date. If it is marked by a blue triangle with a number inside, it shows the number of tasks scheduled for this date. Click it and select a task.
- the right panel. Its view depends on what is selected on the left panel, including:
 - **Discovery Setting Summary** showing discovery task settings (discovery method, connection settings), if a task name is selected. When the task is active (postponed or runs regularly, e.g. weekly), you can edit its settings. Click the modify icon to do that.
 - **Discovery results** showing a list of discovered devices with status per each device. See "Discovery Results List" on page 18.
 - History Summary section. It opens as you click the History Summary icon in the top right corner. When a task
 name is selected, the section shows the task status, execution time, and recurring interval. It also provides
 Disable and Run Now buttons for you to deactivate/initiate task immediately. Disable is enabled, if the task is
 active.

When a task run is selected, the section shows the task run status, number of discovered (successfully added) and failed (not added) devices. It also provides pause, start, and stop buttons for you to pause/initiate/stop task run. You can use them, if the task run is in progress.

Discovery Results List

The Discovery results are displayed as a Device List table. Per each device the **Status** column shows discovery status:

- Succeeded, if a device is successfully added to the System.
- Failed, if a device failed to be added.

You can filter the list by status. To do that use the status drop-down menu above the list. To spot certain result use the standard search field. If needed, customize the list to view the relevant info. For example, add, remove columns as for the Device List. See Device Management>Device List>Column Management in online help.

Use the **Retry** button to retry discovery for all failed or selected devices. The button is enabled, if discovery is finished.

Application Management History

The **Application Management History** submenu opens the **Application Management History** page. The submenu is available in case XOA Applications Management plug-in is enabled. It allows you to monitor device application management tasks (installation, uninstallation, stop, start) and their results. You can also modify, delete, disable, and initiate tasks manually.

The Application Management History page consists of:

- the left panel where:
 - History section shows a list of scheduled application management tasks. Per each task [execution time]
 [recurring interval, e.g. once, weekly][number of runs] are displayed. If a task has already run, it is marked by
 a plus icon. Click it to view task run(s). Per each task run execution time is shown. Click a task run to view its
 results.

The section also provides sort by name/sort by date icon at the header for you to sort the task list accordingly. To modify or delete selected task use the corresponding icons at the section bottom. Note only active tasks can be modified.

- Calendar section allows you to quickly spot the needed task. Pick a date. If it is marked by a blue triangle with a number inside, it shows the number of tasks scheduled for this date. Click it and select a task.
- the right panel. Its view depends on what is selected on the left panel, including:
 - application management task results showing a device list with application task details per each device. See "Application Management Results List" on page 19.

History Summary section. It opens as you click the History Summary icon in the top right corner. When a task
name is selected, the section shows the task status, execution time, and recurring interval. It also provides
Disable and Run Now buttons for you to deactivate/initiate task immediately. Disable is enabled, if the task is
active

When a task run is selected, the section shows the task run execution time, status, number of successful and failed application actions (e.g. install, stop). It also provides pause, start, and stop buttons for you to pause/initiate/stop task run. You can use them, if the task run is in progress.

Application Management Results List

Results of device application management are displayed as table. You can filter the results by status (e.g. Failed, Succeed). To do that use the status drop-down menu above the list. To spot certain result use the standard search field. If needed, customize the list to view the relevant info. For example, add, remove columns as for the Device List. See Device Management>Device List>Column Management in online help.

Use the **Retry** button to retry task for all failed or selected devices. The button is enabled, if a task is finished. See Device Management>Device Application Management>Task Management in online help.

Firmware Management History

The **Firmware Management History** submenu opens the **Firmware Management History** page. The submenu is available in case Device Software Management plug-in is enabled. It allows you to monitor device firmware update tasks and their results. You can also modify, delete, disable, and initiate tasks manually.

The Firmware Management History page consists of:

- the left panel where:
 - History section shows a list of scheduled firmware update tasks. Per each task [execution time][recurring interval][number of runs] are displayed. If a task has already run, it is marked by a plus icon. Click it to view task run(s). Per each task run execution time is shown. Click a task run to view its results.
 The section also provides sort by name/sort by date icon at the header for you to sort the task list accordingly. To modify or delete selected task use the corresponding icons at the section bottom. Note only active tasks can be modified.
 - Calendar section allows you to quickly spot the needed task. Pick a date. If it is marked by a blue triangle with a number inside, it shows the number of tasks scheduled for this date. Click it and select a task.
 - the right panel. Its view depends on what is selected on the left panel, including:
 - firmware update results. See "Firmware Management Results" on page 19.
 - History Summary section. It opens as you click the History Summary icon in the top right corner. When a task
 name is selected, the section shows the task status, execution time, and recurring interval. It also provides
 Disable and Run Now buttons for you to deactivate/initiate task immediately. Disable is enabled, if the task is
 active.

When a task run is selected, the section shows the task run execution time, status, number of successful and failed device firmware updates. It also provides pause, start, and stop buttons for you to pause/initiate/stop task run. You can use them, if the task run is in progress.

Firmware Management Results

Results of device firmware management are displayed as table. You can filter the results by status (e.g. Failed, Succeed). To do that use the status drop-down menu above the list. To spot certain result use the standard search field. If needed, customize the list to view the relevant info. For example, add, remove columns as for the Device List. See Device Management>Device List>Column Management in online help.

Use the Retry button to retry task for all failed or selected devices. The button is enabled, if a task is finished.

See Device Management>Firmware Management>Firmware History in online help.

Font/Form/Macro Management History

The **Font/Form/Macro Management History** submenu opens the **Font/Form/Macro Management History** page. The submenu is available in case Device Software Management plug-in is enabled. It allows you to monitor device font/form/macro management tasks (e.g. font installation) and their results. You can also modify, delete, disable, and initiate tasks manually.

