

# PRINTING



Print and document solution



**PRIMON**

Print monitoring and controlling system

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"NO SOFTWARE IS EVER  
COMPLETE, NO TWO  
SYSTEMS ARE EVER  
PERFECTLY MATCHED,  
USER SATISFACTION  
CAN ONLY BE ACHIEVED  
THROUGH CONTINUAL  
DEVELOPMENT AND  
SUPPORT."

# Primon Philosophy

D

URING THE DEVELOPMENT PROCESS OF PRIMON, IT IS VERY IMPORTANT FOR US TO BE CAPABLE OF DELIVERING THE INDIVIDUAL REQUESTS OF OUR CUSTOMERS. ADDITIONALLY, OUR SYSTEM PROVIDES A COMPLEX SOLUTION, EVEN IN LARGE CORPORATE ENVIRONMENTS. OUR PRODUCTS FOLLOW THE FAST PACED TECHNOLOGY AND MEET THE REQUIREMENTS OF CURRENT SOFTWARE ENVIRONMENTS.

WE STRIVE FOR LONG-TERM CO-OPERATION WITH OUR PARTNERS AND, ACCORDINGLY, WE AIM TO MAKE THE PRICE AND OPERATION OF OUR SOFTWARE AS SUITABLE FOR PLANNING AS POSSIBLE. BY OBTAINING OUR LICENSES OUR CUSTOMERS ACQUIRE PERMANENT OWNERSHIP OF THE PROGRAMS. WE BELIEVE THAT GOOD, LONG-TERM RELATIONS ARE CONTINGENT TO MUTUAL SATISFACTION ALONGSIDE QUALITY OF SERVICE AND PRICES.

## OUR AIM:

- Continuous development and progress
- Unique and personalized developments
- Simple and user friendly applications
- Outstanding user experience
- Connection to corporate systems

# Primon Products

THE PRIMON SOFTWARE IS THE PROPRIETARY DEVELOPMENT OF COLORSPECTRUM LTD. PRIMARILY, IT IS A PRINT MONITORING AND CONTROLLING SYSTEM. HOWEVER, OVER THE PAST FEW YEARS IT HAS BEEN EXTENDED TO INCLUDE SEVERAL SERVICES BESIDE THE BASIC FUNCTIONS DURING THE PAST FEW YEARS, BASED ON OUR CUSTOMERS' NEEDS, FOR EXAMPLE, WITH DEVICE MANAGEMENT AND MAP HIERARCHY FUNCTIONS, WHICH HAVE BECOME ESSENTIAL TOOLS FOR IT OPERATORS. AND NOW, OUR SOFTWARE HAS GROWN INTO A COMPLEX PRINT AND DOCUMENT MANAGEMENT SYSTEM. DUE TO OUR SPECIAL APPLICATION FOR KONICA MINOLTA MULTIFUNCTIONAL DEVICES, WE CAN PROVIDE A CUSTOMIZED AND UNIQUE SOLUTION TO ALL OF OUR CUSTOMERS.

THE PRIMON PORTFOLIO INCLUDES A WIDE RANGE OF PRODUCTS, THEREFORE, WE CAN NOT ONLY SUPPORT LARGE INSTITUTES AND COMPANIES, BUT ALSO MEDIUM AND SMALL BUSINESSES. OUR APPLICATIONS ARE EMBEDDED SOLUTIONS, THEREFORE WE CAN ALSO PROVIDE SERVERLESS UNIQUE SOLUTIONS.

SERVERLESS  
SOLUTIONS:

**PRIMON**  
App

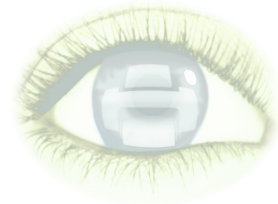
Primon Box App

**PRIMON**  
App **BASIC**

Primon Basic App

**Google** **CONNECTOR**

Google Connector



SERVER  
SOLUTIONS:

**PRIMON**  
App

Primon App

**PRIMON 6**

Primon Server 6.0

**PRISEC**

Prisec Modul

**PRIMON**




#### MAIN ADVANTAGES OF PRIMON PRODUCTS:

- Unique user experience
- Tablet-like handling
- Customized design
- Fast and direct support
- Can be easily integrated into existing IT environments
- The application interface can be translated into any language
- The program can be tailored to the customer's individual requirements



## PRODUCT COMPARISON TABLE

	 SERVER SOLUTIONS		 SERVERLESS SOLUTIONS	
Products	Simple Cardreader	Primon System with Primon App	Primon Basic App	Primon Box App
Authentication	✓ Card	✓ Card / PIN	×	✓ Card / PIN
Job monitoring	✓	✓	×	✓
Print controlling	✓ Follow Me	✓ Follow Me	×	✓ Box printing
Offline mode / Serverless mode	×	✓	✓	✓
Unique background and logo	×	✓	✓	✓
Print from SMB folder	×	✓	✓	✓
Enable / disable USB functions	×	✓	✓	✓
Bug & counter sending	×	✓	✓	✓
Google Connector	×	✓	✓	✓
Automatic reports	×	✓	✓	✓ Created by MFP
Saving job content with PRISEC Module	✓ Only print content	✓ Copy and, scan as well	×	×

