



MyQ[®] Popcorn – Product Brochure

REVISION 19



MyQ Server 5.2

MyQ Kyocera Embedded Terminal 5.2

MyQ Ricoh Embedded Terminal 5.0

MyQ Xerox Embedded Terminal 5.2

MyQ Sharp Embedded Terminal 5.2

June 2015

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1. MyQ Functionality Overview

1.1. MyQ System Introduction

1.1.1. Complete solution for printing services

The main objective of the MyQ system is to offer universal tool providing all services related to print, copy and scan in one package. Flexibility of MyQ system allows the customer to use only functions he/she currently needs and expend it easily any time in the future if required.

1.1.2. Easy installation and management

Integration of all monitoring and printing functions into a single unified system results in an easy and intuitive operation with minimal requirements for installation and system administration.

1.1.3. High compatibility

To fulfill the real market requirements, MyQ assures the most possible level of compatibility in all three related topics – IT environment, device equipment and ID technology.

- Support of Citrix or MS Terminal Server environments
- Support for MS Cluster (also possible to use the built-in MyQ Easy Cluster)
- Printing from Windows, Linux and MAC OS plus support of AS400 or SAP
- More than 1800 supported print/copy devices from more than 25 vendors
- Over 60 id card technologies for user identification supported in standard, easy customization enables to connect almost every reader available on the market

1.2. MyQ Basic objectives step by step

1.2.1. Complete monitoring of printing services

Having correct information about usage of print services is an implicit condition for monitoring and optimization. MyQ provides a unique combination of several methods of communication with print/copy devices and print spooler monitoring. This combination provides very sophisticated system of acquiring precise counter status and generating transparent reports.

1.2.2. Print environment optimization

After all the data about current print environment are known, the optimization is started. MyQ can indicate the devices not being used effectively, users printing more than expected as well as the printing costs of every user or department. MyQ can also monitor the service alerts from all the devices and detect the unreliable devices with high demand for service and support. Based on this information, a complete restructuring of printing environment (including replacing old devices by new, more effective models), or just a simple rearrangement of existing devices can follow.

1.2.3. Security issues and user login

Based on the previous optimization, ineffective local personal printers can be replaced by a central corridor device shared by several users from different offices. This increases importance of security issues: an unauthorized person may get access to documents printed by another user on shared corridor device. MyQ can very simply avoid this situation by equipping every shared network device with MyQ hardware terminal enabling user login. The print jobs are then stored on the server and printed only if the user is correctly identified by PIN, ID card or ID tag.

MyQ allows connecting almost every identification technology available on the market. From simple PIN identification followed by chip card and magstripe card readers to wide portfolio of contactless readers. Selected print devices can be equipped by special MyQ Embedded terminal providing many advanced functions and very comfortable user interface.

1.2.4. Print, copy and scan accounting

Next step of optimization is reducing the number of printed and copied pages. Very effective is to monitor the number of pages printed and copied by every user, including monitoring of the locally connected personal printers. Even better control is possible by setting the quotas for each user and department, or running project accounting for monitoring print costs of particular projects.

Institutions providing commercial print services to the public will definitely appreciate the possibility of credit accounting, when print functions are available only to users with prepaid credit. This method is very often used at schools or libraries.

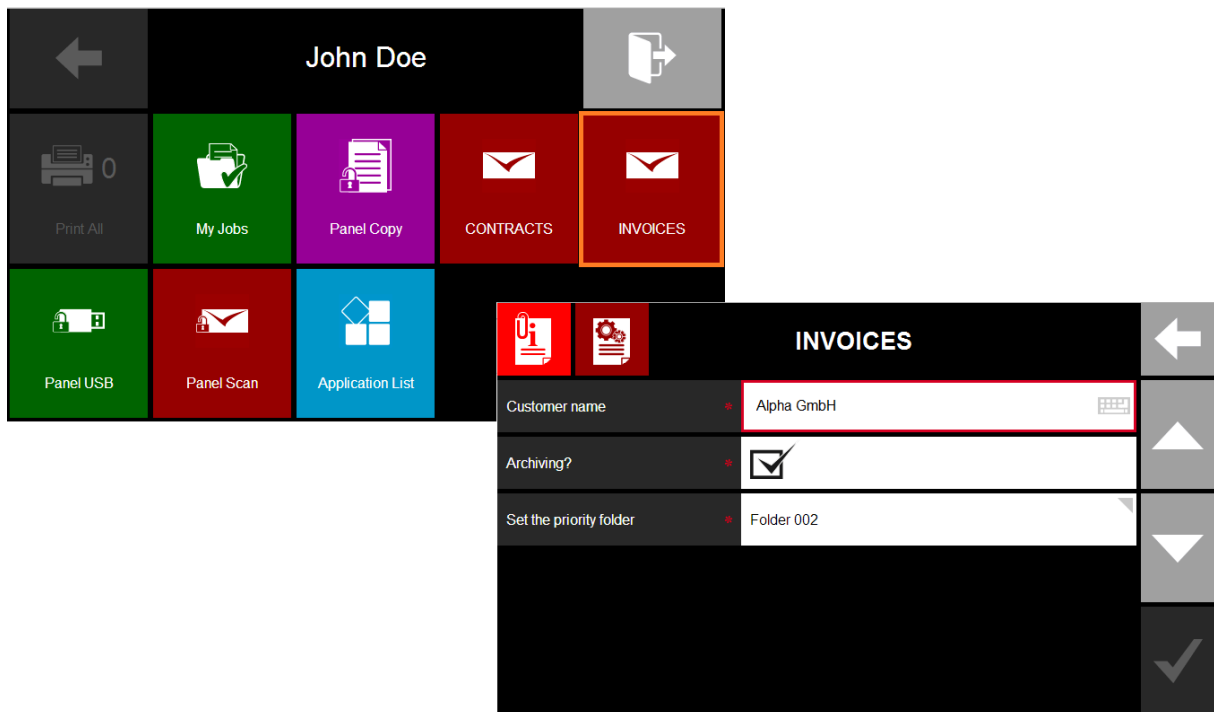
1.2.5. Job management / follow me functionality / Scan management

The user identification on the print and copy devices brings to the users not only control and restriction, but mainly the lot of possibilities for managing print and scan jobs. After the user has logged on the device, he/she can search through all his/her print jobs stored on the server and print them, delete them, reprint them or mark them as favorite.

The print jobs are not fixed to one device, but are accessible from all the connected devices depending on user rights. It means that any job sent to print can be printed on any device in the network based on where the user logs on (follow me functionality). The result is savings of time of all the employees and increased efficiency of their work.

User identification on the multifunctional devices can also simplify the network scan process, by pressing just one button the scanned document is sent to the email or shared folder of logged user.

MyQ offers you the unique feature of scanning profiles. The administrator may just simply define large scale of usable buttons with different functions allowing him to significantly simplify the workflow of documents making the work of the basic user more efficient and less time-consuming.



