

MyQ X Smart Quick Setup Guide 10.1



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1 Welcome

Welcome to the MyQ Smart Quick Setup Guide 10.1! This guide will tell you how easy it is to get your **SMART** license, add printers, and synchronize your users. After that, all your users will be able to print from every printer you have installed. It is that easy!

You will come across an array of features in the MyQ Web UI, however, be aware that not all of them will work with your free **SMART** license. This can be easily fixed by **upgrading to the ENTERPRISE license** at any time. If you are interested, please send an email to info@myq-solution.com.

The full functionality of MyQ is detailed in the MyQ Print Server guide.

To get your free **SMART** license, you have to self-register to our **Community Portal**: https://community.myq-solution.com. Just click **Login** and follow the procedure after clicking **Not a member?**. Once registered, you can get your license, but also get access to the **extra modules** (software clients) you are entitled to with the free **SMART** license:

- MyQ Desktop Client, which can be used for user identification, client spooling, failover printing, and more; or
- The MyQ Mobile Print Agent, which helps set up the server so your users can print using their mobile phone (with AirPrint for Apple iOS users and Mopria for Android users).

Allow us now to give you a short overview of the features that are **not available** under the free **SMART** version:

- Scanning is not available.
- Embedded terminals are not available, thus no terminal actions such as Print all, My Jobs, and ID and Card Registration among others.
- Quota, Credit, and Projects can only be viewed on the Web User Interface.
- No custom logo on the printers.
- Your free MyQ **SMART** license is valid for one year and can be renewed before expiration. It comes with limited software assurance support (updates, patches, community forum). For full MyQ Support, an upgrade to the **Enterprise** or **Ultimate** edition is required.
- The guide is also available in PDF, along with guides for older supported versions.

2 Installation

This chapter shows you how to install the MyQ print management system.

Microsoft .NET Core 6.0.5 must be installed on the system. It is downloaded and installed during the MyQ Print server installation. However, if you are installing MyQ Print server offline, Microsoft .NET Core 6.0.5 cannot be downloaded, and it has to be manually downloaded and installed.

Prior to the installation, it is recommended to install Microsoft .NET Framework (any version recommended by Microsoft) on your system, as some components may need it.



Before the installation on Windows Server 2012/2012 R2/2016/2019/2022 (or on Windows 8.1/10/11), make sure that all the latest Windows updates are downloaded and installed.

2.1 Installing MyQ®

- 1. Download the latest available version of MyQ from the MyQ Community portal.
- 2. Run the executable file. The Select Setup Language dialog box appears.
- 3. Select your language and click **OK**. The Select Destination Location dialog box appears.
- 4. Select the folder where you wish to install MyQ. The default path is: $C:\Pr$ and Files MyQ.
- 5. Click **Install**. MyQ is installed on the server.
- 6. Click Finish. Depending on the OS settings on the server, you might be asked to restart the computer. If you are asked to restart the computer, you need to do so in order to finish the installation. After the restart, the MyQ Easy Config application opens and the MyQ database is upgraded. If not, you can select to directly run the MyQ Easy Config application by keeping the Finish installation in MyQ Easy Config option selected.

3 Accessing the MyQ web UI

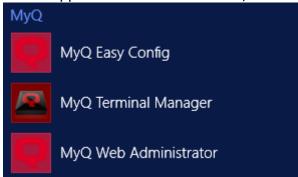
To access the MyQ web administrator interface, you need to open it in your web browser and log in as an administrator:

There are three ways to open the MyQ web administrator interface:

1. Open your web browser, and then enter the web address in the form: https://*MyQserver*:8090, where MyQserver represents the IP address or the host name of your MyQ server and 8090 is the default port for access to the server.

https://10.14.5.816:8090

- 2. Log on to the interface from the MyQ Easy Config **Home** tab, by clicking on the **MyQ Web Administrator** link in the **MyQ Web Administrator** section.
- 3. Open the **MyQ Web Administrator** application. You can find this application on the Apps screen in Windows 8.1+, Windows Server 2012 and newer.



3.1 Logging in as an administrator

Enter the Server administrator name (*admin) and the password that you have set in the MyQ Easy Config application, and then click **Log in**. If you have not changed the default password yet (not recommended), enter the default one: 1234.

In the drop-down at the top of the login window, you can select your preferred language.



Before logging in, you can click **Theme** to choose the theme for the interface. The options are: *Synchronize with the operating system, Blue, Red* (default), *Dark, High Contrast*.