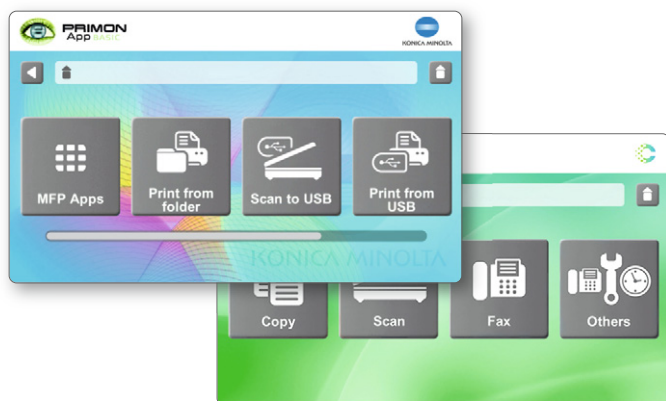
# Serverless solutions

## PRIMON BASIC APP

With the PRIMON Basic App, we can provide a unified, customized interface for our clients. Nowadays, multifunctional devices contain way too many functions and settings. This way, users find it difficult to work on the native interfaces of their devices. Thanks to our application, users can easily navigate around each screen. Therefore, time spent at the MFPs, as well as the number of user errors decrease significantly. The background image, and the top right logo can be designed for each customer. Also, the displayed menus and their order can be changed at any time.



We recommend the PRIMON Basic application for those micro, small, and medium businesses which are running a maximum of 3 multifunctional devices, and which would prefer a customized or a unique user interface. If the client would prefer to have authenticated work operations and reporting functions, then we recommend our PRIMON Box App product.



- Unique design
- Changeable background and logo
- Tabletlike handling
- Displayed menus and their order can be set according to device

The two most commonly used functions are copying and scanning. The PRIMON App includes more types of scan and copy menus, so all users can find the most suitable one for themselves.

#### Easy scan / Easy copy

Only the most necessary settings are displayed. Typically, 90% of users only need these setting parameters

#### Complex scan / Complex copy

All settings can be found in this menu.

#### Scan+ / Copy+

Separate scan/copy function – if the document can only be scanned in several installments (DADF or glass), then this function enables the user to create one file out of multiple scan jobs.

Blank page removal – this means that if there are blank pages within the scanned documents, then those are automatically removed.

Preview and deleting possibility – users can see the preview of the scanned pages (even in full screen mode), and can delete any selected page from the document

#### Address book handling (Scan menu)

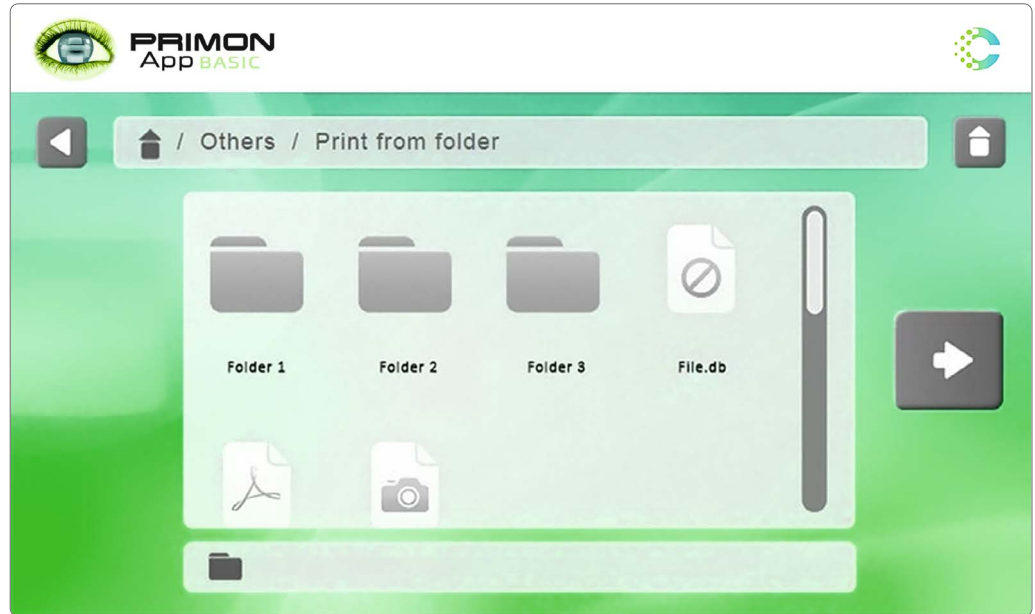
Each user can access a personal address book, which may hold email, SMB folder, WebDAV, and FTP addresses as well. Email addresses can also be entered manually.



The PRIMON application does not only simplify the default interface of the devices, but it also offers other expanded options.

#### Print from folder:

Users can select and print documents from a previously set SMB folder directly at the MFP.



#### Sending of reports in email (manually / automatically)

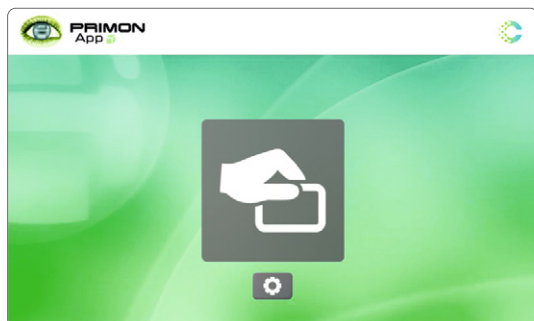
Users can report a problem, or order new toners through the interface of the application as long as they have the adequate rights. These reports are sent to a previously set email address.

In the administrator menu of the application, even automatic reports can be set. The application can send automatic toner level and counter reports to a previously set email address.





## PRIMON BOX APP



The login type can be card or PIN code:

Thanks to the PRIMON Box App, it is possible to have authenticated job execution and reporting function without a server. We especially recommend this product to customers with smaller device fleets, who prefer to have an overview of their usual print habits. This is also a great solution for geographically divided large companies, as it enables print controlling at the smaller branches without server and internet connection.