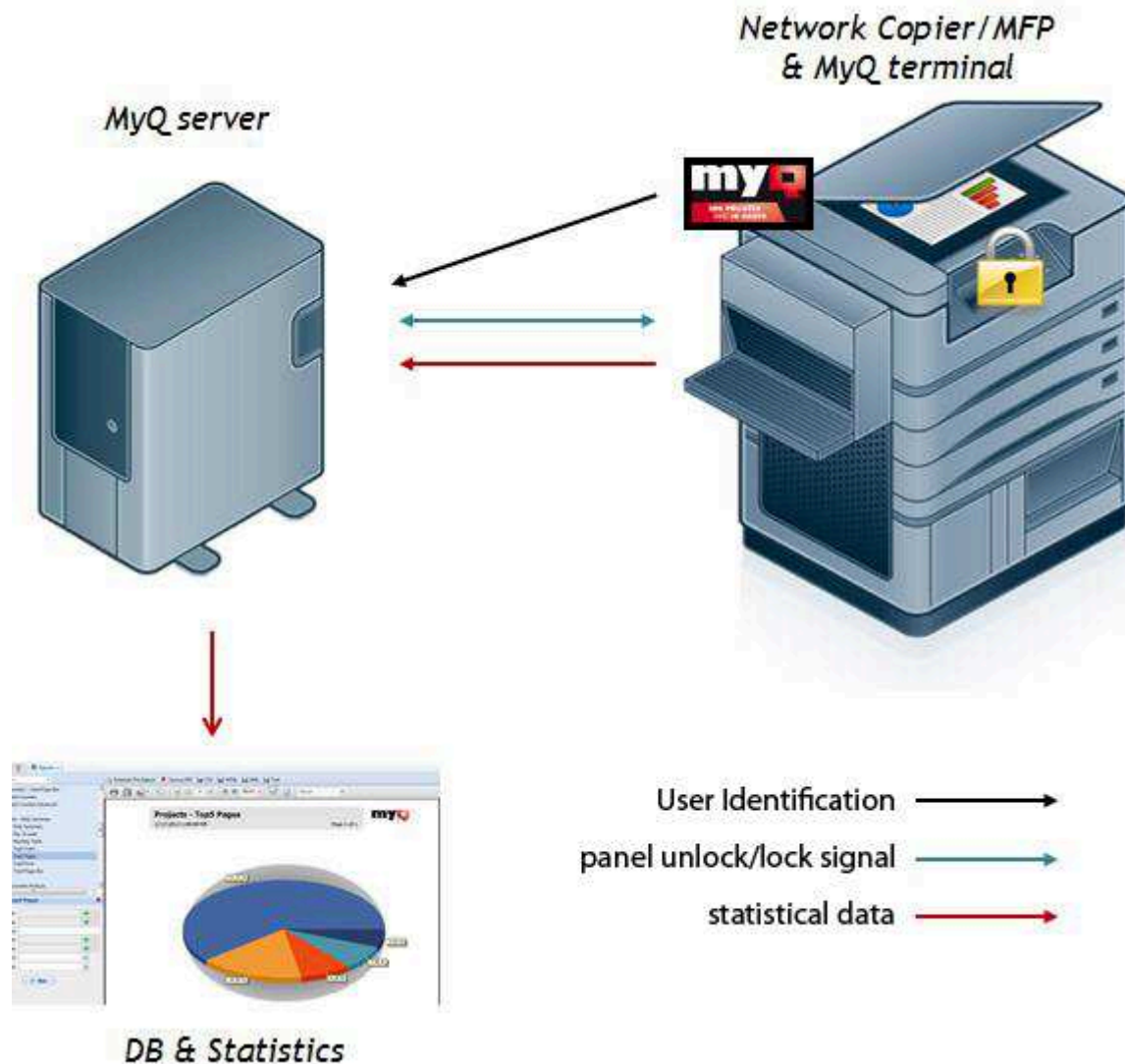
Picture 1-1

2. MyQ Functions description

2.1. Main functions

2.1.1. Secured copying

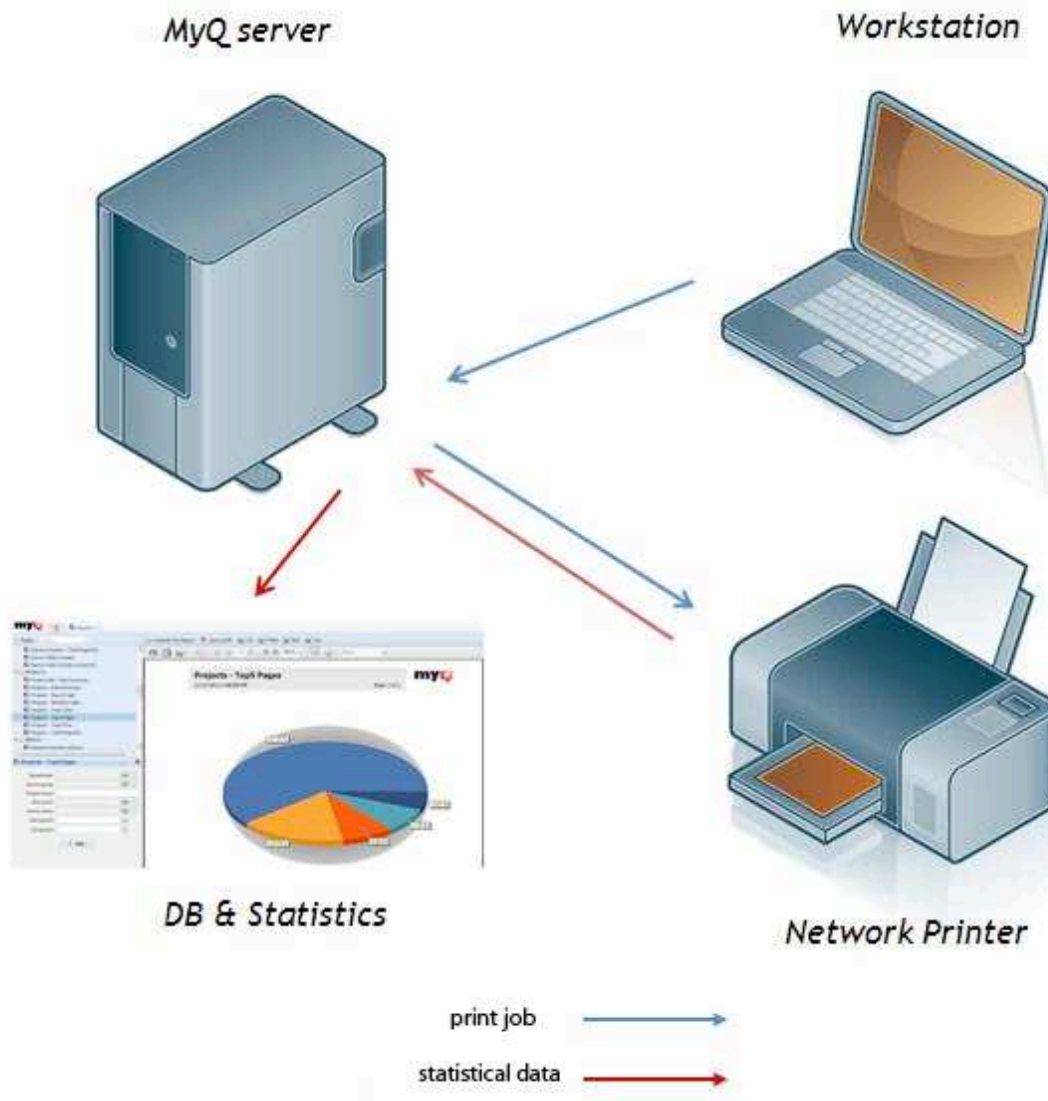
Dashboard of the copy machine is locked in the default status. After login through a valid identification item the panel is unlocked and the copy function is enabled. When the user completes the copying process he/she logs out by entering the identification item. The number of copied pages is counted in the system. If the user forgets to log out, the system will log him out automatically after a certain time of copy machine's inactivity.



Picture 2-1

2.1.2. Direct printing

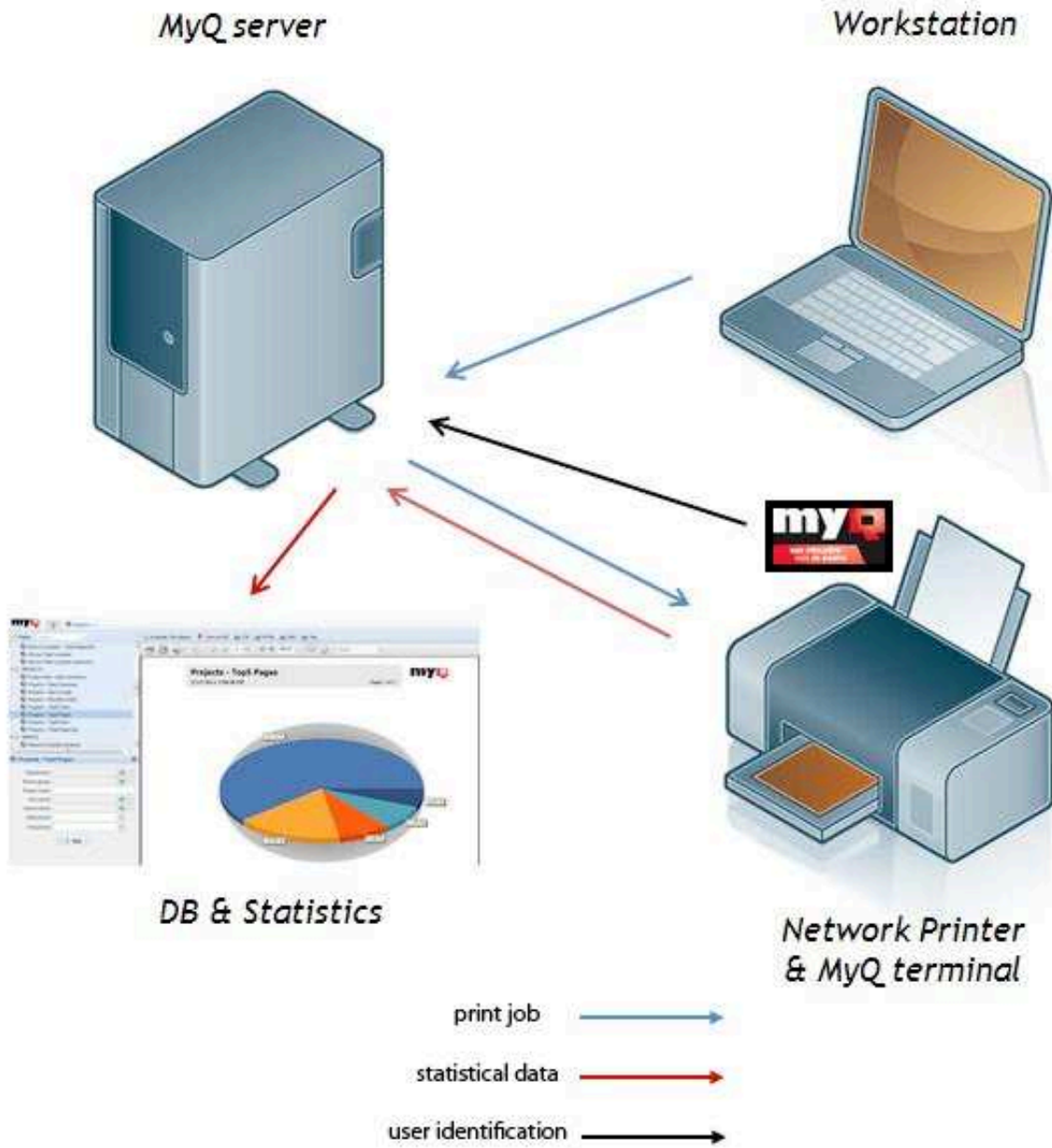
User sends a job to print. The job is processed by the system and is immediately sent to an appropriate printer. After the print job is done the number of printed pages is added on the user's account. Direct printing serves only for the control of print volume and does not enable any other advanced functions as secure printing and postponed printing. With the direct printing function no terminal is needed for user's identification.



Picture 2-2

2.1.3. Secured printing

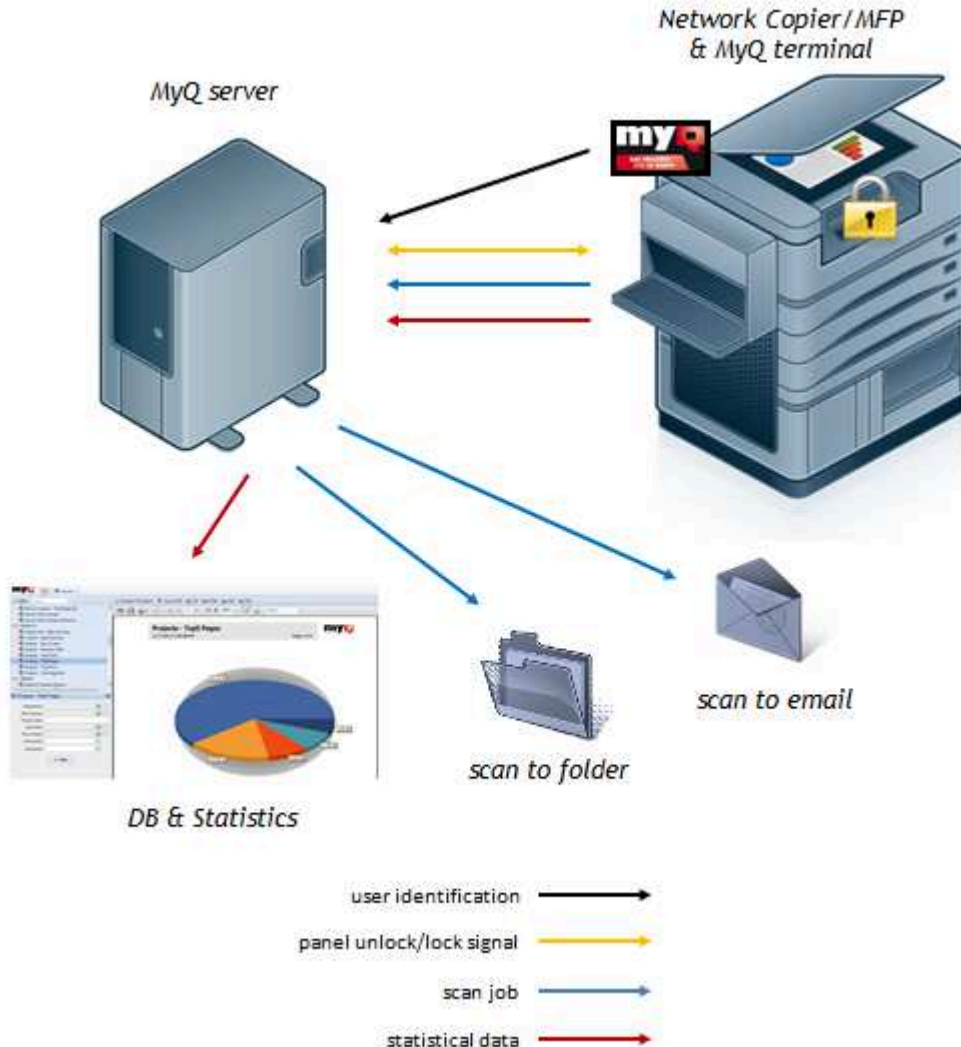
User sends a job to print. The job is processed by the system and is stored on the server. After the user logs in on one of the printing devices the job is sent to this printer device. Secured printing function enables to print on any associated printer regardless of the place from where the job was printed (so called *follow me* function).