The Font/Form/Macro Management History page consists of:

- the left panel where:
 - History section shows a list of scheduled font/form/macro tasks. Per each task [execution time][recurring
 interval][number of runs] are displayed. If a task has already run, it is marked by a plus icon. Click it to view

task run(s). Per each task run execution time is shown. Click a task run to view its results. The section also provides sort by name/sort by date icon at the header for you to sort the task list accordingly. To modify or delete selected task use the corresponding icons at the section bottom. Note only active tasks can be modified. See Modifying Task and Deleting Task in Device Management>Font/Form/Macro> Font/Form/ Macro History in online help.

- Calendar section allows you to quickly spot the needed task. Pick a date. If it is marked by a blue triangle with a number inside, it shows the number of tasks scheduled for this date. Click it and select a task.
- the right panel. Its view depends on what is selected on the left panel, including:**font/form/macro task results**, if a task run is selected. See "Font/Form/Macro Task Results List" on page 20.
 - History Summary section. It opens as you click the History Summary icon in the top right corner. When a task
 name is selected, the section shows the task status, execution time, and recurring interval. It also provides
 Disable and Run Now buttons for you to deactivate/initiate task immediately. Disable is enabled, if the task is
 active

When a task run is selected, the section shows the task run execution time, status, number of successful and failed installations. It also provides pause, start, and stop buttons for you to pause/initiate/stop task run. You can use them, if the task run is in progress.

Font/Form/Macro Task Results List

Font/form/macro task results are displayed as a table. You can filter the results by status (e.g. Failed, Succeed, Progress). To do that use the status drop-down menu above the list. To spot certain result use the standard search field. If needed, customize the list to view the relevant info. For example, add, remove columns as for the Device List. See Device Management>Device List>Column Management in online help.

Use the **Retry** button to retry task for all failed or selected devices. The button is enabled, if a task is finished. See Viewing and Retrying Task in Device Management>Font/Form/Macro>Font/Form/Macro History in online help.

Driver Installation History

The **Driver Installation History** submenu opens the **Driver Installation History** page. The submenu is available in case Client Software Management plug-in is enabled. It allows you to monitor history of driver installations, track when and on which computers they were installed.

The **Driver Installation History** page consists of:

- the left panel where:
 - **History** section shows a list of driver installation tasks. Per each task [execution time][recurring interval] [number of runs] are displayed. A task is marked by a plus icon. Click it to view the task run. Per each task run execution time is shown. Click a task run to view its result.
 - The section also provides sort by name/sort by date icon at the header for you to sort the task list accordingly. To delete a selected task use the delete icon at the section bottom. See Deleting Task in Device Management>Driver Installation History in online help.
 - Calendar section allows you to quickly spot the needed installation task. Pick a date. If it is marked by a blue triangle with a number inside, it shows the number of tasks executed on this date. Click it and select a task.
- the right panel. Its view depends on what is selected on the left panel, including:
 - Driver installation result section, if a task run is selected. See Viewing Task Result in Device Management>Driver Management>Driver Installation History in online help.

If needed, customize the results table to view the relevant info. For example, remove columns as for the Device List. See Device Management>Device List>Column Management in online help.

Local Device Agent Installation History

The **Local Device Agent Installation History** submenu opens the **Local Device Agent Installation History** page. The submenu is available in case Client Software Management plug-in is enabled. It allows you to monitor history of Local Device Agent installations, track when and on which computers it was installed. Local Device Agent enables the System to manage USB-connected devices.

The Local Device Agent Installation History page consists of:

- the left panel where:
 - **History** section shows a list of Local Device Agent installation tasks. Per each task [execution time][recurring interval][number of runs] are displayed. A task is marked by a plus icon. Click it to view the task run. Per each task run execution time is shown. Click a task run to view its results.
 - The section also provides sort by name/sort by date icon at the header for you to sort the task list accordingly. To delete a selected task use the delete icon at the section bottom. See Deleting Task in Device Management>Local Device Agent Management>Local Device Agent Installation History in online help.
 - · Calendar section allows you to quickly spot the needed installation task. Pick a date. If it is marked by a blue

triangle with a number inside, it shows the number of tasks executed on this date. Click it and select a task.

- the right panel. Its view depends on what is selected on the left panel, including:
 - Local Device Agent installation results, if a task run is selected. See Viewing Task Result in Device Management>Local Device Agent Management>Local Device Agent Installation History in online help.

If needed, customize the results table to view the relevant info. For example, remove columns as for the Device List. See Device Management>Device List>Column Management in online help.

Device Configuration History

The **Device Configuration History** submenu opens the **Device Configuration History** page. It allows you to monitor configuration tasks and their results. You can also modify, delete, disable, and initiate tasks manually.

The **Device Configuration History** page consists of:

- the left panel where:
 - History section shows a list of scheduled configuration tasks. Per each task [execution time] [recurring interval, e.g. once, weekly] [number of runs] are displayed. If a task has already run, it is marked by a plus icon. Click it to view task run(s). Per each task run execution time is shown. Click a task run to view its results. The section also provides sort by name/sort by date icon at the header for you to sort the task list accordingly. To modify or delete selected task use the corresponding icons at the section bottom. Note only active tasks can be modified.
 - Calendar section allows you to quickly spot the needed configuration task. Pick a date. If it is marked by a blue triangle with a number inside, it shows the number of tasks scheduled for this date. Click it and select a task.
- the right panel. Its view depends on what is selected on the left panel, including:
 - Configuration Parameters showing configuration settings (execution time, number of devices and features to be configured), if a task name is selected. You can use:
 - View Devices button to view a list of devices to be configured.
 - View Properties button to view the devices features to be configured.
 - Create Template button to save configuration settings as template for future usage.
 - Configuration results showing the a list of configured devices with status per each device. See "Configuration Results List" on page 21.
 - History Summary section. It opens as you click the History Summary icon in the top right corner. When
 a task name is selected, the section shows the task status, execution time, and recurring interval. It also
 provides Disable and Run Now buttons for you to deactivate/initiate task immediately. Disable is enabled, if
 the task is active. See History schedule summary panel in Device Management>Device Configuration>Device
 Configuration History in online help.