Click **Lost PIN** and you are taken to a window where you can either enter your email in order to receive a PIN reset code or if you already have the code, you can type it and reset your PIN.



4 Initial Setup

In this chapter you will:

- Add your license(s).
- Create an administrator email account.
- Set the outgoing SMTP server.

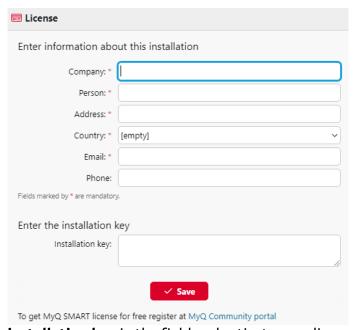
4.1 The first setup steps

On the **Quick Setup Guide** widget, you can set the basic and most important features of the MyQ system:

License

Adding and activating licenses

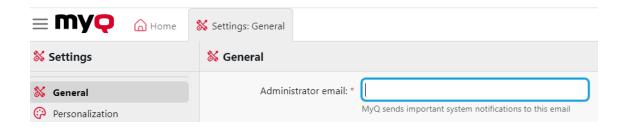
Click **Enter License**. The **License** settings tab opens. You are asked to enter the following information about your installation:



Then, **Enter the installation key** in the field and activate your licenses.

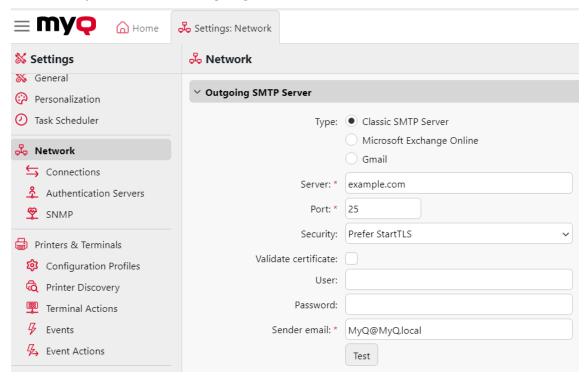
Administrator email

By clicking **Enter the administrator's email**, you open the **General** settings tab, where you can set the administrator email. Important system messages (disk space checker warnings, license expiration etc.) are automatically sent to this email.



Outgoing SMTP server

By clicking **Configure the outgoing SMTP server**, you open the **Network** settings tab, where you can set the outgoing SMTP server.



5 License

You can request your MyQ SMART license after you register in the MyQ Community portal.

5.1 Registering in MyQ Community

- 1. Go to the MyQ Community portal and click **Log in** at the top right corner.
- 2. If you are already registered, enter your credentials and click **Log in**. If not, click **Not a member?**.



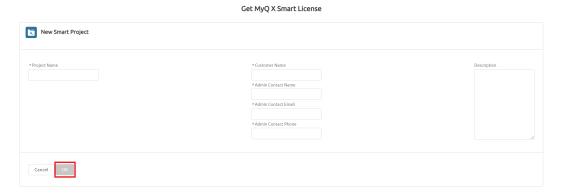
- 3. Fill in the requested information and click **Sign up**, and then **Verify** your identity.
- 4. You receive a welcome email from MyQ, and are now logged in.

5.2 Getting a MyQ X Smart license

1. Once you are self-registered and logged in the MyQ Community portal, click on MyQ X Smart on the main ribbon, and select Get MyQ X Smart License.



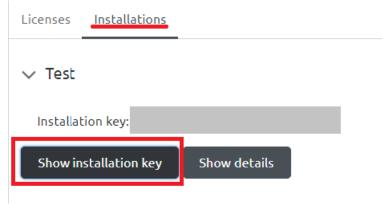
2. In the next window, fill in the mandatory information (marked with an asterisk *) and click **OK**.



3. Your new Smart Project is created. At the top, you can see your project's name, license type, and expiration date. In the **Project** tab, you can see a banner informing you that you can prolong your Smart license one month before the expiration. You can do that in the **Subscription** section. In the **Licenses** subtab, you see you current license information.