Picture 2-3

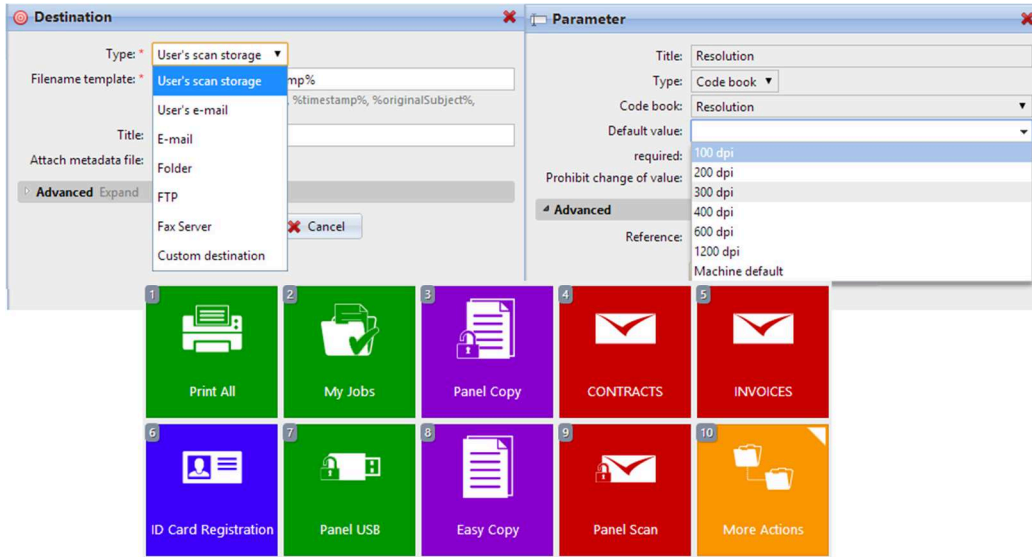
2.1.4. Scan management and Scanning profiles

This function considerably simplifies a network scanning on multifunctional print devices. After login by the ID card all the scanned jobs are automatically sent to a shared folder, or to an email of currently logged user. The user does not need to set any destination folder or to select an email address. If you own the OCR software (Optical Character Recognition), MyQ now supports implementation of this software into the scan management process. After setting up the communication between MyQ and the OCR software may user receive his/her scanned data in the editable format.



Picture 2-4

MyQ scan management also provides you the completely unique feature of scanning profiles. Thanks to this feature you may define complete look and functions of your embedded terminal. Many buttons with different function, destinations and predefined parameters thanks to which the user does not have to change anything, just click on the button with pre-set parameters and start scanning process. The system will automatically store the file according to the settings. Thanks to special metadata files that can be automatically generated with the scanned file you may connect the system to the document workflow software in your office.



Picture 2-5

2.1.5. Driverless and Email printing

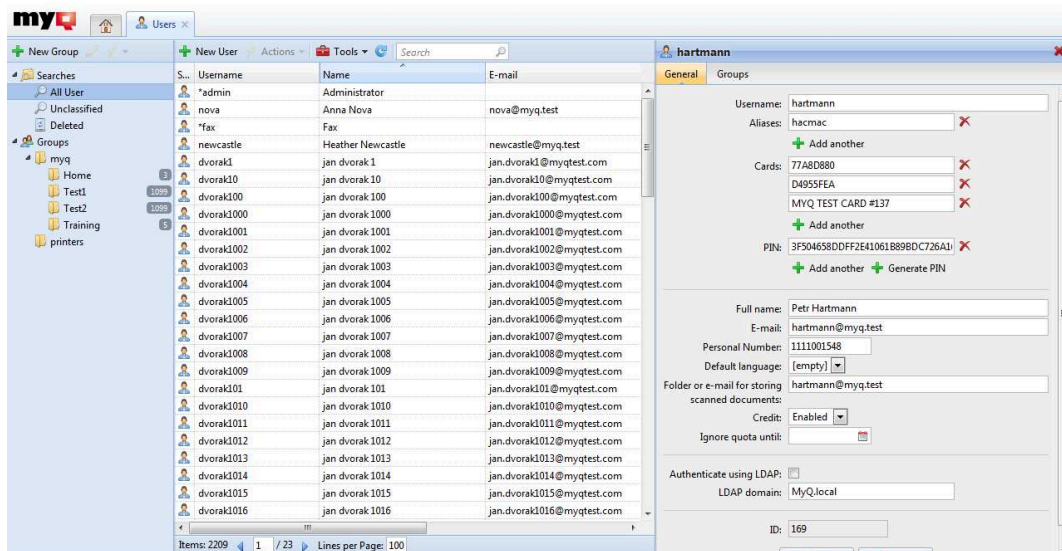
MyQ allows printing PDF, Word, Excel, PowerPoint documents, JPEG pictures and TXT files directly via sending email to MyQ server and also from user MyQ web interface without installing any print driver or other application. The email body can be included and also printed with the file. This feature gives MyQ users great flexibility of printing documents from any PC in the network, retaining the high level of security and advantage of follow me printing.

2.2. User administration

2.2.1. User import

MyQ enables an automatic import of users from MS Active Directory, Novell eDirectory, Open LDAP, Lotus Domino or CSV file. High variability of user import settings ensures a correct loading of all necessary data and enables also to combine import from AD and CSV when, for example, card numbers are not stored in AD and it is therefore necessary to load them from a different database.

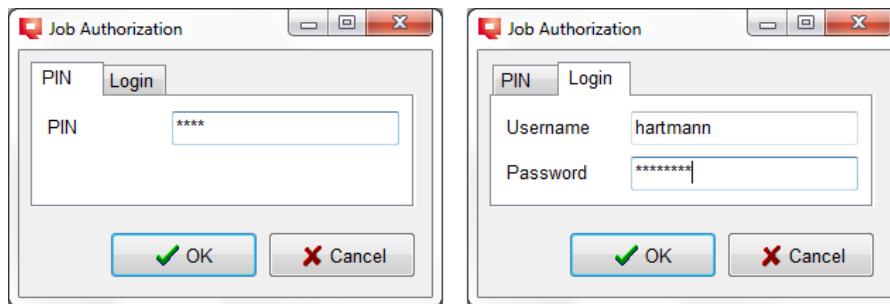
During user import, random PIN numbers can be automatically generated to every user and send to user's email. User can change his/her PIN any time from MyQ web interface.



Picture 2-6

2.2.2. User identification

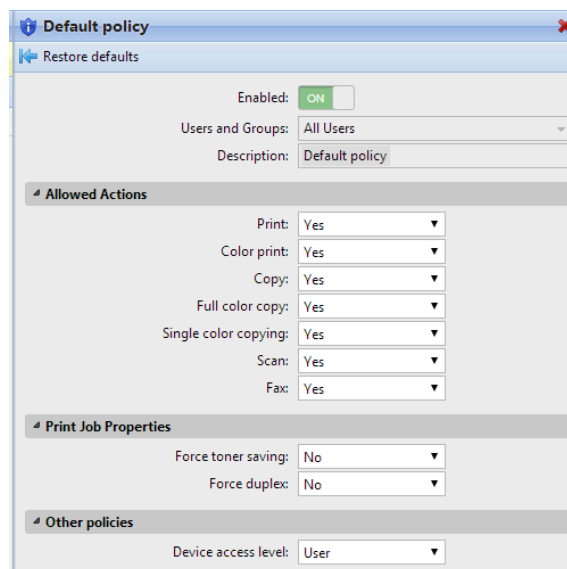
As default user is automatically identified from the OS login name. For special cases, when more users are sharing same PC, or for printing from computer not connected to the domain, user can identify himself/herself by typing PIN number or username and password by every print, or selecting from list of users from pop up window.



Picture 2-7

2.2.3. User rights through policies

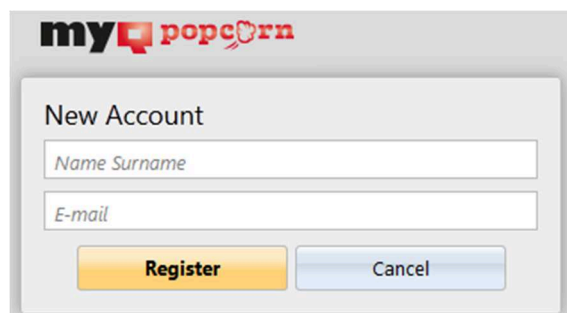
New way to set the appropriate rights to users and user groups. You may define which features will be available to which users by simple setup of user policies.



Picture 2-8

2.2.4. User registration

Users may register into the system via the web interface of MyQ. If allowed the user may register by adding his name and email into the MyQ system, after that the system will generate the PIN and register him into the system. The users may also be registered via Email printing, LPR or by swiping an unknown card over the reader (anonymous account is created).



Picture 2-9

2.3. Printer device administration

2.3.1. Printer device searching and automatic driver installation

Printer devices can be easily searched and automatically activated in the MyQ system. It is possible to search in different subnets based on the network architecture. MyQ also allows fully automatic Windows driver installations by pre-set filters (e.g. device model, type, etc.).