When a task run is selected, the section shows the task run execution time and status. It also provides pause, start, and stop buttons for you to pause/initiate/stop task run. You can use them, if the task run is in progress. See History item summary panel in Device Management>Device Configuration>Device Configuration History in online help.

Configuration Results List

The configuration results are displayed as a Device List table. Per each device the **Status** column shows configuration status:

- Completed with no errors, if selected features were successfully configured for the device.
- **Completed with errors**, if errors occurred during the device configuration.
- Cancelled, if the device configuration was stopped.
- · Failed, if the device configuration failed.

You can filter the list by status. To do that use the status drop-down menu above the list. To spot certain result use the standard search field. If needed, customize the list to view the relevant info. For example, add, remove columns as for the Device List. See Device Management>Device List>Column Management in online help.

Double-click a configuration result to view its details. It may help understand the configuration failure reason.

Use the **Retry** button to retry configuration for all failed or selected devices. The button is enabled, if configuration is finished.

User

The **User** menu supports all the user-related operations. You can access it, if you have *User permissions*. The **User** menu includes the following submenus:

- User Management. It is available, if you have User List permission.
- Multi-Domain User Management. The submenu is available, if the Managed Domain plug-in is enabled in the System and you have Multi-Domain User Management permission.

User Management

The User Management submenu opens the User Management page including:

- on the left panel:
 - user groups,
- on the right panel:
 - user list.
 - user management toolbar above the device list.

User Groups

The System allows you to add users to groups. It makes user management easier. By default the following groups are provided:

- User Groups including:
 - All. The group contains all the users added to the System.
 - **Ungrouped**. The group includes the users not assigned to any group.
 - Grouped. The group is a root group for you to create your own sub-groups under and add users (e.g. local, domain) to them. You can also modify, delete groups as well as drag and drop users from one group to another. Such groups can be assigned certain roles. Users in these groups will have access to the System features allowed by the group roles, unless they are assigned individual roles. See User Management>User Group Management in online help for details.
- LDAP User Groups including groups and sub-groups imported from an LDAP server. The System allows you to do
 that after you register the LDAP server in the System. It is impossible to delete LDAP user groups manually. Their
 structure is according to LDAP import rules. So, you can clean them up only as you import LDAP users and define
 user group import rules. See Settings>Network>LDAP and User Management>Importing LDAP Users.

User List

The User List on the right panel shows users belonging to the group selected on the left panel. The User List is a table where each column represents a user property and its value (e.g. account name, user name). You can manage the table to view the needed info:

- customize columns (e.g. sort, add, remove) via the column wizard. To open it hover the cursor over a column, click
 the triangle icon, and select Custom.
- filter by user type (e.g. local, LDAP) using the corresponding drop-down menu on the toolbar above,
- search (e.g. by account, user name) using search field on the toolbar above.

You can also double-click a user to **view its details** (e.g. assigned roles). See User Management>Viewing and Searching User List.

User Management Toolbar

The toolbar includes:

- import icon. It allows you to import users from a CSV file or LDAP server. In the latter case ensure the LDAP server
 is registered in the System. See User Management>Importing Users from CSV and User Management>Importing
 LDAP Users in online help.
- export icon. It enables you to export the User List to a CSV file to share it with an authorized person or save it for
 future editing and importing to the System, when needed. See User Management>Exporting Users to CSV in online
 help
- printable format icon. It opens the User List in a printer-friendly format.
- Role Assignment button. It opens the Role Assignment wizard for you to create and assign user roles. See User

Management>Assigning User Roles in online help.

- Managed Domain Assignment button. It open the Managed Domain Assignment button for you to restrict user
 access to certain domain only. See User Management>Managed Domain Assignment in online help.
- add icon. It opens a dialog for you to add a user of local or domain type. Before you add a domain user, ensure the appropriate NTLM domain is added to the System. See User Management>Adding Users.
- modify icon. It is enabled, when a user is selected. The icon opens a dialog for you to edit user details. The details available for editing depend on the user type. These can be user name, email, login, password and others. You can not change the user type in any case. See User Management>Modifying User Info in online help.
- delete icon. It is enabled, when a user(s) is selected. The icon allows to delete users.
 See User Management>Deleting Users in online help.
- user type drop-down menu. It allows you to filter the User List by user type (Local, LDAP, NTLM Domain).
- · search field. Enter a user account or user name and click the magnifier icon to spot the needed user.

Multi-Domain User Management

The **Multi-Domain User Management** submenu opens the **Multi-Domain User Management** page. It look and feels the same way as the **User Management page**. The submenu is available in case Managed Domain plug-in is enabled. The difference is that you can select a domain(s). So, you can:

- view users by domain,
- manage users in the needed domains (e.g. add, assign roles, remove),
- manage user groups in the needed domains (e.g. add, remove).

A domain is an entity assigned to the System instance. It includes devices, users, and settings of different networks. See Site Management in online help for details.

Perform the listed operations the same way as from the **User Management**. *The difference is first select the domain where you wish to perform the operation*. On the **Multi-Domain User Management** page domains are listed on the Managed Domains panel. See Multi-Domain User Management in online help for details.

Report

The **Report** menu is available, if you have *Report permissions*. It enables you to access reporting features to run device usage, user statistics, and supply usage reports. That can be either quick interactive reports with minimum settings or custom reports according to your specific needs. For example, reports by certain devices/users created automatically on a regular basis.

The **Report** menu includes the following submenus:

- Instant Report (see "Instant Report" on page 25),
- Report Generation (see "Report Generation" on page 26),
- Multi-Domain Instant Report (see "Multi-Domain Instant Report" on page 27),
- Multi-Domain Report Generation (see "Multi-Domain Report Generation" on page 27).