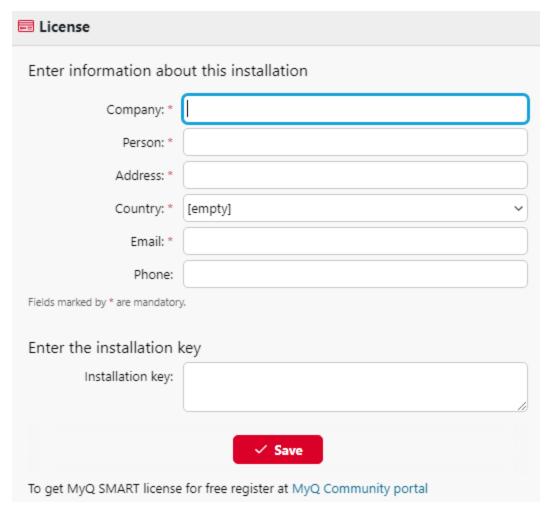
4. To get your **installation key**, click on the **Installations** sub-tab. Click the **Show installation key** button, and your **installation key** is displayed.



5. Copy your installation key.

5.3 Adding the installation key to MyQ

- 1. Go to the MyQ web administrator interface.
- 2. In the **Quick Setup Guide**, under License, click **Enter License** (or go to **MyQ**, **Settings**, **License**).
- 3. In the **License** settings tab, fill in the mandatory customer information, and in the **Insert the Installation Key** field, paste the **installation key** you copied from the MyQ Community portal and click **Save**.



- 4. In the pop-up window, click **Activate** to activate your Smart license. A network connection is required.
- 5. Your Smart license is added, activated, and bound to your server. You can see an overview at the top of the **License** settings tab.

6 Printers

In this example of creating a printer discovery we show you how to do this in a full automatic way. Discovery, embedding, and activating all form part of this process.

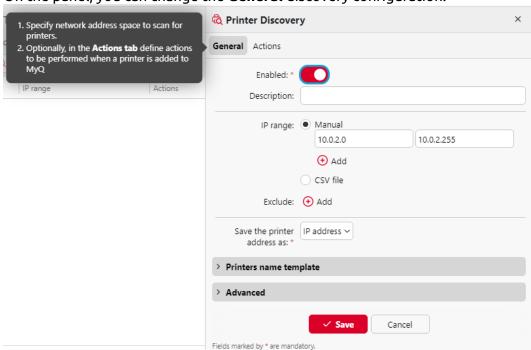
6.1 Discovering printing devices

On the **Printer Discovery** pane, you can create and run printer discoveries to search for all network printing devices within a defined IP range of your company's network.

1. Click **Add Discovery**. The new printer discovery properties panel opens.



2. On the panel, you can change the **General** discovery configuration:



- 3. Set Enabled to ON.
- 4. Add a meaningful **Description**, so you can create more printer discoveries with different IP ranges.
- 5. Change, if needed, the **IP range** or add more IP ranges by clicking **+Add**.
- 6. Click **Save**.
- 7. Click the **Actions** tab. The Actions pane opens. Click **New action**.
- 8. Leave the **Filter** section unchanged.
- 9. In the **First run actions** section:
 - a. Click **Activate**, so all the discovered printers are automatically activated.
 - b. Click **Create direct queue**. Now every single printer will be added to its own queue. In this way, your users can print from any printer.

10. Leave the **Every run actions** section unchanged and click **Save**.

The new printer discovery appears on the list on the **Printer Discovery** settings tab, with the number of actions you have created for it.

6.2 Run a discovery and add all printing devices

- 1. On the **Printer Discovery** settings tab, select the printer discovery that you want to use.
- 2. Click **Run**. The Discovering tab with a list of discovered printing devices opens.
- 3. Click **Add to MyQ**, and then click **Add all** in the drop-down. You can see the added printing devices on the Printers main tab.
- 4. Click the arrow next to the MyQ icon and select **Queues**. You will see that for every printer, a direct queue has been created.

By clicking **Add printers manually**, you open the **Printers** main tab, where you can add printing devices. This option is not covered in this guide. You can find more information in the *MyQ Print Server* guide.

7 User Synchronization

You can add your users one by one, or import user data into MyQ from different sources.

- By clicking **Add users manually**, you open the **Users** main tab, where you can manually add users. This action is described in the *MyQ Print Server* guide.
- By clicking Import users, you open the Users Synchronization settings tab, where you can import users from the MyQ Central server, from LDAP servers or from a CSV file. In this manual we will describe the import via an LDAP server with an Active Directory. For the other methods, see the MyQ Print Server guide.