2.3.2. Printer device status monitoring

MyQ monitors current status of all printing devices, displays error/warning messages and graphically displays the actual toner status. Furthermore MyQ regularly updates counters of all the functions. Special report with history of all the error/warning messages is available to give accurate information about device reliability.

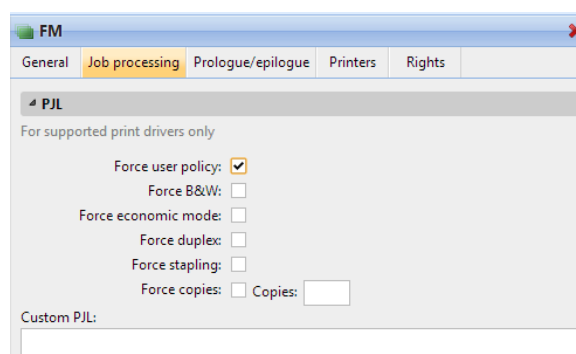
Status	Alert	Name	Location	Model	Brand	IP address	Serial numl	Terminal	Pm BW	Pm COL	Cpy BW	Cpy COL	Scan	Fax	C	M	Y	K
Unreachable		FS-1018MFP_OO	2. patro vpr...	FS-1018MFP	Kyocera	10.1.1.109	XLA4704...		25996	0	0	0	0	0	-	-	-	100%
Inactive		FS-1035MFP		FS-1035MFP	Kyocera	10.1.3.76	NR11YO...	00243202464E	2349	0	28	0	45	0	-	-	-	72%
Unreachable	inputMe...	FS-1128MFP_recepc	recepc	FS-1128MFP	Kyocera	10.1.1.107	QRD021...		77746	0	4527	0	10393	25	-	-	-	94%
Ready		FS-1350DN_TO	1. patro EK	FS-1350DN	Kyocera	10.1.1.106	XETBVO1...		42809	0	0	0	0	0	-	-	-	6%
Unreachable	inputMe...	FS-1370		FS-1370DN	Kyocera	10.1.1.67	Q662877...		224	0	0	0	0	0	-	-	-	100%
Unreachable	markerT...	FS-1370DN	MyQ	FS-1370DN	Kyocera	10.1.3.70	Q661782...	002432024682	8785	0	0	0	0	0	-	-	-	5%
Unreachable		FS-2020DN	1.p MyQ Te...	FS-2020D	Kyocera	10.1.1.126	XEIX2455...		363	0	0	0	0	0	-	-	-	82%
Ready		FS-3040MFP_Logist...	Logistka 1...	FS-3040MFP	Kyocera	10.1.1.124	Q8F500...		57385	0	3408	0	5822	0	-	-	-	86%
Ready	other	FS-3540_OO	Obchodni o...	FS-3540MFP	Kyocera	10.1.1.102	NND160...	00C0E8BCC458 (4.1.0.1...	2320	0	359	0	471	0	-	-	-	83%
Unreachable	other	FS-3640MFP_Show...	Showroom ...	FS-3640MFP	Kyocera	10.1.1.104	NNGL60...	00C0E8BCD8D9	26683	0	4370	0	1942	0	-	-	-	15%
Inactive		fs-4300	1.p MyQ	N/A	Kyocera	10.1.3.103	NUD290...		72	0	0	0	0	0	-	-	-	99%
Ready		FS-6525MFP	Showroom ...	FS-6525MFP	Kyocera	10.1.1.128	NX42500...	00C0E8BF67A1 (4.1.0.0...	4049	0	21	0	80	0	-	-	-	97%
Ready		FS-C2026	Obchodni o...	FS-C2026MFP	Kyocera	10.1.1.136	QS4070...	002432024688 (4.1.1.0...	5132	11923	921	405	2223	0	3%	6%	78%	31%
Ready		FS-C2626	MyQ 1. patro	FS-C2626MFP	Kyocera	10.1.3.32	NNL130...	00C0E8BCA938 (4.1.0...	4670	4737	352	198	1493	0	14%	20%	45%	93%
Unreachable	inputMe...	FS-C5150DN	Showroom	FS-C5150DN	Kyocera	10.1.1.133	QS20V00...		255	1105	0	0	0	0	70%	4%	70%	65%
Unreachable	inputMe...	FS-C8020MFP	Showroom	FS-C8020MFP	Kyocera	10.1.1.138	Q6Y1301...	00083C059913	752	3337	592	184	404	0	3%	6%	14%	87%
Unreachable		HP LaserJet M2727 ...	1. patro vpr...	HP LaserJet ...	HP	10.1.3.36	CNDT91...		2052	0	115	0	93	0	-	-	-	8%
Ready	inputMe...	Konica Minolta	MyQ 1. patro	KONICA ML...	KonicaMinolta	10.1.3.35	A0ED023...	002432024653 (4.1.1.0...	38	103	34	8	0	0	98%	10%	99%	99%
Ready	Assign a ...	Ricoh Aficio MP C3...	Developers ...	RICOH Afici...	Ricoh	10.1.3.40	W492KB...	7C7600000076	239	18	16	0	0	0	100%	100%	100%	100%
Ready		TASKalfa 300i	Showroom ...	TASKalfa 300i	Kyocera	10.1.1.127	QZK030...	00C0E44D382 (4.1.0.0...	31569	0	1653	0	4550	0	-	-	-	86%
Ready	markerW...	TASKalfa 3050ci	Showroom ...	TASKalfa 305...	Kyocera	10.1.1.139	N2Q120...	00C0E8641B5 (4.1.0.0...	8113	60168	1070	2428	24651	9	39%	10%	14%	75%
Unreachable	other	TASKalfa 400Ci	MyQ 1. patro	TASKalfa 400Ci	Kyocera	10.1.3.31	QJAB200...	00C0E4480AAA	15728	36699	3419	3336	6864908	11	5%	9%	6%	63%
Ready		TASKalfa 4500i	Showroom ...	TASKalfa 4500i	Kyocera	10.1.1.131	N441600...	00C0E867547 (4.1.0.0...	40193	0	2324	0	9459	0	-	-	-	56%

Picture 2-7

2.4. Print job administration

2.4.1. Print job modification

In certain print jobs it can be useful to modify the data. MyQ enables an easy addition of commands for stapling, duplex printing, setting of number of copies in print jobs, eventually it enables to create a specific modification of print job via scripts.



Picture 2-8

2.4.2. Job Preview

The preview of every printed job can be displayed from WEB interface of the user or administrator. The preview is stored in PDF format and can be displayed in a case of need.

2.4.3. Print job rules

Jobs can be automatically deleted, paused or forwarded to more efficient or more economic device based on the data included (size of the job, number of pages, source application, or job name).

2.4.4. Private queue support

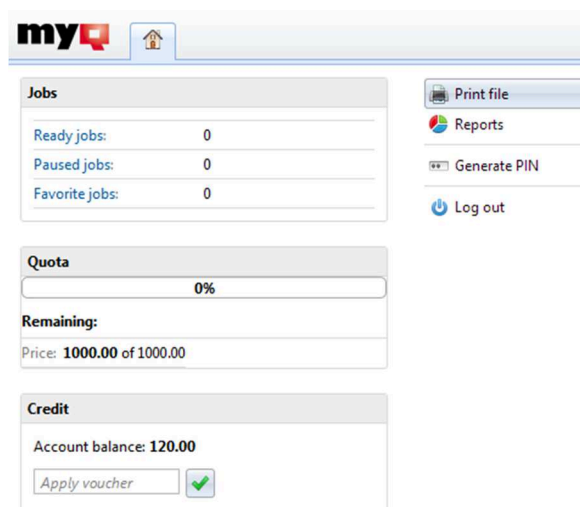
For the users who print sensitive data the function of automatic deletion from the server immediately after printing is available. Private queue is often used for prints of financial and payroll department or company management.

2.5. User access

2.5.1. Web interface

User's access to the system is made through a web browser. After login, users profile and print jobs are displayed. The print jobs are separated into folders according to status (printed, queued, etc.). User can sort the jobs at his/her own will –pause them, delete them or put them back on the print list. User has also an access to his/her own statistics.

Special rights to recharge the credit, display and manage the devices, display, manage and schedule reports etc. can be assigned to responsible users.



Picture 2-9

2.5.2. Devices and terminals

User can manage his/her print jobs stored on the MyQ server directly from the MyQ terminal after login on any of connected devices. The authentication is possible via card, PIN, password or by their combination. The Embedded terminal provides the user with the user friendly environment which significantly simplifies the daily work and improves the work efficiency in the office.

2.5.3. MyQ Mobile Applications

It has never been easier to manage your jobs from your smartphone or tablet than it is with MyQ 5.2. With this version the user may download MyQ mobile application from Google Play or Apple App Store and start working with his jobs. The login to devices and server management can be easily done via scanning the QR code which is placed on the front side of the printer. Thanks to this application the user may also send the files for print via this application directly to MyQ and print them on selected device.

2.6. Accounting and reports

2.6.1. Detailed monitoring

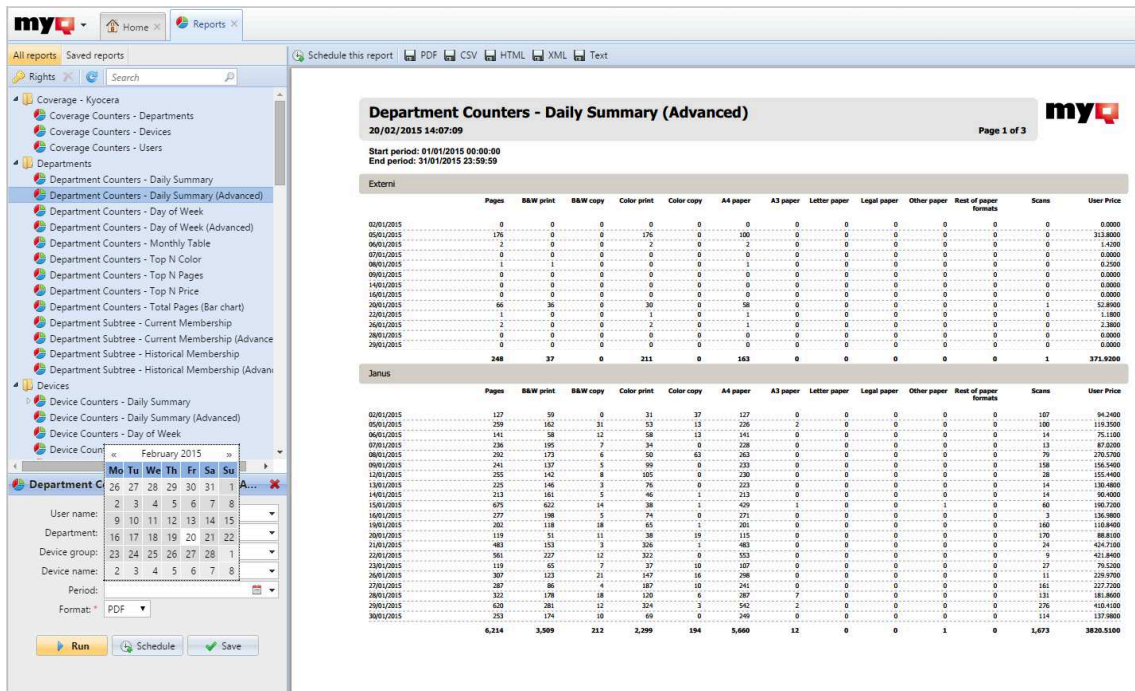
The MyQ system provides detailed monitoring of an entire print network and following acquired information to optimize work and time of employees. Allocation among users enables to detect private prints and reveal a lack of economy in printing company emails and other documents. Allocation among departments enables an exact print

cost distribution of individual cost centers. Allocation among printer devices reveals dead load or, on the contrary, overload of printer devices and enables to optimize its placement.