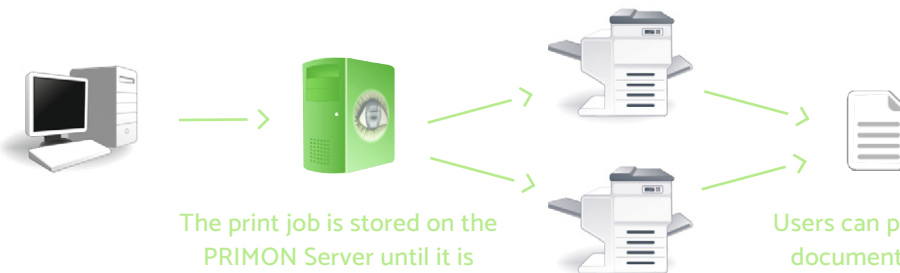
The user interface of the PRIMON Box App is basically just like that of the PRIMON App. However, due to the lack of any server in this case, the application can only be customized machine by machine – there is no connection between the multifunctional devices.

### Offline Box printing (PRIMON Box App):



Users can only print from those devices,  
where they are registered

### Follow-me printing (PRIMON Server 6.0 + PRIMON App):

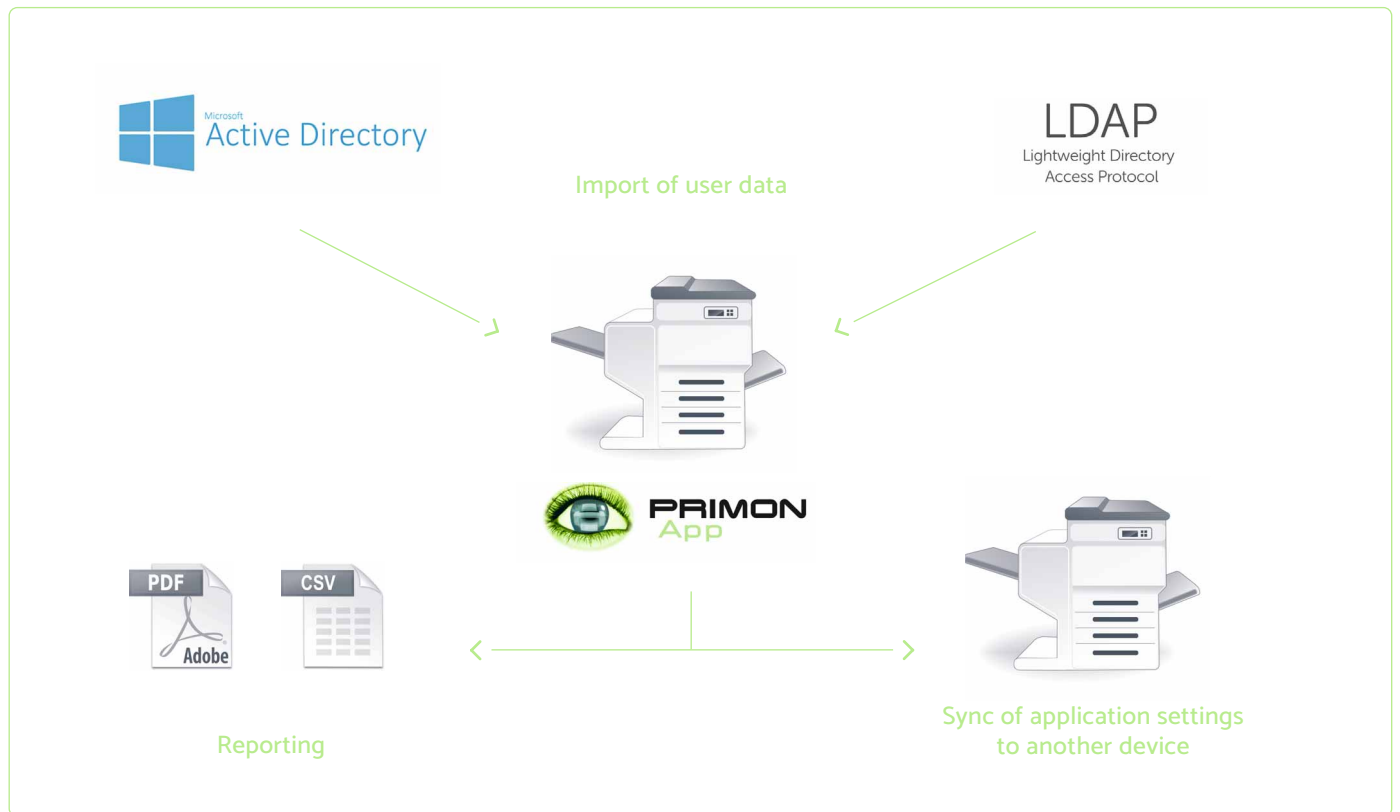
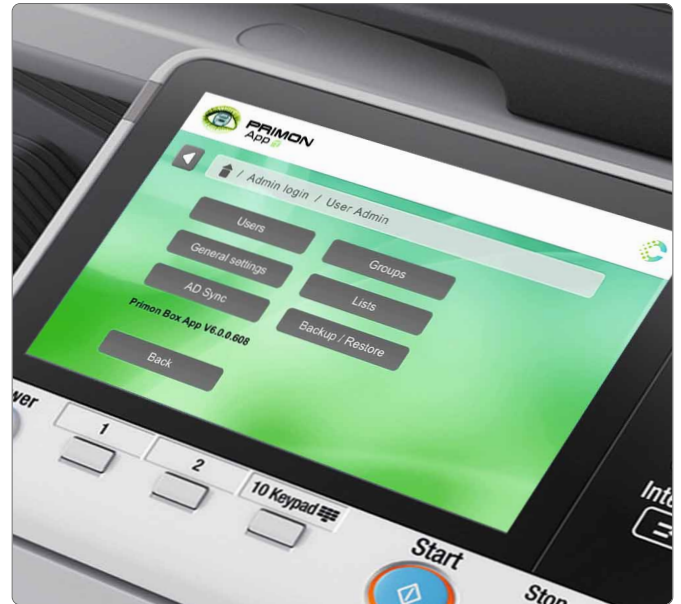