The last two submenus are available, if the **Managed Domain** plug-in is enabled in the System. See "Domain" on page 46.

Report Categories

The following table describes what kinds of reports System provides:

CATEGORY	TYPE		DESCRIPTION
Assets	Current	Tray Information	Shows current tray information of devices.
	History	Asset Information History	Shows asset changes history for the following asset types for a select time period: IP Location Registration Group changes
Device Usage	Current	Device Detailed Usage	The report shows the number of prints, copies, faxes, reports made by devices up to the current moment. The data are grouped by paper color and size with the overall totals provided. This report is available only for Samsung devices.
		Device Total Usage	The report shows the current state of device usage count. It shows the overall number of prints, copies, faxes, and reports per device up to the current moment.
	History	Device Peak Usage History	Shows hourly distribution of printed pages based on total count information.
		Device Total Usage History	Shows how many pages were printed during the specified period. It uses total count information.
		Device Detailed Usage History	The report shows the number of prints, copies, faxes, reports made by devices within the specified period. The data are grouped by paper color and size with the overall totals provided. This report is available only for Samsung devices.

CATEGORY	TYPE		DESCRIPTION
Supply (Device Management Extension plug-in)	Current	Supply Current Information	Shows current consumables status and remaining level configured with supply type, toner type, and state.
	History	Supply Lifecycle History	Shows statistics for toner changing history including average time and counts.
		Supply Lifecycle Details History	Shows toner lifecycle, such as when it was installed, generated low toner warnings, and more.
	Forecast	Supply Details Forecast	Shows estimation for when to replace the specified supply type (toner or drum) within a selected period. The number of the needed replacements is provided as well.
		Supply Forecast	Shows estimation for how many selected supply types (toners or drums) should be bought within the specified period.
Device	Current	Device List	Shows the current device list.
	History	Device Lifecycle History	Shows the history of devices in the System from discovery to deletion.
		Device Availability History	Shows the downtime history for devices, i.e. how many times devices were unavailable and for how long on average and maximum.
Troubles and SLA	Current	Current Troubles	Shows current errors on devices by severity level and trouble open time.
(Device Management Extension plug-in)	History	Trouble Resolution Time by Device	Shows how much time which device was working properly based on the time required to fix faults and faults that occur during working time.
		Trouble Severity	Shows the error history for devices configured by severity level and trouble open time.
		Most Frequent Troubles	Shows the errors occurring most frequently on devices.
		Trouble Resolution Time	Shows how long the devices where in error status before being resolved by error type.
		Trouble Resolution Time by Severity	Shows how long the devices where in error status before being resolved by severity type.

Instant Report

The **Instant Report** submenu is available, if you have *Instant Report permission*. It opens the **Instant Report** page where you can run on the fly reports designed to help you easily get a quick look at the analytical data related to the devices and device users. You can view reports for a selected device/user group, not individual device(s)/user(s).

The Instant Report page consists of:

- the left panel where:
 - **Instant Report Type** section. It displays a list of reports grouped by categories (e.g. assets, device usage and others). Select the needed report here. See Reports>Instant Report in online help.
 - **Device Groups** section. It displays simple device groups, default and created manually. Pick a device group you wish to view a report for. See Device Management>Group Management>Device Group in online help.
 - Dynamic Groups section. It shows groups the devices are automatically added to according to their properties (e.g. model name, color). Pick a dynamic device group you wish to view a report for. See Device Management>Group Management>Dynamic Group in online help.
- the right panel. Its view depends on the selected report and can include:
- Settings section. It shows a report parameters (if any). Select the needed parameters here (e.g. report period, supply type, toner type).
- Instant Report Results section. It shows the selected report. The report can be represented as a table or a bar/pie chart or both. Depending on the report, you can customize its columns (add, remove, sort) to view the info you wish. Do it the same way as for the Device List. Device Management>Device List> Column Management in online help. For a chart you can hover the cursor over a bar/sector to view details on what it shows.



If the **Managed Domain** plug-in is enabled and several domains are added, the **Domain** drop-down menu is available in the top left corner. It allows to select a domain you need to run a report for. "Domain" on page 46.

Exporting, Printing, Emailing Instant Report

The System allows you to manage a report as follows:

- export to PDF/CSV/XML format.
- view in a printer-friendly format.
- send via email.

To perform the listed operations use Export/Printable format/E-Mail icons at the top right corner.

Report Generation

The **Report Generation** submenu is available, if you have *Report Generation permission*. It opens the **Report Generation** page where you can run custom reports on certain devices/users, not only the entire device/user group. Depending on a report type, you can also choose report columns, their order as well as schedule the report to run automatically (e.g. weekly, monthly) and monitor its history.

The Report Generation page consists of:

- the left panel where:
 - History section shows a list of scheduled reports. Per each report [execution time][recurring interval][number
 of runs] are displayed. If a report has already run, it is marked by a plus icon. Click it to view report run(s). Per
 each report run execution time is shown. Click a report run to view its results using the View Report button on
 the right panel.
 - The section also provides sort by name/sort by date icon at the header for you to sort reports accordingly. To modify schedule or delete a selected report use the corresponding icons at the section bottom. Note only regular and postponed reports can be modified. See Reports>Report Generation>Report Generation History in online help.
 - Calendar section allows you to quickly spot a report. Pick a date. If it is marked by a blue triangle with a number inside, it shows the number of reports scheduled for this date. Click it and select a report.
- the right panel. Its view depends on what is selected on the left panel, including:
 - Report History Details. It shows the selected report settings (e.g. report name, period, selected devices).
 When the report run is selected, the View Report button is displayed. It opens the report in a new tab/window.
 - Create Report button. It opens the Report Wizard for you to run a report according to your needs. You can select the needed report type, provide its settings (e.g. period) and column set, select the needed devices/ uses, and schedule when to run the report.
 - History Summary section. It opens as you click the History Summary icon in the top right corner. When a
 report is selected, the section shows the report status, execution time, and recurring interval. It also provides
 Disable and Run Now buttons for you to deactivate/initiate report immediately. Disable is enabled, if the report
 is regular or postponed (scheduled for future date).
 - When a report run is selected, the section shows its execution time and status. It also provides pause, start, and stop buttons for you to pause/initiate/stop task run. You can use them, if the report run is in progress.