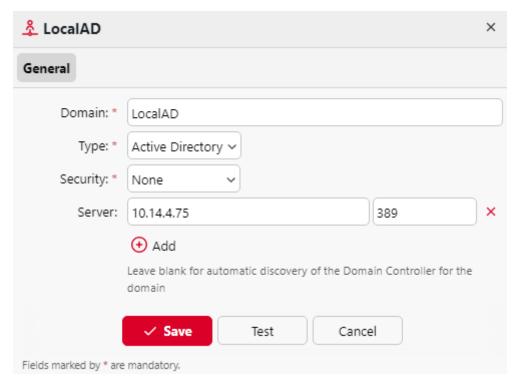
7.1 Creating the synchronization

Click **Import Users** on the **Quick Setup Guide** widget on the MyQ web administrator interface dashboard. The User Synchronization settings window opens.

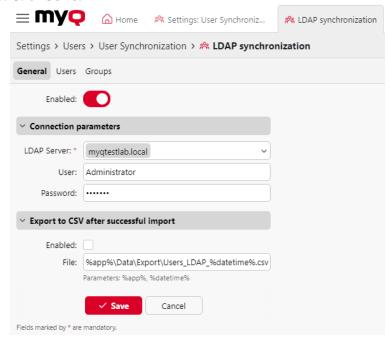
Click **+Add sync source** on the main ribbon, and select **Add LDAP source**. The LDAP synchronization window opens.

On the **General** tab, make sure LDAP synchronization is **Enabled**, and fill in the following:

- 1. In the **LDAP Server** field, click on the arrow and select **+Add new** from the drop-down.
- 2. Fill in the required information:
 - a. Domain: add the LDAP domain.
 - b. **Type**: Select *Active Directory* from the drop-down.
 - c. **Security**: Select *SSL* from the drop-down.
 - d. **Server**: Click **+Add** to manually add your server's IP address and port, or leave it empty for automatic discovery.
- 3. Click **Test** to make sure the connection is working, and then click **Save**.



- 4. Your new domain should now occupy the **LDAP Server** field. Add the **User** and **Password** needed for authentication on your LDAP server.
- 5. You can enable the **Export to CSV after successful import** option and MyQ creates a CSV file with the imported users after the synchronization. You can then browse to select the folder where you want the CSV File to be saved in.
- 6. Click Save.

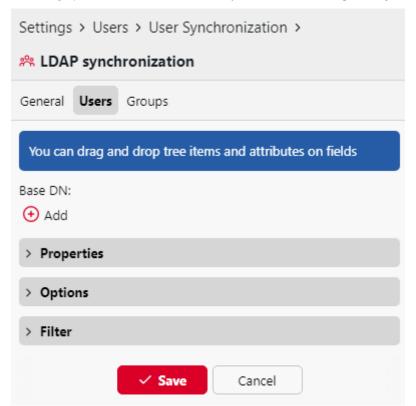


=

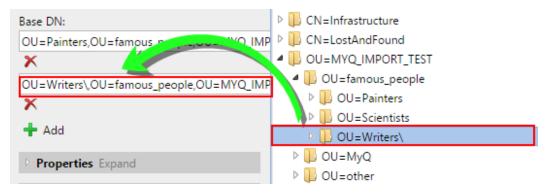
In the **User** setting, a sub-domain user account with enough rights can also be used for authentication, but the sub-domain has to be specified in the username.

For example, the user *Administrator* connects to the *testAD.local* LDAP server, but their account is in the *cz.testAD.local* sub-domain. For successful authentication, the filled in username should be: *Administrator@cz.testAD.local*

On the **Users** tab, pick one or more **Base DNs** (distinguished names) from which you import the users. In addition, you can assign user attributes from the LDAP server to user properties in MyQ and select additional options concerning the synchronization.



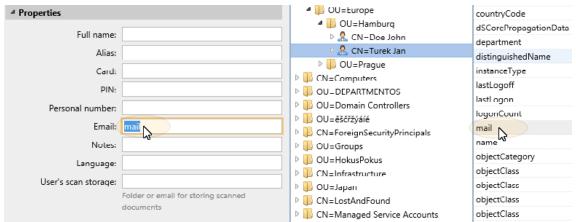
• Base DN: Here you can pick the base domain or domains from which you import users. Click +Add to add a text box for the new base DN, and then drag a group from the database browser and drop it in the text box. You can add multiple domains this way.