The print job is stored on the  
PRIMON Server until it is  
requested

Users can print the  
document from  
any MFP

The PRIMON Box App has its own administrator interface where users can be registered and all necessary settings can be implemented.

The install and setup process is so simple that it does not actually require any IT knowledge. The administrator can easily create different groups with dissimilar rights, and to which users can be assigned. Moreover, the reports can be found here as well. These are created by the MFP itself. It can create a PDF or CSV file format. The lists can be weekly or monthly based, depending on the customer's preference. The reports can be set for automatic sending. However, they can also be printed and sent manually at any time.



In order to make the user registration process easier for our clients, an AD / LDAP Sync is available in the admin menu. Thanks to this function, user data can be imported quickly and effortlessly. Users do not have to be added one by one.

Additionally, once the setup and configuration of a device is successfully finished, it is not necessary to repeat the process at another device, as the application settings can be exported via USB. Then the saved data can be imported to a different multifunctional device with just a few clicks after entering the correct security code.

## GOOGLE CONNECTOR — RECOMMENDED INSTEAD OF MOBILE PRINTING

Our Google Connector product is included in both the PRIMON App and the PRIMON Box App, however, it can be purchased separately as well. Users' Google Accounts are automatically assigned to their card or PIN code after the first login. Therefore the email address and password of the account only has to be given at first usage.



This connector application enables users to reach their Google Drive documents and folders directly from the multifunctional device. Naturally, they can print the supported files, and use several other functions.



- New folders can be created
- Preferred document can be found easily with the search function
- The files can be renamed and deleted
- It is possible to filter by file type (e.g. all PDF files)



It is also possible to share a link or a file. Link sharing is a great solution for sending large files. The sending is done via email, and users can even attach a text to the message if they wish.



New documents can be added by scanning. Users can choose JPEG, PDF or TIFF file type for the scanned document. The created file can then be found amongst your Google Drive documents right after.



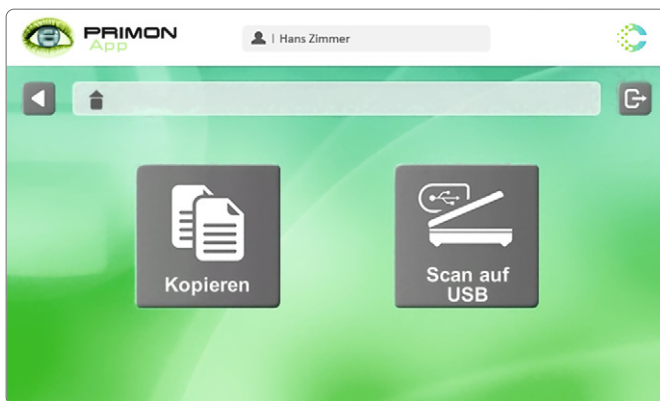
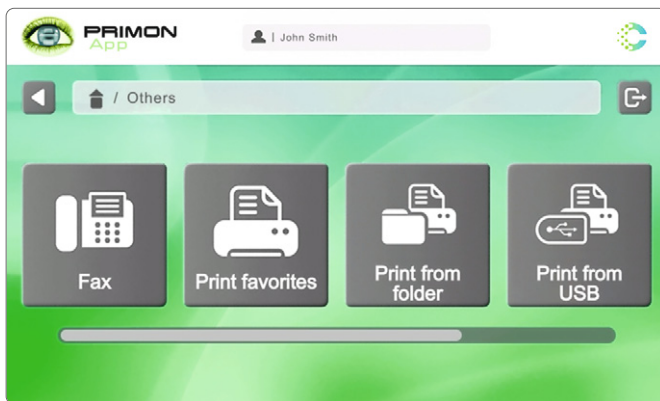
# Server Solutions

## PRIMON APP

The PRIMON App application is an embedded solution, which personalizes and simplifies the touch screen of Konica Minolta devices. It makes the basic functions easily accessible and even expands the functionality.

The whole system is easily adjustable and user rights can be given to every single function. After authentication the system welcomes the user with a personalized screen.

PRIMON is the proprietary software of Colorspectrum Ltd., but we would encourage our users and partners to suggest development ideas and requirements.



- The PRIMON App user interface can be set centrally on the PRIMON Server.
- The application settings may differ by user, or by hierarchy group.
- Even the display of menus and the application language can be set by users.
- In addition, each user can have access to a different SMB folder, and have a personal address book in the scan menu.

## CONNECTOR APPLICATIONS

A PRIMON application can be easily connected with the customer's document management, or ERP system. This way, the employees' workflows can be facilitated and shortened. We already have several connector applications, and the list is constantly expanding. If such solutions are interesting for you, then please contact Colorspectrum for more information.