If the **Managed Domain** plug-in is enabled and several domains are added, the **Domain** drop-down menu is available in the top left corner. It allows to select a domain you need to run a report for. See "Domain" on page 46.

Exporting, Printing, Emailing Custom Report

The System allows you to manage a report as follows:

- export to PDF/CSV/XML format.
- view in a printer-friendly format.
- send via email.

To perform the listed operations select a report run and click Export/Printable format/E-Mail icons at the top right corner.

Multi-Domain Instant Report

When the **Managed Domain** plug-in is installed and enabled in the System, **Multi-Domain Instant Report** submenu is available to you, *if you have Multi-Domain Reports permission*. **Multi-Domain Instant Report** menu provides the same set of interactive analytical reporting capabilities as the **Instant Report** menu. See "Instant Report" on page 25. The difference is that you can select several or all domains the devices belong to, when you run interactive analysis reports.

The Multi-Domain Instant Report page looks and feels like the Instant Report page, but:

- includes Managed Domains section on the left panel for you to select multiple domains.
- displays device groups aggregated by domains. A set of groups depends on the selected domain(s). The **Dynamic** Groups section includes by default:
 - Site Manager group showing Site Managers registered in the System. Select a Site Manager to view a report for devices the Site Manager is assigned to.
 - Custom Group showing domains selected in the Managed Domains section. Select a domain to view a report for devices included in the domain.

See Reports>Multi-Domain Instant Report in online help for details.

Multi-Domain Report Generation

When the **Managed Domain** plug-in is installed and enabled in the System, **Multi-Domain Instant Report** submenu is available to you, *if you have Multi-Domain Reports permission*. The **Multi-Domain Report Generation** menu provides the same set of custom reporting capabilities as the **Report Generation** menu. See "Report Generation" on page 26. The difference is that in the Report Wizard you can select several or all domains the devices belong to, when you run custom reports.

See Reports>Multi-Domain Report Generation>Creating Multi-Domain Report in online help.

Rule

The **Rule** menu is available, if you have *Rule Management permission*. It opens the **Rule Management** page where you can create rules for actions to be automatically performed, when a certain event occurs. For example, automatically apply connection settings, when a device is added to the System or assign roles, when a user is created.

The Rule Management page consists of:

- on the left panel:
 - Event List section. Here you select an event upon which an action must be performed. For example, device added to System. A set of events depends on the plug-ins enabled in the System.
- on the right panel:
 - rule list section. It shows a rule list associated with the selected event. You can customize its columns
 (add, remove, sort) to view the needed rule details. Do this the same way as for the device list. See Device
 Management>Device List>Column Management in online help.
 - rule toolbar, including controls for you to manage rules (add, delete). See "Rule Toolbar" on page 28.

Rule Toolbar

The rule toolbar contains (from left to right):

- Add icon to create a rule. It opens the Rule Wizard where you:
 - select a condition(s) on which to perform action. For example, the added device must belong to certain group.
 In this case click the condition group link and select the needed group. A set of conditions depends on the selected event.
 - select an action(s) to be performed automatically. For example, apply connection settings to the added device.
 In this case click the action connection settings link to specify the settings. A set of actions depends on the selected event.
 - · provide rule name and description.

See Rule Based Task Automation>Rule Wizard in online help.

- Delete icon. It is enabled, when a rule(s) is selected. Click it to remove rules.
- Modify icon. It is enabled, when a rule is selected. It opens the Rule Wizard for you to edit the rule conditions and actions in.
- Move up/Move down icons. They are enabled, when a rule is selected. Click the icon to move a rule to one position
 up/down in the list.
- search field. Enter a rule name and click the magnifier icon to spot the needed rule.

Plug-in

The **Plug-in** menu is available, if you have *Plug-in Management permission*. It has the Plug-in Management submenu that opens the **Plug-in Management** page for you to install/uninstall, start/stop the needed System plug-ins and manage their licenses.

The Plug-in Management page consists of:

- the left panel with:
 - a list of plug-ins available in the System
 - Add icon. It opens a wizard for plug-in installation. See Installing a Plug-in in Plug-in Management in online
 help. In multi-instance System you need to install a plug-in on the main instance first. Then it is automatically
 installed to other instances, if they are online. If some of them are offline, install the plug-in on them manually.
 See Instance Management in online help.
 - Delete icon. It is enabled when a plug-in is selected and allows to uninstall the plug-in.
 See Uninstalling a Plug-in in Plug-in Management in online help.
- the right panel with:
 - the selected plug-in summary and the **Start/Stop** button to turn on/off the plug-in. **Start** is available, if the plug-in is disabled. **Stop** is available, if the plug-in is enabled. See Starting a Plug-in and Stopping a Plug-in in Plug-in Management in online help.
 - the License List of the selected plug-in with Activate and Deactivate icons to manage them accordingly.
 Activate and deactivate the plug-in licenses the same way as described in Settings>System>License
 Management in online help.

File

The **File** menu is available, if you have *File permissions*. It provides access to the System file repository where plug-in, device application, driver as well as firmware and other installation files can be stored and then used for the corresponding operations (e.g. the System plug-in installation, device firmware update).