- Properties: These are the properties of every individual user. MyQ will
 automatically find and assign the user's SAM account name to user name, cn
 to full name and mail to Email (this applies to Active directory and OpenLDAP
 only). The user name property is the only one that cannot be changed. To
 assign an attribute to a property, write the name of the attribute in the
 property text box or drag it from the attributes of any individual user and drop
 it in the text box. The following properties support adding multiple values to
 them, separated by a semicolon (;):
 - Alias
 - o PIN
 - Card

For example, in the **Alias** property, you could add *alias1;alias2;alias3*.

The AD attribute name should not contain the semicolon (;) character. If a semicolon is part of the attribute's name, that attribute will not be synchronized in MyQ.



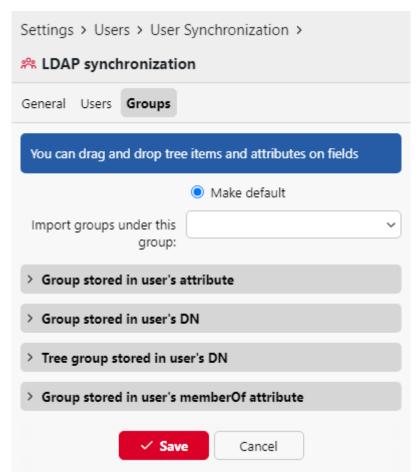
For assigning default languages to users, you have to use an attribute from the LDAP server that has the language abbreviations as its values. For example, you can create and use an attribute called **lang** with the values *en* for English, *hr* for Croatian, etc. The list of the abbreviations used in MyQ can be found here.

Options: For a description of the common synchronization options, see User information and settings. In addition to the basic options that are common for both the synchronization from LDAP servers and for synchronization from CSV files, there is one specific option that belongs only to the import from LDAP servers: append the domain name to the username (username@domain.local). This option enables you to save the information about the LDAP server in the

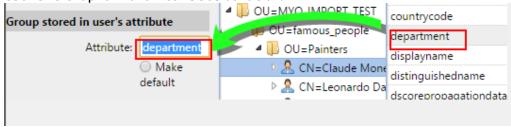
- user name. For more information about this option, contact your MyQ support.
- **Filter**: You can filter the users import by specifying the values of attributes. Add the conditions in the form: **Attribute=Value**. Users with a different value on this attribute are not accepted and are filtered out of the import. For attributes where the values are strings, such as the **cn** attribute, you can use the * symbol to search for substrings. The symbol can be appended from both sides. For example, if you add a cn=*in* condition, only users whose common name attribute contains "in" are accepted. Add one condition per raw. Users are accepted if they satisfy at least one condition.

△ Filter
givenname=Charles cn=*van*
Attribute=Value Attribute=Value
Updating users 1: Charles Dickens added (Dickens synch/test_writers) 2: Rembrandt van Rijn added (Rembrandt synch/test_painters) 3: Vincent Van Gogh added (VanGogh synch/test_painters) 0.063sec.
0.002 sec.

On the **Groups** tab, you can import groups and the group structure from the LDAP source. There are four different ways of specifying which groups are imported. You can use multiple different methods together and by each method, you can create different groups of users. You can also select to import the groups under an existing group in MyQ.



- **Do not change default group**: A user can be a member of multiple groups but all their prints, copies and scans are accounted to only one group: the default (accounting) group of the user. If you select this option, the default group of the selected user does not change during the synchronization.
- **Import groups under this group**: You can select an existing group in MyQ under which you import the groups from the LDAP database.
- Groups stored in user's attribute:
 - Attribute: You can select this option if you want to use an attribute that
 defines groups in the LDAP database. To add it, type the name of the
 attribute in the property text box or drag the attribute from any individual
 user and drop it in the Attribute text box.



You can also create groups by combining multiple attributes. To create such groups, put each of the attributes between two percentage signs (%). For example, the combination of attributes <code>%attribute1%_%attribute2%</code>, imports a new group named <code>value1_value2</code>.

△ Group stored in user's attribute				
Attribute:	%department%_%givenname%			
	Make default			
SYNC GROUPS *********				
Number of groups to import: 7 Paining property: path Painters_Claude: created Painters_Leonardo: created				

Furthermore, you can create tree structures of groups by separating the attributes with vertical bars. For example, the combination of attributes %attribute1%/%attribute2%, imports a group value1, and its sub-group value 2.