TABLE OF SUPPORTED DEVICES WITH  
THE ESSENTIAL SUPPLEMENTS

	SUPPLEMENTS WITH ITEM NUMBERS				
Device types	UK-204	UK-211	LK-101v3	ME-1GB	EK-608 (+USB port)
Bizhub 224e/284e/364e	×		×		
Bizhub C224e/C284e/C364e	×		×		
Bizhub 454e/554e	×		×		
Bizhub C454e/C554e	×		×		
Bizhub 654e/754e	×		×		
Bizhub C654e/C754e	×		×		
Bizhub 227/287/367		×			×
Bizhub 308/368/458/558		×			
Bizhub C227/C287/C367		×			×
Bizhub C258/C308/C368		×			
Bizhub C458/C558/C658					
Bizhub 4050/4750			×		
Bizhub C3350/C3850			×	×	
Bizhub C3351/C3851		×			

## PRINT MONITORING

The PRIMON print management set-up performs full monitoring of the operation of the information technology environment, assesses the installed devices, determines their condition, and continuously monitors print jobs initiated by users.



### Client

- low resource requirement
- works with low-bandwidth networks as well
- for local and networked devices alike
- automatic software update and restart
- synchronisation with main database after connection errors

### Server

- open data storage
- central database for print jobs
- overview of the print environment at any time
- overview of the condition of print devices

### Web

- online access
- updated data available for review
- built-in and custom reports
- simple system administration

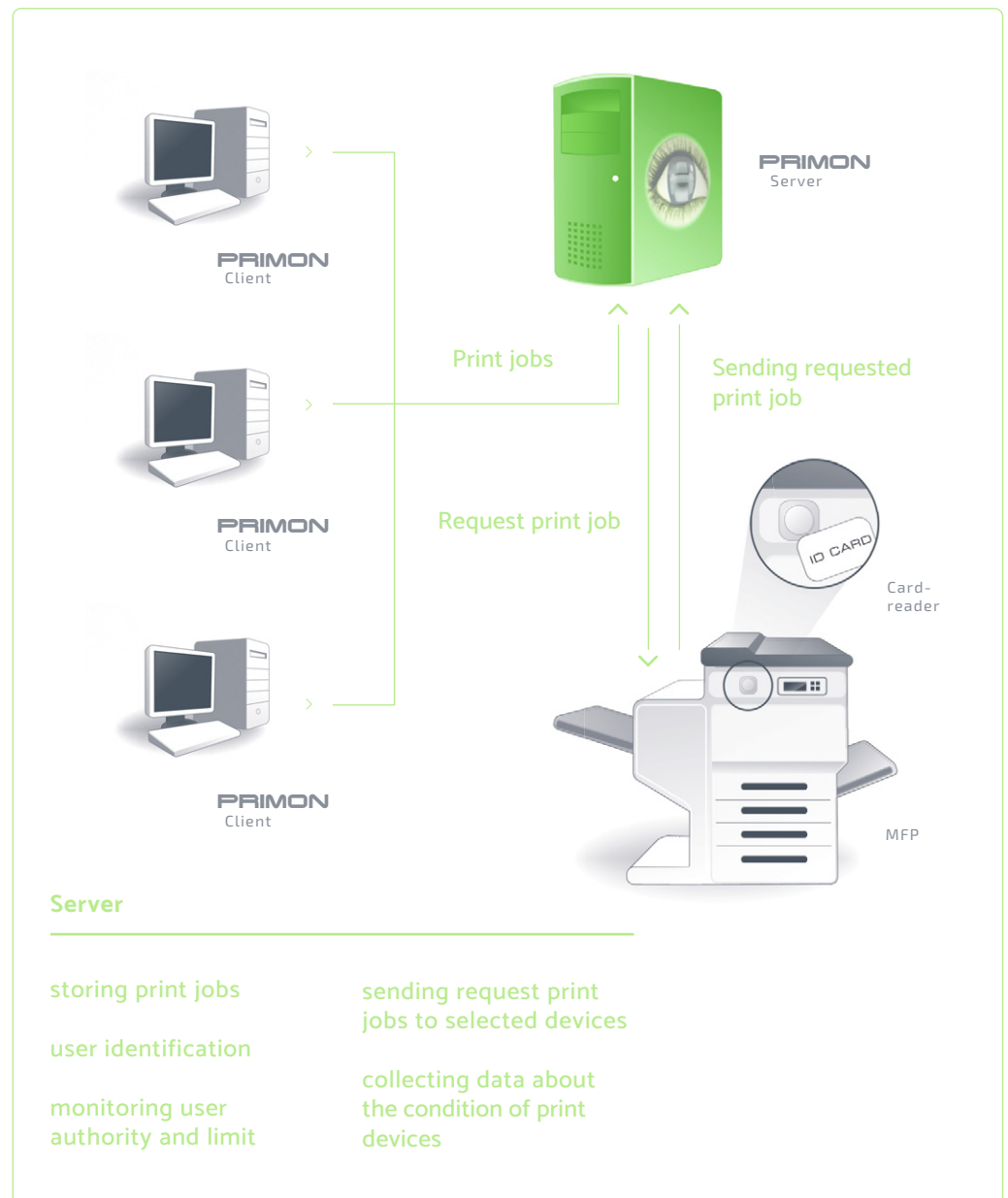
Logged data is immediately displayed on a Web interface with online access, where previous and current print environments can be tracked with precision.

It logs all essential print related information and saves it into a structured database, from where, using filters and sorting, necessary reports – even custom reports – can be retrieved.

## PRINT CONTROLLING

A print controlling function can also be added to the PRIMON print management system, which complements the print monitoring function.

This provides users with a more informal environment for accessing print jobs, and for collecting print tasks. In consequence, a more cost-effective, high-level of operation is established.