The File menu includes the following submenus:

- Application
 - Plug-in
 - Device
 - Local Device Agent
 - Site Manager Installer
- Device Cloning
- Firmware
- Font/Form/Macro
- Driver

Plug-in

The **Plug-in** submenu is available, if you have *Plug-in Repository permission*. The submenu opens the **Plug-in** page, which is the plug-in file repository. It is designed to store setup files of the plug-ins that can be installed in the System. You can add/delete files to/from the repository. The **Plug-in** page consists of:

- the left panel showing the default Plug-in Group.
- · the right panel including:
 - the plug-in setup files list. Initially it contains the setup files of the plug-ins you select during the System installation. You can customize its columns (remove, add, sort) to view the needed file details. Do this the same way as for the device list. See Device Management>Device List>Column Management in online help. To view a file details double-click it.
 - · the plug-in file toolbar where:
 - Add icon opens a dialog for uploading a plug-in file. See Uploading a Plug-in Installation File in Plug-in Management>Plug-in File Management in online help.
 - Delete icon is enabled when a file is selected and allows to remove the file. See Removing a Plug-in Installation File in Plug-in Management>Plug-in File Management in online help.
 - search field. Enter the file name/Plug-in ID/Vendor ID/Version and click the magnifier icon to find the needed file.

Device

The **Device** submenu is available, if you have *Device Application Repository permission* and XOA Device Application Management plug-in is enabled. The submenu opens the **Device** page, which is the device application file repository. It is designed to store setup files of the applications that can be installed on devices via the Application Management wizard (see Device Management>Device Application Management> Lifecycle Management Wizard in online help). You can add/ delete files to/from the repository.

The **Device** page consists of:

- the left panel showing the default device Application Group.
- the right panel including:
 - the device application setup files list. You can customize its columns (remove, add, sort) to view the needed file details. Do this the same way as for the device list. See Device Management>Device List>Column Management in online help. To view a file details double-click it.
 - the device application file toolbar where:
 - Add icon opens a dialog for uploading a device application file. See Uploading Device Application
 File in Device Management>Device Application Management>Device Application Repository in online
 help.
 - Delete icon is enabled when a file(s) is selected and allows to remove the file. See Removing Device
 Application File in Device Management>Device Application Management>Device Application Repository
 in online help.
 - search field. Enter the package name/provider and click the magnifier icon to find the needed file.

Local Device Agent

The **Local Device Agent** submenu is available, if you have *Local Device Agent Repository permission* and Client Software Management plug-in is enabled. The submenu opens the **Local Device Agent** page, which is the Local Device Agent file repository. It is designed to store setup files of Local Device Agent that can be installed on PC. See Device Management>Local Device Agent Installation in online help. This enables the System to manage USB-connected devices. You can add/delete files to/from the repository.

The Local Device Agent page consists of:

- the left panel showing Local Device Agent groups, including:
 - All Local Device Agents. The group contains all setup files of Local Device Agent added to the System.
 - Ungrouped. The group includes the setup files not included in any group. All the files belong in here by
 default.
 - Grouped. The group is a root group for you to create your own sub-groups under and add files to them.
 See Local Device Agent Group Management in Device Management>Local Device Agent Management>Local Device Agent Files in online help for details.
- the right panel including:
 - the setup files list of the selected group. You can customize its columns (remove, add, sort) to view the
 needed file details. Do this the same way as for the device list. See Device Management>Device List>Column
 Management in online help. The **Download** button opens a dialog to choose destination and save a file for
 installation on a PC.
 - · the Local Device Agent file toolbar where:
 - Add icon opens a dialog for uploading a setup file. See Uploading Local Device Agent File in Device Management>Local Device Agent Management>Local Device Agent Files in online help.
 - **Delete** icon is enabled when a file(s) is selected and allows to remove the file. See Removing Local Device Agent File in Device Management>Local Device Agent Management>Local Device Agent Files in online help.
 - Modify icon is enabled when a file is selected and allows to update the file. See Updating Local Device Agent File in Device Management>Local Device Agent Management>Local Device Agent Files in online help.
 - search field. Enter the file version/name and click the magnifier icon to find the needed file.

Site Manager Installer

The **Site Manager Installer** submenu is available, if the Managed Domain plugin is enabled in the System and you have *Site Manager Installer permission*. The submenu opens the **Site Manager Installer** page, which is the Site Manager file repository. It is designed to store setup files of external Site Manager that can be installed on PC or device. Site Manager is an application that runs on a host or device in a network and allows the System to access devices. See Site Management in online help for details. As you upload a new setup file version, the Site Manager on the PC/device will be automatically updated. You can also delete files from the repository.

The Site Manager Installer page consists of:

- · the left panel showing the default Site Manager Updater Group.
- the right panel including:
 - the Site Manager setup files list. You can customize its columns (remove, add, sort) to view the needed file details. Do this the same way as for the device list. See Device Management>Device List>Column Management in online help. To view a file details double-click it.
 - the Site Manager file toolbar where:
 - Add icon opens a dialog for uploading a Site Manager setup file.
 - Delete icon is enabled when a file(s) is selected and allows to remove the file.
 - search field. Enter the file name/application type/version/description and click the magnifier icon to find the needed file.
 - Download button allows to download the Site Manager installer to the needed location.

See Site Management>Updating Site Manager in online help.

Device Cloning

The **Device Cloning** submenu is available, if you have *Device Cloning permission* and Device Management Extension plug-in is enabled. The submenu opens the **Device Cloning** page, which is the device cloning file repository. It is designed to store cloning files for device configuration via the Device Cloning wizard. See Device Management>Device Cloning in online help. You can add/delete files to/from the repository. The **Device Cloning** page consists of:

- the left panel showing the cloning file groups by device models. Groups are added dynamically as you create cloning files for different device models.
- the right panel including:
 - the cloning file list of the selected device model group. You can customize its columns (remove, add, sort) to view the needed file details. Do this the same way as for the device list. See Device Management>Device List>Column Management in online help.
 - · the cloning file toolbar where:
 - Add icon opens Device Cloning wizard for creating a cloning file. You can choose between address book
 including the device address book data (e.g. user names, emails, fax numbers) or a cloning file with
 certain device configuration settings. See Creating Device Cloning File in Device Management>Device
 Cloning>Cloning Configuration Files Management in online help. Before creating a cloning file, check
 Embedded Web Server connection settings of the needed device are provided correctly.
 - Delete icon is enabled when a file(s) is selected and allows to remove the file.
 - filter drop-down menu. It allows you to filter the cloning file list by file type (cloning file or address book).
 - search field. Enter the file name and click the magnifier icon to find the needed file.