- **Make default**: If you select this option, the group becomes the default group of the imported user.
- Group stored in user's DN:
 - OU component index: Here you can select a group by its OU (organizational unit) index among the DN components. The index is counted from right to left: the first OU group from the right has index 1, the second from the right has index 2 and so on.

```
CN=Claude Monet OU=Painters, OU=famous_people, OU=MYQ_IMPORT_TEST, DC=testAD, DC=local
```

On the image above, there are three OU groups: MYQ_IMPORT_TEST has index 1 (as it is the first OU group from the right), famous_people has index 2 and Painters has index 3. The other components are not OU and therefore have no index.

- **Make default**: If you select this option, the group becomes the default group of the imported user.
- Tree group stored in user's DN: Here you can import the whole tree structure of groups. You can restrict the import to any part of the structure by striping the DN components from the left and from the right. In the respective text boxes, enter the amount of components to be striped from the left and from the right side. You have to strip at least one component from the left (the user CN component) and one component from the right (the right-most DC component).

```
CN=Claude Monet,OU=Painters,OU=famous_people,OU=MYQ_IMPORT_TEST,DC=testAD,DC=local
```

On the image above, there are six components. If you strip one component from the left

and one from the right, you import the following structure of groups: *testAD* > *MYQ_IMPORT_TEST* > *famous_people* > *Painters*. By stripping components from the left, you remove the groups from the bottom to the top of the structure. By stripping components from the right, you remove the groups from the top to the bottom of the structure.

- Make default: If you select this option, the bottom group of the imported structure becomes the default group of the imported user.
- Group stored in user's memberOf attribute:
 - Group base DN: MyQ can import security and distribution groups stored in the user's memberOf attribute. The security groups are used to define access permissions granted to their members. Distribution groups can be used for sending emails to a group of users. To specify which groups should

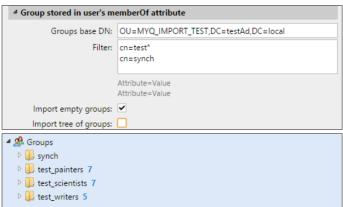
be taken into consideration during the import, you have to insert the groups base DN. MyQ imports only groups that are included in the base DN; other groups stored in the **memberOf** attribute are ignored. The group base DN does not have to be in the same organizational unit as the users base domain. If a user is member of more than one group on the LDAP server, all the groups are stored in the **memberOf** attribute. Therefore, the **Make default** option, which requires a single value, is not available for this method of import.

To add the groups base DN, drag it from the database browser and drop it in the **Group base DN** text box.

• Filter: You can filter this import by specifying the values of attributes. Add the conditions in the form: Attribute=Value. Groups with a different value on this attribute are not accepted and are filtered out of the import. You can use the * symbol to search for substrings. The symbol can be appended from both sides. For example, if you add a cn=*in* condition, only users whose common name attribute contains "in" are accepted. You can add one condition per raw. Groups are accepted if they satisfy at least one condition.

4 Group stored in user's memberOf attribute			
- Group stored in user's member of attribute			
Groups base DN:	DC=testAd,DC=local		
Filter:	cn=test*		
	Attribute=Value Attribute=Value		
SYNC GROUPS ************** Number of groups to import: 3 Pairing property: path test_writers: updated via PATH match test_painters: updated via PATH match test_scientists: updated via PATH match 0.014sec.			

- Import empty groups: If you select this option, groups from the Group base DN are imported even if there is no user having them in their memberOf attribute.
- Import tree of groups: If you select this option, the whole tree structure is imported. Otherwise all groups are added separately; not as a part of a tree structure.



8 MyQ X Mobile Client Application

The MyQ X Mobile Client application is a multifunctional tool for simple task management within the MyQ solution printing environment. It assists you anytime and anywhere you need to print or manage your print jobs, and provides you with simple access to a variety of MyQ features.

8.1 Basic Information

Requirements:

The MyQ mobile application can be used only with MyQ Print Server version 8.2+, and Android 5.0+ or iOS 10+.

Please note that an **Enterprise** license is required to use embedded terminals.

You need an **Enterprise** license for the below supported terminals. (All the embedded terminals that can work with MyQ Print Server 8.2+ are supported).

- Kyocera, Samsung, Toshiba, Ricoh SmartDK, OKI sxp2, OKI, Sharp, HP Enterprise.
- Terminals without a QR code are also supported: Ricoh SDKJ, Xerox, HP Pro.
 For these terminals, the QR code can be generated on the server, and then be used with the printer.