Users do not send their print jobs to mandated devices, but to all configured devices located in their environment at the same time via a so-called proximity printer. They can do all of this such that afterwards they themselves can choose the device through which they request their printouts (this is the so-called Follow Me or Pull Print capability)

## BENEFITS OF THE PRIMON SERVER

### MIXED ONLINE / OFFLINE ENVIRONMENT

It is not necessary to buy sub-servers for smaller branches, as the devices can synchronize with the central server once a day (at night). Until then, the data is stored on the device.

#### Devices operated in offline mode:

Does not require online server connection

Once a day synchronization

All functions are available (except for follow-me)

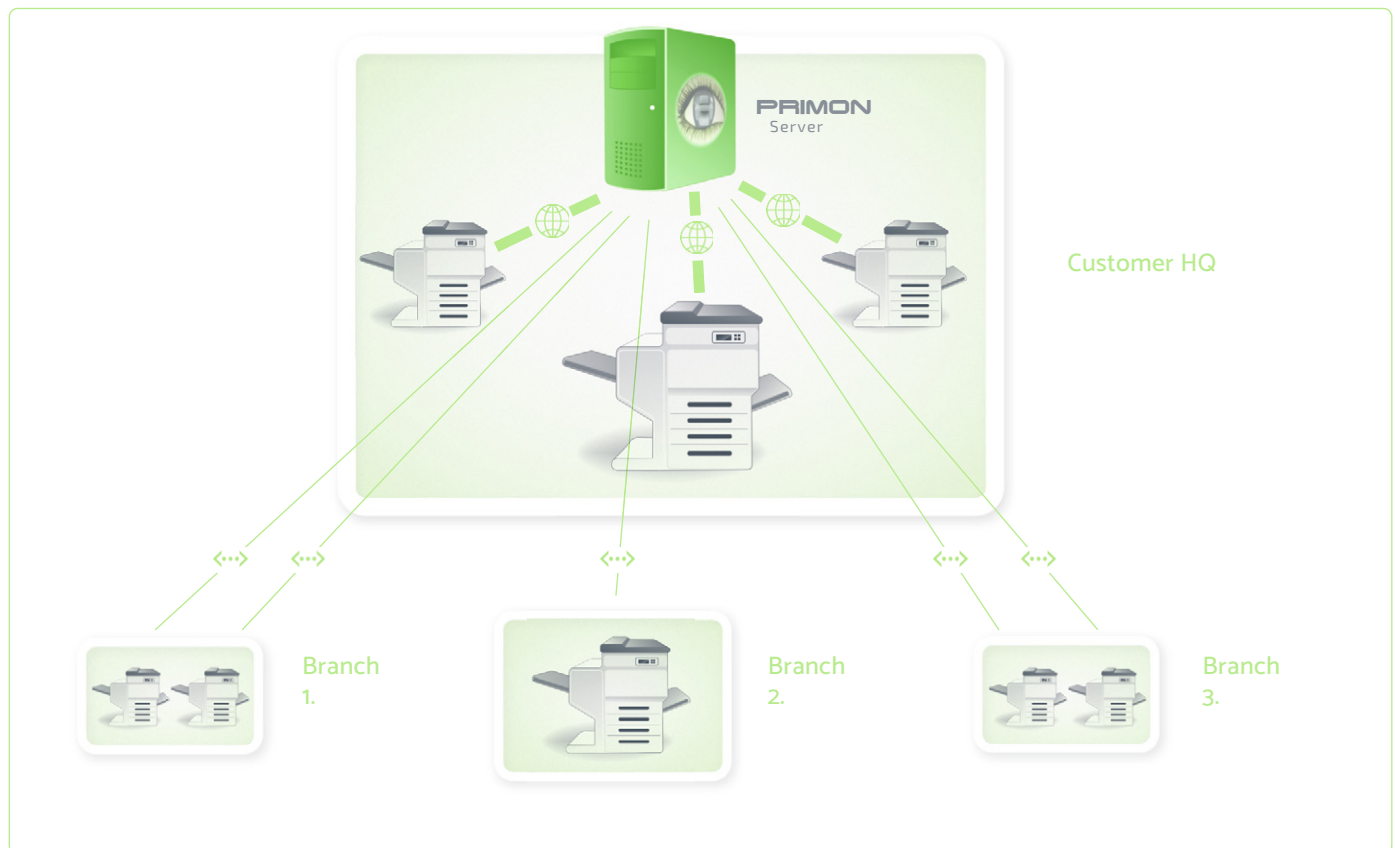
Direct printing can be avoided with offline box printing