Firmware

The **Firmware** submenu is available, if you have *Firmware Repository permission* and Device Software Management plug-in is enabled. The submenu opens the **Firmware** page, which is the device firmware repository. It is designed to store firmware files for device firmware update via the Firmware Management wizard. See Device Management>Firmware Management>Firmware Management Toolbox in online help. You can add/delete files to/from the repository as well as modify their info.

The Firmware page consists of:

- the left panel showing the default Firmware Group.
- the right panel including:
 - the firmware file list. You can customize its columns (remove, add, sort) to view the needed file details. Do this
 the same way as for the device list. See Device Management>Device List>Column Management in online help.
 The **Download** button opens a dialog to choose destination and save a firmware file to store it locally.
 - Add icon opens a dialog for uploading a firmware file. See Uploading Device Firmware File in Device Management>Firmware Management>Firmware File in online help.
 - **Delete** icon is enabled when a file(s) is selected and allows to remove the file. See Removing Device Firmware File in Device Management>Firmware Management>Firmware File in online help.
 - Modify icon is enabled when a file is selected and allows to update the file info (Version/Model/Comment). See
 Modifying Device Firmware File in Device Management>Firmware Management>Firmware File in online help.
 - search field. Enter the file name/version/model/comment and click the magnifier icon to find the needed file.

Font/Form/Macro

The Font/Form/Macro submenu is available, if you have Font/Form/Macro Repository permission and Device Software Management plug-in is enabled. The submenu opens the Font/Form/Macro page, which is the device font/form/macro repository. It is designed to store font/form/macro files for installing the needed fonts/forms/macros on devices via the Font/Form/Macro Management wizard. See Device Management>Font/Form/Macro>Font/Form/Macro Settings in online help. You can add/delete files to/from the repository.

The Font/Form/Macro page consists of:

- the left panel showing a list of file groups by file type.
- the right panel including:
 - the file list of the selected group. You can customize its columns (remove, add, sort) to view the needed file details. Do this the same way as for the device list. See Device Management>Device List>Column Management in online help.
 - Add icon opens a dialog for uploading a font/form/macro file. See Uploading Device Font/Form/Macro File in Device Management>Font/Form/Macro>Set Font/Form/Macro in online help.

- Delete icon is enabled when a file(s) is selected and allows to remove the file. See Removing Device Font/ Form/Macro File in Device Management>Font/Form/Macro>Set Font/Form/Macro in online help.
- Set File Key button. It opens a dialog for you to define/update a parsing file key for a PCL Font/Macro file. See Setting Device Font/Form/Macro File Key in Device Management>Font/Form/Macro>Set Font/Form/Macro in online help.
- search field. Enter the file name/file type/file key and click the magnifier icon to find the needed file.

Driver

The **Driver** submenu is available, if you have *Driver Repository permission* and Client Software Management plug-in is enabled. The submenu opens the **Driver** page, which is the driver file repository. It is designed to store print drivers that can be installed on PC. See Device Management> Driver Management> Driver Installation in online help. You can add/ delete files to/from the repository as well as update them.

The **Driver** page consists of:

- the left panel showing driver groups, including:
 - All Drivers. The group contains all drivers added to the System.
 - Ungrouped. The group includes the drivers not included in any group. All the drivers belong in here by default.
 - **Grouped**. The group is a root group for you to create your own sub-groups under and add drivers to them for easier management. See Driver Group Management in Device Management>Driver Management> Driver Files in online help for details.
- · the right panel including:
 - the driver list of the selected group. You can customize its columns (remove, add, sort) to view the needed file details. Do this the same way as for the device list. See Device Management>Device List>Column Management in online help. If a star icon in the Default column is enabled, the driver is set to be default, i.e. will be automatically used during driver installation with Auto driver selection mode selected.
 - the driver file toolbar where:
 - Add icon opens a dialog for uploading a driver file. See Uploading Device Driver File in Device Management >Driver Management>Driver Files in online help.
 - **Delete** icon is enabled when a file(s) is selected and allows to remove the file. See Removing Device Driver File in Device Management >Driver Management >Driver Files in online help.
 - Modify icon is enabled when a file is selected and allows to update the file (e.g. re-browse, change
 details). See Updating Device Driver File in Device Management > Driver Management > Driver Files in
 online help.
 - search field. Enter the file name/version/driver model name/comment/OS/OS bit and click the magnifier icon to find the needed file.

Settings

The **Settings** menu is available, if you have *Settings permission(s)*. It allows you to configure different settings for your printing environment. The table below provides the settings overview.