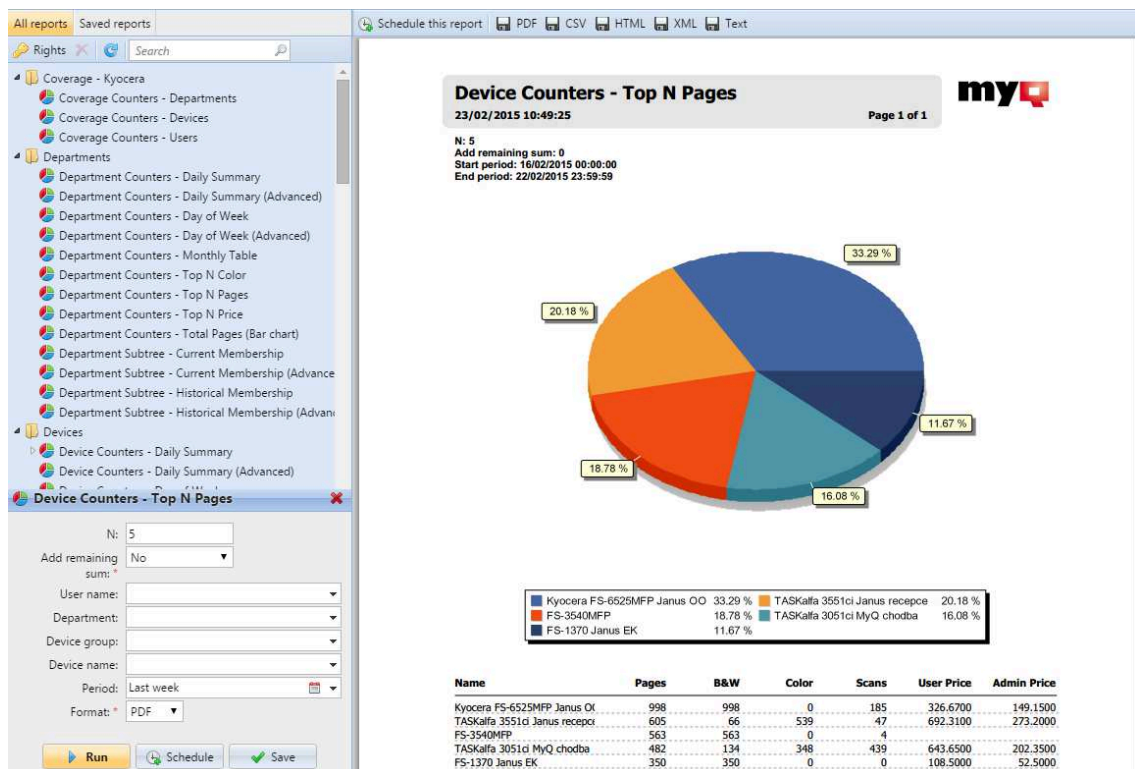
2.6.2. Automatic reporting

The MyQ print solution offers automatic report sending in a chosen period of time. You get exact data of all printing processes. Great variability in report setting enables to send proper information to individual users.

Reports can be displayed online on MyQ WEB interface, periodically send to the different email addresses or stored to predefined folders. More than 80 reports based on printers, departments, users, jobs, environmental impact or projects are available in MyQ as standard. Customized reports can be simply implemented if requested. PDF, HTML, XML and CSV formats are supported.



Picture 2-10



Picture 2-11

2.6.3. Credit accounting

Credit accounting is a function that is necessary for running printer devices in public places, like e.g. schools, libraries, or bureaus. Every user can buy the credit which can be used for printing, copying, eventually for network scanning until it is expended. After that the MyQ terminal no longer allows him to use operations of the printing device and the user has to recharge his credit account. MyQ credit system can be combined with the regular accounting. The card of every user or group can be preset for either credit accounting, or regular accounting. A typical example can be a multifunctional device in a public library whose members use credit accounting and therefore have to recharge their card while employees of the library use a regular accounting system without a credit subtraction.

Credit recharging is possible directly through MyQ WEB interface by authorized person, or by buying the recharge coupon with pre-set amount. After user buys the coupon, he can register activate it and recharge the appropriate credit through MyQ WEB interface or Embedded terminal.

Another possibilities is to use the external payment providers – now is available Mokipay System. More payment providers are possible to implement on customization request.

Possibility to recharge credit via special MyQ Recharge terminal; full-color 19inch touch screen device intended to be used with MyQ credit accounting for recharging money to user accounts. This device can be used as MyQ server.

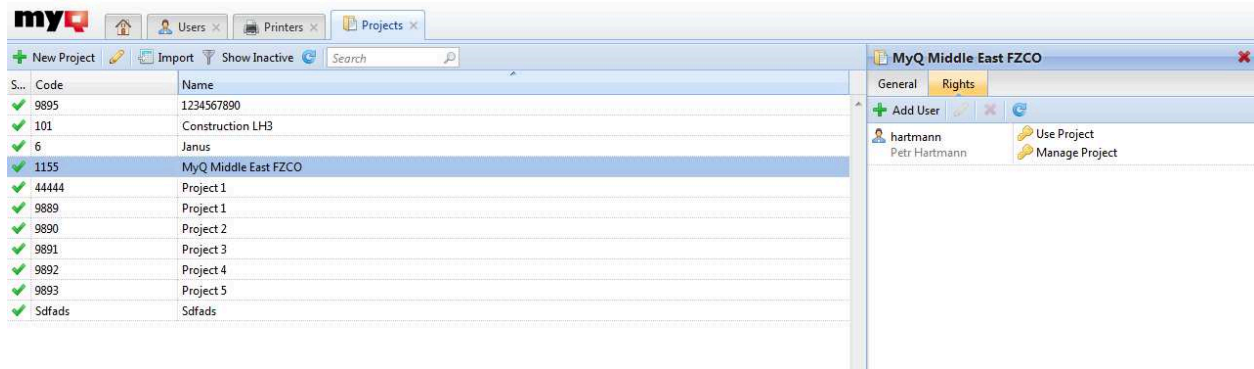
2.6.4. Setting quotas for printing and copying

Quotas for printing and copying protect from misusing of print service by users. For each user a quota (limit) can be set with flexible or repeated time period. If the limit is exceeded the system enables/disables printer operations according to available options. The quotas can be set according to total number of pages, color pages or price of prints for a certain period of time. Quotas can be also classified by monochrome or color. Another possibility is set automatic sending a notification while the warning level is reached or while the quota is reached.

Picture 2-12

2.6.5. Project accounting

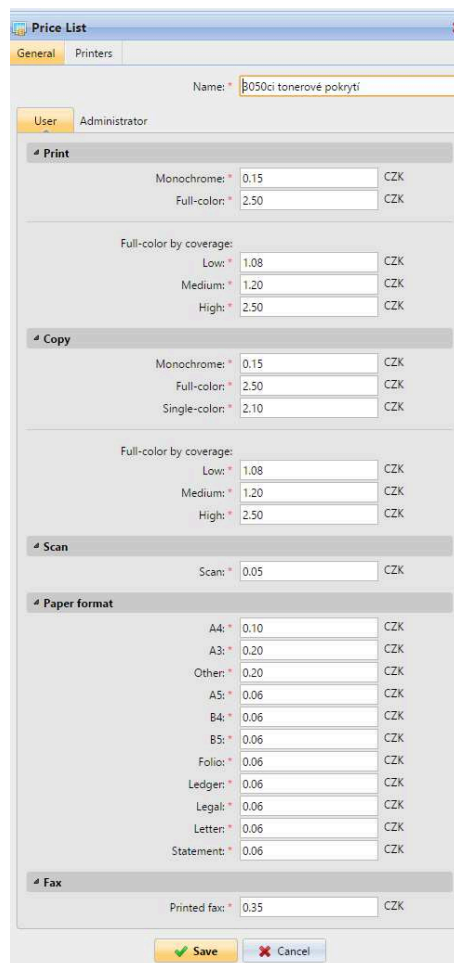
Project accounting is very powerful tool for companies working on more projects for different customers. It enables responsible employees to assign print copy and scan jobs to particular projects and consequently distribute the print cost among them and charge it to appropriate customer. Project accounting can be also used as another independent level of internal accounting next to the devices, users and department, for example for accounting on users private jobs. Project accounting function on Embedded terminals allows to assign print project to data coming from any OS without the need of any additional application.



Picture 2-13

2.6.6. Coverage accounting

We have prepared new possibility of coverage accounting for selected printer models. Pages printed/copied in color can be charged according to the 3 pre-set coverage levels.