Supported operations:

With the MyQ mobile application, you can perform the following operations:

- Print PDF files, Office documents, and photos directly from your device.
- Securely release your print jobs.
- Unlock a printing device via scanning a QR code (**Enterprise** license required as devices are not locked without embedded terminals).
- Manage print jobs, re-print already printed jobs, select projects.
- Recharge MyQ credit.
- Register and setup a MyQ server via scanning a QR code.

Supported formats:

- pdf, bmp, png, tif, tiff, txt, jfif, jpe, jpeg, jpg, mime, myqurl.
- For the following formats you need to have installed LibreOffice or Microsoft Office on the server: odp, ods, odt, doc, docx, ppsx, ppt, pptx, xls, xlsx.

8.2 Installation

The MyQ X Mobile Client application can be installed directly from Google Play (Android version), or App Store (iOS version). It is free and does not require any licenses.

You can also check the MyQ X Mobile Client App guide, for further details.

9 Appendix of Functionalities Visible in the Web Admin UI

The functionalities listed below are visible on the MyQ web administrator interface, but not all of them can be used with a free **SMART** license.

If you are interested in more details, check the linked manuals or contact MyQ at info@myq-solution.com.

Functionality	Available in MyQ Smart	Available in MyQ Enterprise	Available in MyQ Ultimate	Related Links
Personalizatio n	Only on the Web UI	Yes	Yes	https:// docs.myq- solution.com/ print-server/
Task Scheduler	Yes	Yes	Yes	https:// docs.myq- solution.com/ print-server/
Network / Authenticatio n servers / SNMP	Yes	Yes	Yes	https:// docs.myq- solution.com/ print-server/
Printers	Yes	Yes	Yes	https:// docs.myq- solution.com/ print-server/
Configuration Profiles	Yes	Yes	Yes	https:// docs.myq- solution.com/ print-server/
Printer Discovery	Yes	Yes	Yes	https:// docs.myq- solution.com/ print-server/

Functionality	Available in MyQ Smart	Available in MyQ Enterprise	Available in MyQ Ultimate	Related Links
Terminal Actions	No	Yes	Yes	https:// docs.myq- solution.com/ print-server/
Users	Yes	Yes	Yes	https:// docs.myq- solution.com/ print-server/
Policies	Yes	Yes	Yes	https:// docs.myq- solution.com/ print-server/
User Synchronizati on	Yes	Yes	Yes	https:// docs.myq- solution.com/ print-server/
Credit	Only on the Web UI	Yes	Yes	https:// docs.myq- solution.com/ print-server/
Quota	Only on the Web UI	Yes	Yes	https:// docs.myq- solution.com/ print-server/
Rights	Yes	Yes	Yes	https:// docs.myq- solution.com/ print-server/
Jobs	Yes	Yes	Yes	https:// docs.myq- solution.com/ print-server/

Functionality	Available in MyQ Smart	Available in MyQ Enterprise	Available in MyQ Ultimate	Related Links
Scanning & OCR	No	Yes	Yes	https:// docs.myq- solution.com/ print-server/
Projects	Only on the Web UI	Yes	Yes	https:// docs.myq- solution.com/ print-server/
Price lists	Yes	Yes	Yes	https:// docs.myq- solution.com/ print-server/
Code Books	No	Yes	Yes	https:// docs.myq- solution.com/ print-server/
Reports	Yes	Yes	Yes	https:// docs.myq- solution.com/ print-server/
Mobile Application	Yes	Yes	Yes	https:// docs.myq- solution.com/ print-server/
External Systems	No	Yes	Yes	https:// docs.myq- solution.com/ print-server/
Log & Audit	Yes	Yes	Yes	https:// docs.myq- solution.com/ print-server/

Functionality	Available in MyQ Smart	Available in MyQ Enterprise	Available in MyQ Ultimate	Related Links
System Management	Yes	Yes	Yes	https:// docs.myq- solution.com/ print-server/
ScannerVision	No	No	Yes	Upon request

10 Business Contacts

MyQ® Manufacturer	MyQ® spol. s r.o. Harfa Business Center, Ceskomoravska 2532/19b, 190 00 Prague 9, Czech Republic ID no. 615 06 133 MyQ® spol. s r.o. is registered in the Commercial Register at the Municipal Court in Prague, file no. C 29842 (hereinafter as "MyQ®")
Business information	http://www.myq-solution.com info@myq-solution.com
Technical support	support@myq-solution.com
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