SETTINGS CATEGORY	DESCRIPTION	
System	HTTP Security. The setting is available, if you have HTTP Security Settings permission. It allows you to configure secure System connection and enable the needed authentication method (e.g. local, LDAP). See Settings> System>HTTP Security in online help.	
	Debug Log. The setting is available, if you have Debug Log Settings permission. It allows you to configure the level of the System debug log file stored in the System installation directory. See Settings>System>Debug Log in online help.	
	Proxy. The setting is available, if you have <i>Proxy Settings permission</i> . It allows you to configure a proxy server for the System proxy and the features that use proxy settings (e.g. twitter notifications). See Settings>Network>Proxy in online.	
	NTLM Domains. The setting is available, if you have NTLM Domains Settings permission. It allows you to add an NTLM domain (NT LAN Manager) to enable domain user authentication in the System. See Settings>Network>NTLM Domains in online help.	
	Domain authentication uses your Windows system account in order to authorize users. No login page is displayed in this case.	
	Instances. The setting is available, if you have Instances Settings permission. It allows you to view a list of System instances, modify their settings, and delete them (e.g. when scaling back from multi- to single-instance environment). See Instance Management in online help.	
	LDAP. The setting is available, if you have LDAP Settings permission. It allows you to add an LDAP server to enable LDAP user authentication in the System. See Settings>Network>LDAP in online help.	
	User Role Management. The setting is available, if you have Role Management permission. It allows you to add and manage user roles in the System. See Settings>System>User Role Management in online help.	
	Firmware Management. The setting is available, if you have Firmware Management permission. It allows you to define the device firmware update time out, i.e. how much time the System waits for the firmware version to be updated, before the corresponding firmware management task is failed. See Firmware Time Out in Device Management>Firmware Management>Firmware Management Toolbox.	
	Solution Discovery. The setting is available, if you have Manage Solution discovery permission. It allows you to view other System servers existing in the network. These can be previous System versions, i.e. SyncThru 6 or SyncThru 5. See Settings>System>Solution Discovery in online help.	
	File Management. The setting is available, if you have File Repository Settings permission. It allows you to configure the maximum size of the repository (accessed via Main Menu>File) where plug-in, device application, cloning and other setup files are stored. You can also specify the maximum size allowed for a stored file. See Settings>System>File Management in online help.	
	License Settings. The setting is available, if you have License Settings permission. It allows you to configure settings for product/device licenses online activation and return. See Settings>System>License Settings in online help.	
	License Management. The setting is available, if you have License Settings permission. It allows you to activate/return product and device licences. See Settings>System>License Management in online help.	
	SMTP: The setting is available, if you have SMTP Settings permission. It allows you to configure SMTP server settings needed for email-associated features (e.g. emailing reports). See Settings>System>SMTP in online help.	
Log	Event Log . The setting is available, if you have <i>Event Log permission</i> . It allows you to view the System log messages and delete them. See Settings>Log Management> Event Log in online help.	

SETTINGS CATEGORY	DESCRIPTION
Notification	Twitter. The setting is available, if you have Twitter permission. It allows you to set up Twitter notifications to receive Twitter messages upon events that occur on networked devices (e.g. when a toner is low). See Settings>Notification>Twitter> Template List and Settings>Notification>Twitter> Template List in online help.
Common	Large Paper Settings. The setting is available, if you have Large Paper Settings permission. It allows you to configure which paper sizes are considered large and small for accounting purposes. These settings are useful for data collection and creation of Current and Historical reports. See Settings>Common>Large Paper Settings in online help.
	Data Management. The setting is available, if you have Data Management Settings permission. It allows you to configure how and when the System datadase is cleaned up (e.g. manually or automatically) to free up the disc space. See Settings>Common>Data Management in online help.
Device	Alert List. The setting is available, if you have Alert Severity Levels Settings permission. It allows you to configure severity levels for device alerts. Depending on a device alert severity level the System may change the device status (e.g. from normal to error). Device troubles statistics is also displayed according to their severity levels. See Settings>Device>Alert List and Reports>Instant Report>Troubles and SLA in online help.
	Blocked Devices. The setting is available, if you have Blocked Devices Settings permission. It allows you to view the devices that were blocked when deleted from the Device List. Such devices cannot be discovered, until deleted from the Blocked Devices list. See Settings>Device>Blocked Devices in online help.
	Connection. The setting is available, if you have Device Connection Settings permission. It allows you to configure default device connection settings. These include SNMP connection settings, embedded web server credentials (needed, in particular, for device firmware update, cloning, application installation), and account settings for USB-connected devices. See Settings>Device>Connection in online help.
	Device Data Collection. The setting is available, if you have Device Data Collection Settings permission. It allows you to add, delete, and arrange tasks for the System to collect the device data displayed, in particular, in the Device List and reports. You can select specific data to be collected. Device Management> Device Data Collection>Device Data Collection Schedule Settings in online help.
	Passive Device Discovery. The setting is available, if you have Device Discovery permission. It allows you to configure the System to discover device without user intervention. In this case the System does not propagate any network traffic unless a device announces itself. You can enable mDNS or SLP discovery. In the latter case only Samsung devices are discovered. See Settings>Device>Passive Device Discovery in online help.
	To enable passive device discovery ensure the mDNS(5353) and SLP(427) ports are open.
	• Tag Management. The setting is available, if you have Device Tags permission. It allows you to create, modify, and delete device tags. A tag is a label you can assign to a device to quickly spot it in the Device List. See Device Management> Tag Management in online help.
	Status Settings. The setting is available, if you have Device Status Settings permission. It allows you to define for how long to display the New status for a discovered device. You can also configure for how long the System waits, before moves a disconnected device to Suspicious Devices group. See Settings> Device>Device Status Settings in online help.
Tasks	Completed Tasks. The setting is available, if you have Completed Tasks permission. It allows you to view info about tasks performed by the System, including device discovery, data collection. See Viewing Completed Tasks in Settings>Tasks in online help.
	Scheduled Tasks. The setting is available, if you have Scheduled Tasks permission. It allows you to view info about tasks currently scheduled for the System. See Viewing Scheduled Tasks in Settings>Tasks in online help.

SETTINGS CATEGORY	DESCRIPTION
Supply	Threshold Template. The setting is available, if you have Supply Threshold Management permission. It allows you to create and manage templates of device supply levels. A template defines when the System considers a device supply to be nearly low, low, empty and displays alerts (e.g. empty, low toner) in the Device List or sends notifications. The template can be assigned to device models and individually. See Settings>Supply>Threshold Template in online help.
	Model Default Threshold Template. The setting is available, if you have Supply Threshold Management permission. It allows you to assign/unassign supply level templates to/from devices of certain models. See Settings>Supply>Model Default Threshold Template in online help.

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