#### Devices operated in online mode:

Online data connection

Full integration

Can be connected to any system online







## COMPLEX HIERARCHY MANAGEMENT

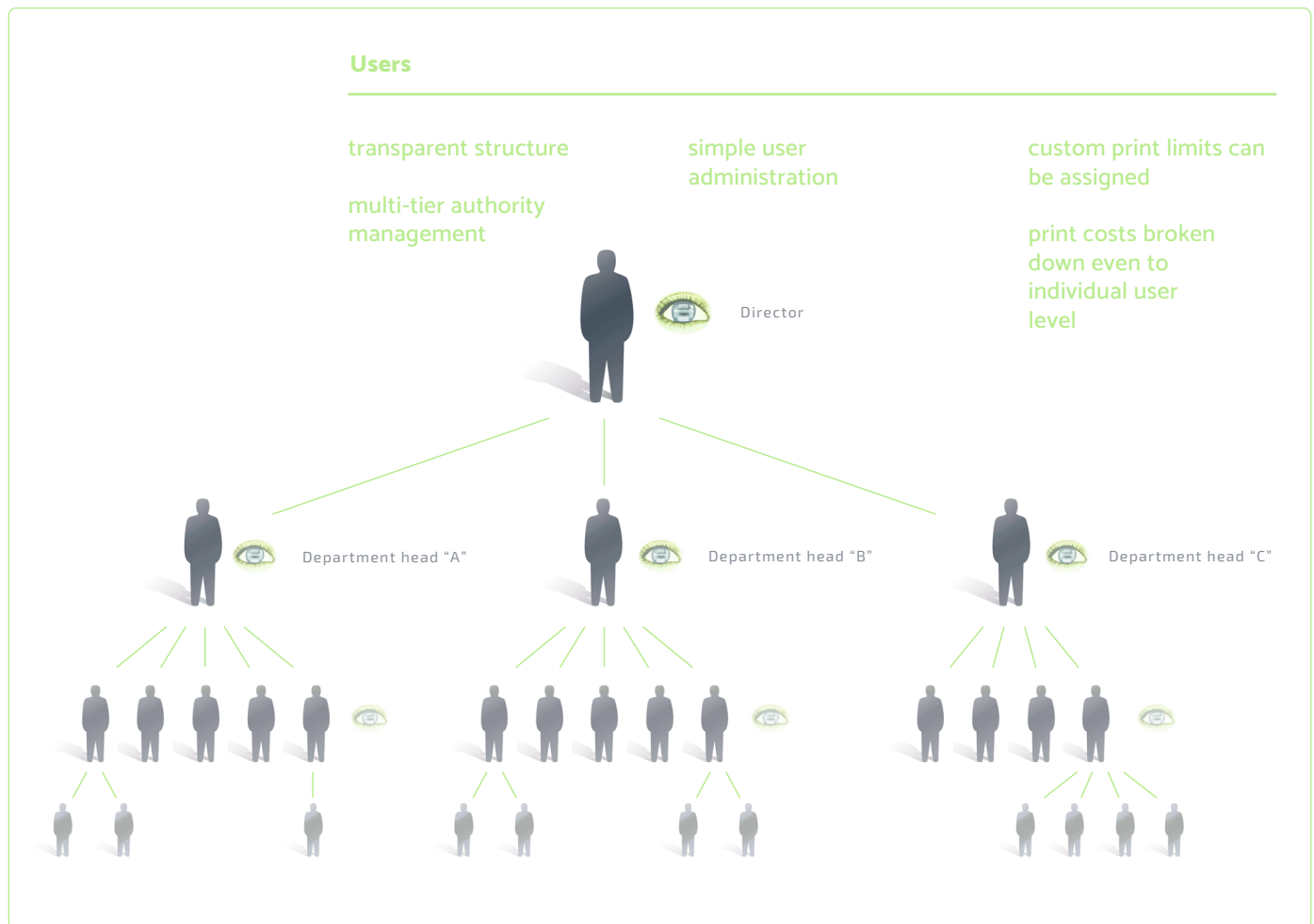
Just as with the statistical systems, the print management systems also process the applied data according to criteria. These sorting criteria stem from the nature of their use.

The two key factors concerning printing in a print management system are the user, who initiates jobs, and the device, which executes them. The PRIMON Print Management

System also allows for the application and display of a third factor, an individual hierarchy, which is the mapped hierarchy tracking and displaying the devices' area distribution.

### User Based Hierarchy

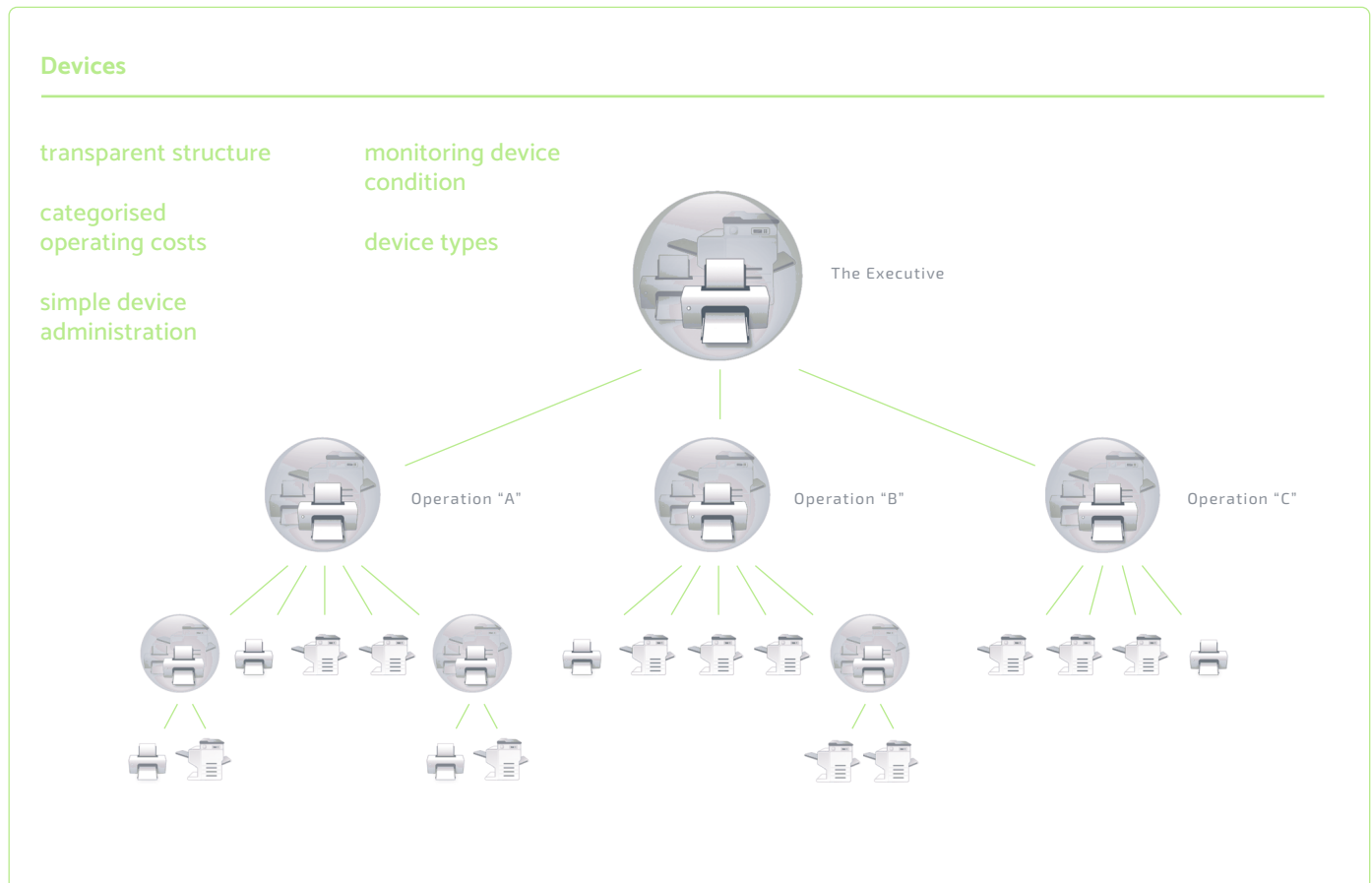
This provides detailed accounting (on a monthly or other basis) of costs - and the running costs of the entire printing environment can then be distributed to departments, teams or even individual employees.