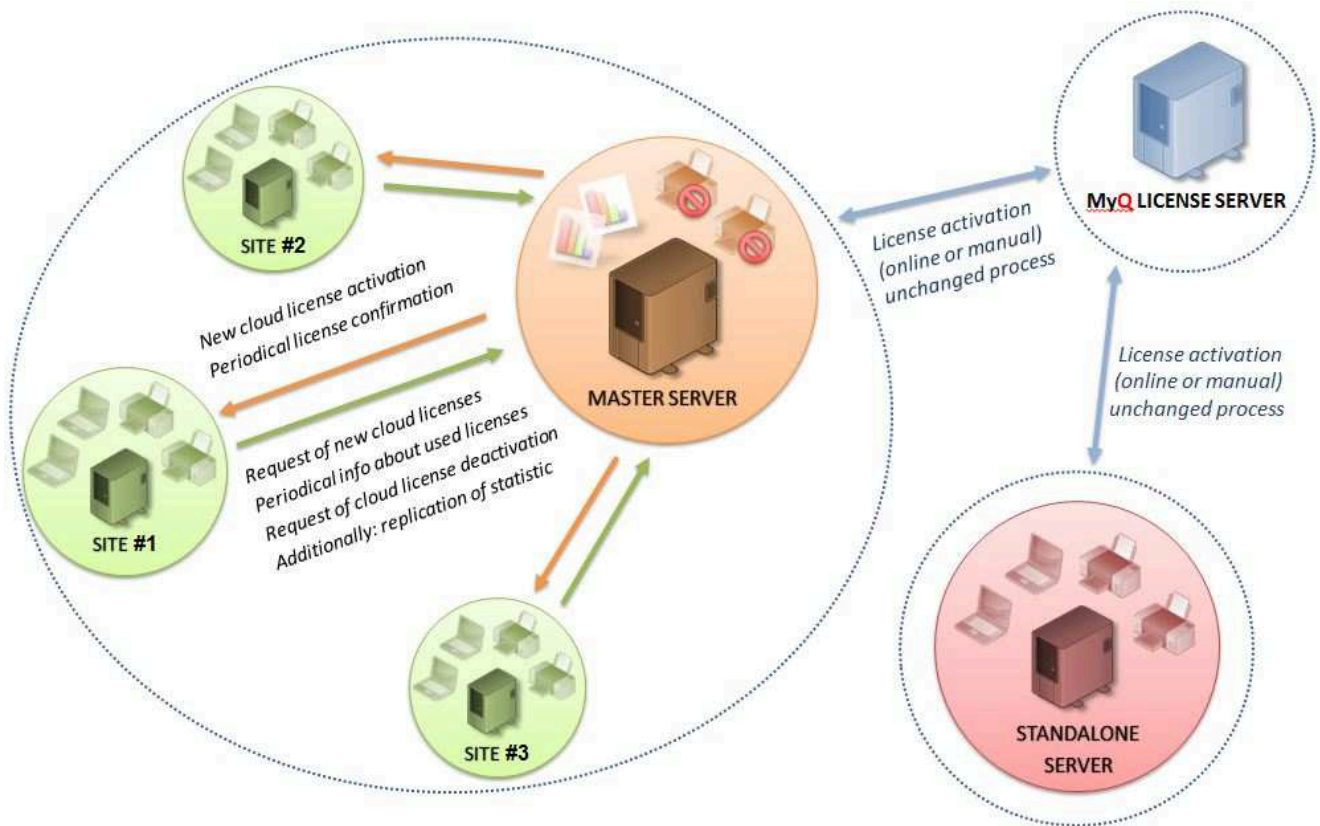


Picture 2-14

2.7. Multiple MyQ server support (branch offices interconnection)

2.7.1. Cloud licensing

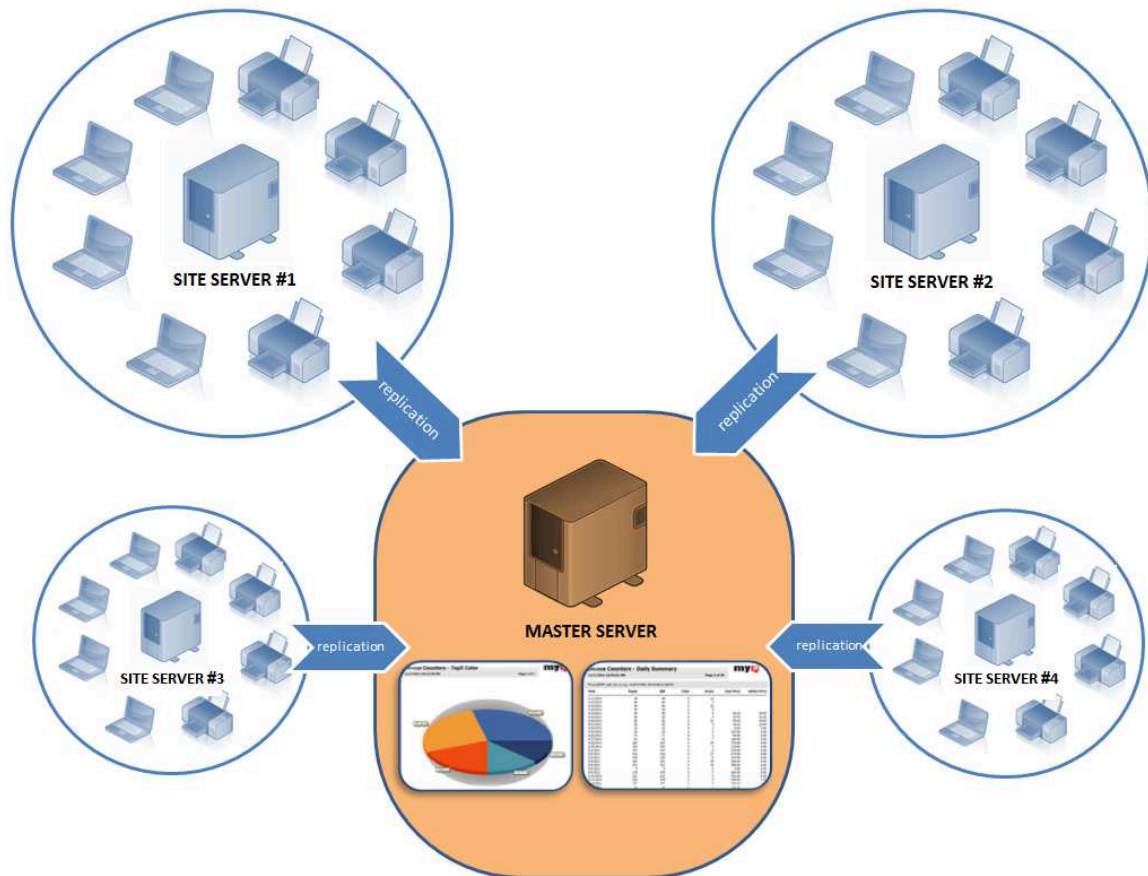
Cloud feature is very useful for companies with more branches, one license code can be used across all MyQ servers in the cloud (the volume can be split and shared between branches). MyQ can be set up as Master server which manages licenses for printing devices and terminals on the site servers (and fulfills other cloud functions) but cannot be used as a print server. Site server downloads required amount of printers and terminals from the Master server. MyQ supports up to 500 site servers connected to the central master server.



Picture 2-15

2.7.2. Master server for reporting

If the MyQ is installed to more branches, collecting data from branch MyQ servers and displaying on the master server is possible. This functionality is useful especially for the users who run several branch offices and want to have overall statistical information accessible from one place.



Picture 2-16

2.7.3. Job roaming

Users travelling between more branch offices can also transfer their jobs from one location to another. After login on embedded terminal, eventually on MyQ WEB interface, these users can check their jobs available on other branches, select the ones which they want to print and move them to the branch they are currently located.

2.8. MyQ Easy Cluster

The role of the Easy Cluster is to switch between the active MyQ server and the backup server in the case of unexpected malfunction. For using of the Easy Cluster application you need to install the MyQ active server and backup server on two different physical servers with correct parameters.

In a case of active server malfunction (if the interval of malfunction is longer than interval set), the MyQ backup server may start following actions:

- The backup server automatically turns the active server off, receives its IP address (or hostname), recovers its database from the active server backup and activates MyQ.
- The backup server automatically sends notification to the system administrator and awaits his manual approval. After the approval the backup server starts the same actions as described at the first point.

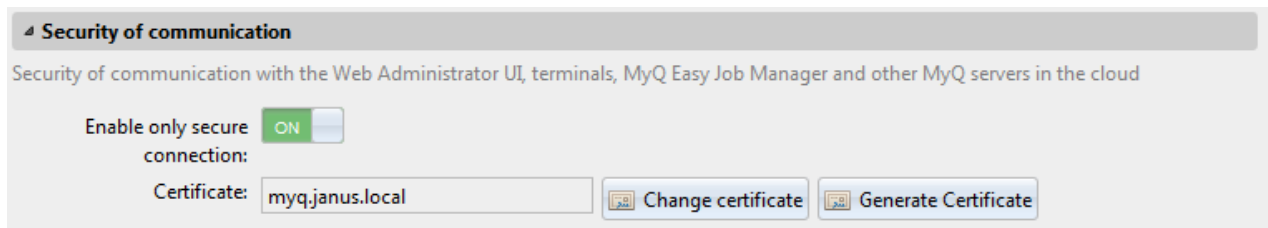
The system administrator is informed about all these actions. He/she may repair the active server and confirm its function and restart the main MyQ server.

Server on which the backup MyQ server is installed should not be appointed to any other application than MyQ.

2.9. Secured run of MyQ system

2.9.1. Secured communication by certificate

MyQ can be configured for secure communication. MyQ applications and functions like Embedded Terminal, Easy Job Manager, Mobile Terminal, printing jobs and cloud licensing now fully support secure communication. You may easily upload your security certificate through the MyQ web interface for HTTPS communications. This secured communication uses port 8090 instead of standard 8080 for web access. For print the IPP and IPPs protocols can be used.



Picture 2-17

2.9.2. Two factor authentication

For higher level of security you may set the two factor authentication for users at Kyocera devices with Embedded or devices equipped with Android terminal. The user must present his card/chip and only if this is authorized by the server the authentication by PIN/password is allowed.

2.9.3. Jobs archiving

Security enhancement that allows to monitor all documents that are printed, copied, scanned or faxed from your devices. Copies of all documents are sent to the server and archived in the special folder for further analysis.

Storage space	Volume 500,000 pages per month: 4 pages per job, 6250 jobs per business day			
	Application files: 300 MB	Log: 100 MB (14 days)	Accounting records: 6GB (4 year history)	Print jobs: Depends on the amount of print
Server Operating System	Windows Server 2008 / 2008 R2 / 2012 / 2012r2 Windows 7 / 8 / 8.1** supports 32bit and 64bit OS			
User Operating System (standard printing)	Windows – all versions Linux – all distribution MAC OS – all versions ERP and other systems supporting LPR			
User Operating System (projects, local monitoring)	Windows 7 and higher			
Recommended No. of users	Users: up to 100 000 Groups: up to 50 000			
Site servers and replications	Maximum recommended number of site servers is 500 with replication to the master server. The speed of the replication process depends on the number of printers, amount of print and bandwidth of the network connection to the master server.			
Web browser	Internet Explorer 10 and higher versions Mozilla FireFox 10 and higher versions Google Chrome 20 and higher versions Older version of web browser may not work properly			

* recommended configuration may vary according to the system load. In case of need please contact your MyQ® support for additional information.

** for trouble-free running of machine we strictly recommend a server operating system; running non-server systems may cause overflow of network sessions; for detailed information please contact MyQ support team

3.2.2. MyQ software specifications

The installation file contains, besides the MyQ system itself, the installation of Firebird database server, Apache web server and PHP runtime. The system must be used with **Microsoft .NET Framework 4.0 Full Profile** and **JAVA runtime version 7 and higher**. With Scan Management function activated, the MyQ system uses its own SMTP server. If other systems using database, web interface, PHP, or email server are running on the server, a system collision may appear causing malfunction of one of the components. Therefore we recommend you to install MyQ on the server with a newly installed operating system. MyQ supports installation on virtual server.

3.2.3. MyQ software components and ports

MyQ server consists of following components:

MyQ Print Server	Key component of MyQ system incl. LPD server and SMTP server
Firebird Database Server	DB service for the MyQ system
Apache Web Server	Web service for the MyQ system

PHP-cgi.exe	PHP runtime for the MyQ WEB interface and scripts
Kyocera Provider	Serves for remote setup of Kyocera devices and Kyo Mobile print
MyQ Easy Config	Application for basic system configuration and management
Terminal Manager	Tool for management of MyQ terminals

MyQ client (*not mandatory, necessary only for advanced MyQ features*) consist of following components:

MyQ LPMS service	Service collecting data for local devices monitoring and offline accounting
MyQ Easy Job Manager	Application for job and project management

The MyQ system uses following ports for communication:

TCP Port 25	SMTP protocol used with Scan Management function
TCP Port 515	LPR protocol for print job transmission to the MyQ server
TCP Port 8080	HTTP Alternative port for an access to the web interface
TCP Port 8090	HTTP Alternative port for an access to the web interface, 8090 is used for the communication secured by the security certificate.
UDP Port 161	SNMP protocol serves for communication with printer devices
UDP Ports 11108	Port for communication with terminals
UDP Port 11112	Port for communication with LPM
TCP Port 9093	Communication ports for the Kyocera Provider. Port 9094 used for communication with devices cannot be changed.
TCP Port 9094	
TCP Port 9095	
TCP Port 9097	
TCP Port 9098	
TCP Port 9099	

Additional protocols needed for function of the system

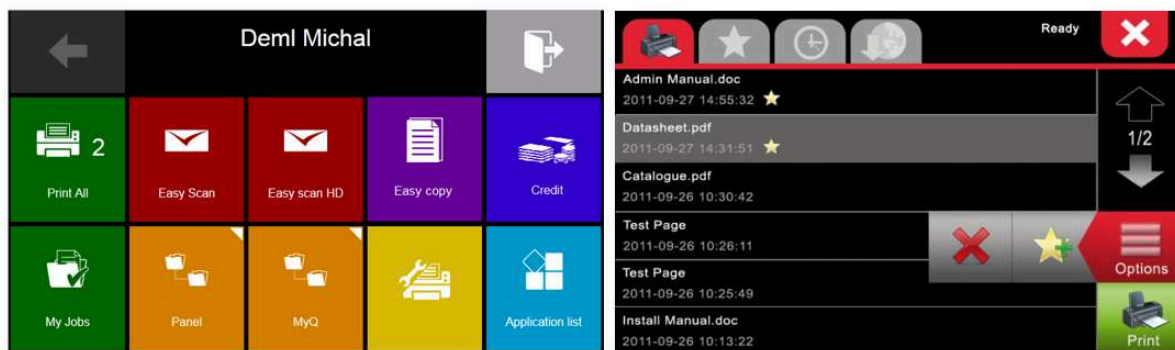
ICMP protocol	Must be allowed for proper communication with the devices. If not allowed, the device will stay in status <i>Unreachable</i> .
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3.2.4. MyQ Embedded terminal for Kyocera specifications

Embedded terminal version for Kyocera devices

Platform	Kyocera HyPAS
Format	Application software package
Installation	Remote setup initiated from the server with possibility to define complete look of the terminal and behavior of all the buttons. Possibility of two factor authentication.
Supported devices Kyocera	TASKalfa 266ci; TASKalfa 256i; TASKalfa 306i; TASKalfa 420i; TASKalfa 520i; TASKalfa 206ci; TASKalfa 256ci; TASKalfa 265ci; TASKalfa 2550ci; TASKalfa 2551ci; TASKalfa 3050ci; TASKalfa 3051ci; TASKalfa 3550ci; TASKalfa 3551ci; TASKalfa 4550ci; TASKalfa 4551ci; TASKalfa 5550ci; TASKalfa 5551ci; TASKalfa 6550ci; TASKalfa 6551ci; TASKalfa 7550ci; TASKalfa 7551ci; TASKalfa 3010i; TASKalfa 3500i; TASKalfa 3510i; TASKalfa 4500i; TASKalfa 4501i; TASKalfa 5500i; TASKalfa 5501i; TASKalfa 6500i; TASKalfa 6501i; TASKalfa 8000i; TASKalfa 8001i; FS-C2526MFP; FS-C2626MFP; FS-3540MFP; FS-3640MFP; FS-6525MFP; FS-

	6530MFP; FS-C8520MFP; FS-C8525MFP; FS-8525MFP; FS-6525MFP; FS-6530MFP; ECOSYS M6526cidn; ECOSYS M6026cidn; ECOSYS M3040idn; ECOSYS M3540idn; ECOSYS M3550idn; ECOSYS M3560idn, ECOSYS M6035cidn, ECOSYS M6535cidn
Supported devices Triumph Adler	261ci; 256i; 306i; DC 2242; DC 2252; 206ci; 256ci; 260ci; 2250ci; 2500ci; DCC 2930; 3005ci; DCC 2935; 3505ci; DCC 2945; 4505ci; DCC 2950; 5505ci; DCC 2965; 6505ci; DCC 2970; 7505ci; 3060i; DC 2435; 3560i; DC 2445; 4555i; DC 2455; 5555i; DC 2465; DC 2465; DC 2480; 8055i; DCC 6526; DCC 6626; DC 6140; DC 6240; 256i; 306i; 206ci; 256ci; 256i; 306i; P-C2650i MFP; P-C2660i MFP; P-4030i MFP; P-4035i MFP; P-5035i MFP; P-6035i MFP, P-C3560i MFP, P-C3565i MFP
Supported devices UTAX	261ci; 256i; 306i; CD 1242; CD 1252; 206ci; 256ci; 260ci; 2250ci; 2500ci; CDC 1930; 3005ci; CDC 1935; 3505ci; CDC 1945; 4505ci; CDC 1950; 5505ci; CDC 1965; 6505ci; CDC 1970; 7505ci; 3060i; CD 1435; 3560i; CD 1445; 4555i; CD 1455; 5555i; CD 1465; CD1465; CD 1480; 8055i; CDC 5526; CDC 5626; CD 5140; CD 5240; 256i; 306i; 206ci; 256ci; 256i; 306i; P-C2665i MFP; P-C2660i MFP; P-4030i MFP; P-4035i MFP; P-5035i MFP; P-6035i MFP; P-C3560i MFP, P-C3565i MFP



Picture 3-1

3.2.5. MyQ Embedded terminal for Ricoh specifications

Embedded terminal version for RICOH devices.

Platform	RICOH JAVA application
Format	Application software package in .ZIP archive
Installation	Remote setup initiated from the server with possibility to define complete look of the terminal and behavior of all the buttons.
Supported devices RICOH	AficioMP 4000/5000 Series, AficioMP 2550/3350 Series, AficioMP C6000/C7500, AficioMP C4000/C5000, AficioMP C2800/C3300, AficioMP C2050/C2550, AficioMP 4001/5001, AficioMP 2851/3351, AficioMP 6001/7001/8001/9001, AficioMP 2852/3352, AficioMP 2352SP/2852SP/3352SP, AficioMPW2401/W3601, AficioMP C6501SP/C7501SP, AficioMP C3001SP/C3501SP, AficioMP C4501/C5501 Series, AficioMP C300/C400 Series, AficioMP C2051SP/C2551SP, Aficio SP 5200S SP 5200S, Aficio SP 5210SF/5210SR, AficioMP C3002 Series/C3502 Series, AficioMP C4502 Series/C5502 Series, AficioMP 4002/5002 Series(SPmodels), AficioMP 6002/7502/9002 Series, MP CW2200, AficioMP 4002/5002 Series(Basicmodels), AficioMP C305 Series, AficioMP 301 Series, MP 2001SP/2501SP, Aficio SP C830DN/C831DN, Aficio SP 8300DN, MP C3003/C3503 Series, MP C2003 SP / MP C2503 SP ,

	MP C4503/C5503/C6003 Series , MP C6502SP/C8002SP, Pro C5100S/C5110S, MP 2553/3053/3353 Series
Supported devices NRG/Nashuatec/Rex Rotary/Gestetner	MP 4000/5000 Series, MP 2550/3350 Series, MP C6000/C7500, MP C4000/C5000, MP C2800/C3300, MP C2050/C2550, MP 4001/5001, MP 2851/3351, MP 6001/7001/8001/9001, MP 2852/3352, MP 2352SP/2852SP/3352SP, MPW2401/W3601, MP C6501SP/C7501SP, MP C3001SP/C3501SP, MP C4501/C5501 Series, MP C300/C400 Series, MP C2051SP/C2551SP, SP 5210SF/5210SR, MP C3002 Series/C3502 Series, MP C4502 Series/C5502 Series, MP 4002/5002 Series, MP 6002/7502/9002 Series, MP CW2200, MP 4002/5002 Series, MP C305 Series, MP 301 Series, MP 2001SP/2501SP, SP C830DN/C831DN, SP 8300DN, MP C3003/C3503 Series, MP C2003 SP / MP C2503 SP, MP C4503/C5503/C6003 Series, MP 2553/3053/3353 Series
Supported devices Lanier	MP 4000/5000 Series, MP 2550/3350 Series, MP C6000/C7500

3.2.6. MyQ Embedded terminal for Xerox specifications

Embedded terminal version for XEROX devices.

Platform	SOAP HTTP API
Format	Application software package, part of the server
Installation	Remote setup initiated from the server.
Supported devices XEROX	WorkCentre™ 3655, ColorQube™ 8700, ColorQube™ 8900, ColorQube™ 9301/9302/9303, WorkCentre™ 5845/5855, WorkCentre™ 5865/5875/5890, WorkCentre™ 6655, WorkCentre™ 7220/7225, WorkCentre™ 7830/7835/7845/7855, WorkCentre™ 7970, WorkCentre™ 5735/5740/5745/5755, WorkCentre™ 5765/5775/5790, WorkCentre™ 7525/7530/7535/7545/7556, ColorQube™ 9201/9202/9203, WorkCentre™ 5632/5638, WorkCentre™ 5645/5655, WorkCentre™ 5665/5675/5687, WorkCentre™ 7120/7125, WorkCentre™ 7425/7428/7435, WorkCentre™ 7755/7765/7775, Xerox® Color 550/560/570

3.2.7. MyQ Embedded terminal for Sharp specifications

Embedded terminal version for SHARP devices.

Platform	SOAP HTTP API
Format	Application deployed from the server
Installation	Remote setup initiated from the server.
Supported devices SHARP	MX-B382; MX-B382P; MX-M264; MX-M314; MX-M354; MX-M364; MX-M464; MX-M564; MX-M283; MX-M363; MX-M453; MX-M503; MX-M365; MX-M465; MX-M565; MX-M623; MX-M753; MX-M654; MX-M754; MX-C312; MX-C382; MX-C402SC; MX-B402SC; MX-C301; MX-C310; MX-C311; MX-C380; MX-C380P; MX-B380P; MX-C381; MX-C400; MX-2600; MX-3100; MX-2301; MX-1810; MX-2010; MX-2310; MX-3111; MX-2314; MX-2614; MX-3114; MX-2610; MX-3110; MX-3610; MX-2640; MX-3140; MX-3640; MX-2615; MX-3115; MX-4100; MX-4101; MX-5000; MX-5001; MX-4110; MX-4111; MX-4112; MX-5110; MX-5111; MX-5112; MX-4140; MX-4141; MX-5140; MX-5141

3.2.8. Embedded terminal Lite

This function provides the option of secured print function without the need of further installation of any software into the device.

Platform	Kyocera
Format	Settings of the device with MyQ license
Installation	Remote setup initiated from the server
Supported models Kyocera	ECOSYS M6526cidn, ECOSYS M6026cidn, TASKalfa 266ci, ECOSYS M6526cdn, ECOSYS M6026cdn, ECOSYS M2535dn, ECOSYS M2035dn, ECOSYS M2530dn, ECOSYS M2030dn, TASKalfa 2551ci, TASKalfa 265ci, TASKalfa 3010i, TASKalfa 3510i, ECOSYS M3040dn, ECOSYS M3540dn, ECOSYS M3040idn, ECOSYS M3540idn, ECOSYS M3550idn, ECOSYS M3560idn, TASKalfa 3501i, TASKalfa 4501i, TASKalfa 5501i, TASKalfa 6501i, TASKalfa 8001i, TASKalfa 3051ci, TASKalfa 3551ci, TASKalfa 4551ci, TASKalfa 5551ci, TASKalfa 6551ci, TASKalfa 7551ci, FS-C8520MFP, TASKalfa 256ci, FS-C8525MFP, TASKalfa 206ci, FS-6525MFP, TASKalfa 256i, FS-6530MFP, TASKalfa 306i, FS-C8650DN, FS-C8600DN, FS-4100DN, FS-2100DN, FS-2100D, FS-4200DN, FS-4300DN, TASKalfa 2550ci, FS-C8025MFP, TASKalfa 255c, FS-C8020MFP, TASKalfa 205c, FS-6030MFP, TASKalfa 305, FS-6025MFP, TASKalfa 255, FS-6025MFP/B, TASKalfa 255b, FS-1135MFP, FS-1035MFP/DP, FS-1130MFP, FS-1030MFP/DP, FS-1030MFP, FS-3140MFP+, FS-3040MFP+, FS-3640MFP, FS-3540MFP, FS-C2126MFP+, FS-C2026MFP+, FS-C2626MFP, FS-C2526MFP, TASKalfa 6500i, TASKalfa 8000i, TASKalfa 3500i, TASKalfa 4500i, TASKalfa 5500i, TASKalfa 3550ci, TASKalfa 4550ci, TASKalfa 3050ci, TASKalfa 5550ci, TASKalfa 6550ci, TASKalfa 7550ci, TASKalfa 552ci, TASKalfa 300i, TASKalfa 520i, TASKalfa 420i, TASKalfa 500ci, TASKalfa 400ci, TASKalfa 300ci, TASKalfa 250ci, ECOSYS M6030cdn; ECOSYS M6530cdn; ECOSYS M6035cdn; ECOSYS M6535cdn; ECOSYS P6130cdn; ECOSYS P6035cdn
Supported models UTAX/Triumph Adler	P-C2665i MFP, P-C2660i MFP, 261ci, P-C2665 MFP, P-C2660 MFP, P-3525 MFP, P-3520 MFP, P-3025 MFP, P-3020 MFP, 2500ci, 260ci, 3060i, 3560i, P-4030 MFP, P-4035 MFP, P-4030i MFP, P-4035i MFP, P-5035i MFP, P-6035i MFP, 3555i, 4555i, 5555i, 6555i, 8055i, 3005ci, 3505ci, 4505ci, 5505ci, 6505ci, 7505ci, -, 256ci, 206ci, 256i, 306i, P-C8650DN, P-C8600DN, P-4530DN, P-4030DN, P-4030D, P-5030DN, P-6030DN, 2550ci, CDC 5525_DCC 6525, CDC 5520_DCC 6520, CD 5030_DC 6030, CD 5025_DC 6025, CD 5025P / DC 6025P, CD 5235_DC 6235, CD 5135_DC 6135, CD 5230_DC 6230, CD 5130_DC 6130, CD 5130P_DC 6130P, CD 5240L_DC 6240L, CD 5140L_DC 6140L, CD 5240_DC 6240, CD 5140_DC 6140, CDC 5626L_DCC 6626L, CDC 5526L_DCC 6526L, CDC 5626_DCC 6626, CDC 5526_DCC 6526, CD 1465_DC 2465, CD 1480_DC 2480, CD 1435_DC 2435, CD 1445_DC 2445, CD 1455_DC 2455, CDC 1935_DCC 2935, CDC 1945_DCC 2945, CDC 1930_DCC 2930, CDC 1950_DCC 2950, CDC 1965_DCC 2965, CDC 1970_DCC 2970, CDC 1850_DCC 2850, CD 1430_DC 2430, CD 1252_DC 2252, CD 1242_DC 2242, CDC 1840_DCC 2840, CDC 1740_DCC 2740, CDC 1730_DCC 2730, CDC 1725_DCC 2725; P-C3060 MFP; P-C3065 MFP; P-C3560i MFP; P-C3565i MFP; P-C3061DN; P-C3560DN

3.2.9. MyQ standard internal / external terminal specifications

Platform	Standalone network device
Power source	24V external or KeyCounter
MFP communication	Key Counter panel locking
Reader communication	RS232, Wiegand Universal
Supported readers	All MyQ USB Card Readers are supported (about 60 RFID technologies + Smart Card), multiple technologies incl. PIN and LCD reader
Supported devices	Universal HW for all vendors and models



Picture 3-2

3.2.10. MyQ Android terminal specifications

Platform	Standalone network device
Description	Full-color touch screen device, can be attached with the card reader, key-counter cable.
Power source	5V external
MFP communication	Key Counter panel locking, SW panel locking.
Supported readers	All MyQ USB Card Readers are supported (about 60 RFID technologies + Smart Card), multiple technologies incl. PIN which is the part of the terminal.
Supported devices	Universal HW for all vendors and models.



Picture 3-3

3.2.11. MyQ EasyBox

Platform	MyQ Easy Box is standalone server with pre-installed MyQ inside intended for fast deployment at customers using up to 10 printing devices.
Description	Small server with preinstalled OS and MyQ inside.
HW configuration	<ul style="list-style-type: none"> ▪ CPU: Intel Dual Core Celeron 2,41 GHz ▪ RAM: 4GB ▪ Storage: 128GB SSD ▪ SDHC: 8GB (serves for backup of the database) ▪ MS Windows Embedded 8.1 Industry PRO
Power source	230V external
Peripherals	<ul style="list-style-type: none"> ▪ LAN ▪ HDMI ▪ VGA ▪ 6 USB Ports (4 USB v2.0, 2 USB v3.0) ▪ COM Port ▪ MS/SD/MMC Reader ▪ Audio 3,5mm Input/Output.



Picture 3-4

3.2.12. MyQ Recharge Terminal

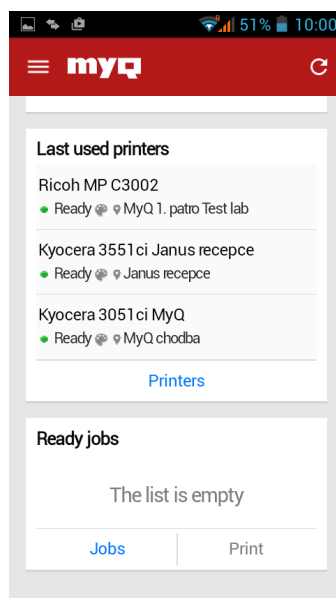
Platform	Standalone network device with MS Windows OS and MyQ application; can be used as MyQ server.
Description	Full-color 19inch touch screen device intended to be used with MyQ credit accounting for recharging money to user accounts.
Power source	230V external
Peripherals	Coin selector, banknote acceptor, card reader, thermal bill printer. Additional HW peripherals can be added on request.
Supported readers	All MyQ USB Card Readers are supported (about 60 RFID technologies + Smart Card), multiple technologies including PIN which is the part of the terminal.



Picture 3-5

3.2.13. MyQ Mobile print applications

Platform	Available for iOS and Android based mobile phones and tablets
Description	Application for job and printer management with possibility of direct print from the mobile device. The information about the available servers and login can be done by scanning the QR code which is placed on the front side of the printer.
Installation	By download from Apple App Store or Google Play
Supported devices	Devices with OS version: <ul style="list-style-type: none"> ▪ Android version 4.0 and higher ▪ iOS version 7.0 and higher



Picture 3-6

4. Business contact

MyQ® Manufacturer	<p>MyQ® spol. s r.o.</p> <p>Harfa Office Park, Ceskomoravska 2420/15, 190 93 Prague 9, Czech Republic</p> <p>MyQ Company is registered in the Companies register at the Municipal Court in Prague, division C, no. 29842</p>
Business information	<p>www.myq-solution.com</p> <p>info@myq.cz</p>
Technical support	<p>support@myq.cz</p>
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