## Device Based Hierarchy

Based on operating criteria, devices can be divided into groups. Just as in the case of the user hierarchy, i.e. multiple levels can be created (e.g. own devices or leased devices, small- or high-performance devices or printers operated by different service providers, etc.).



## Device management

Thanks to the device and map based hierarchies, device management is achieved to its fullest. On the one hand, our devices are centralized in one place, and can be provided with additional information on demand. For example about operational costs, who was responsible for what, own inventory number, contract data, etc. This way, the IT operator

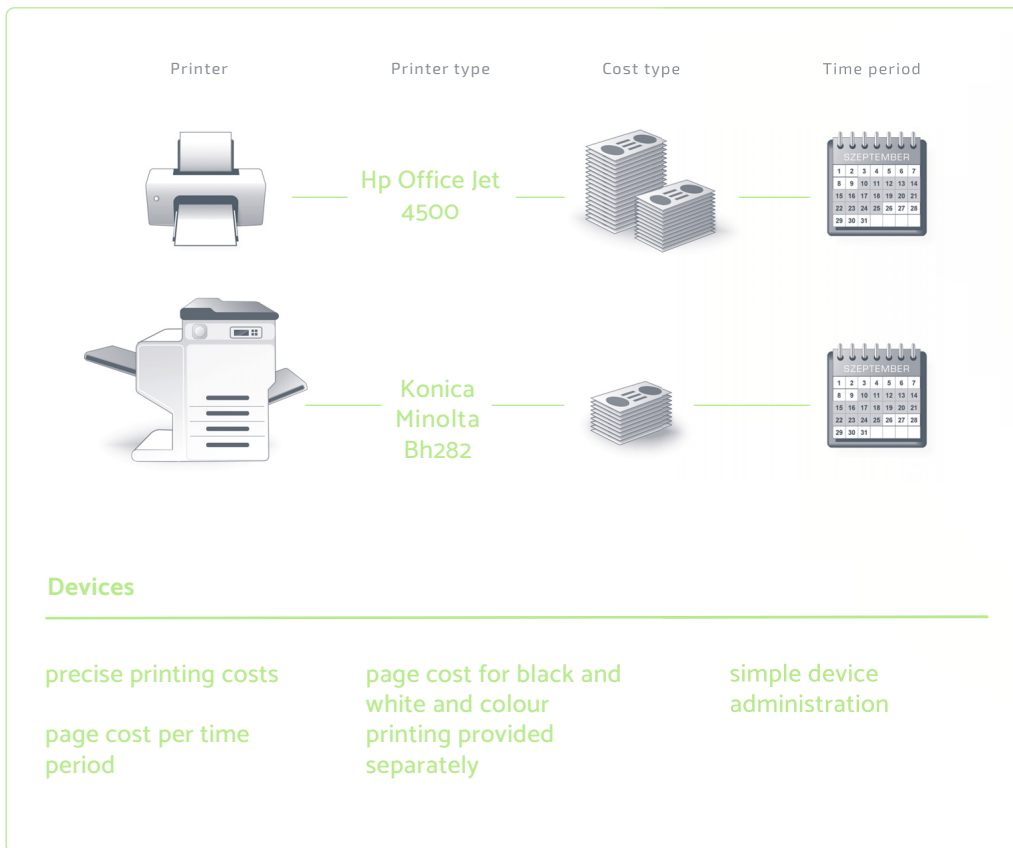
can supervise all operated devices from one place. On the other hand, device management is also realized from an availability point of view, as the lifetime of supplements and parts wearing down can be monitored and automatic reports can be set. Thanks to these functions, there are no unexpected events or forgotten reports.



### Map Based Hierarchy

Mapped hierarchy complements device hierarchy. It allows for operated devices, printers and copiers to be positioned within print management not only based on operational factors, but also based on their location. Maps and floor plans can be uploaded to the database, indicating where the devices can be placed easily afterwards.

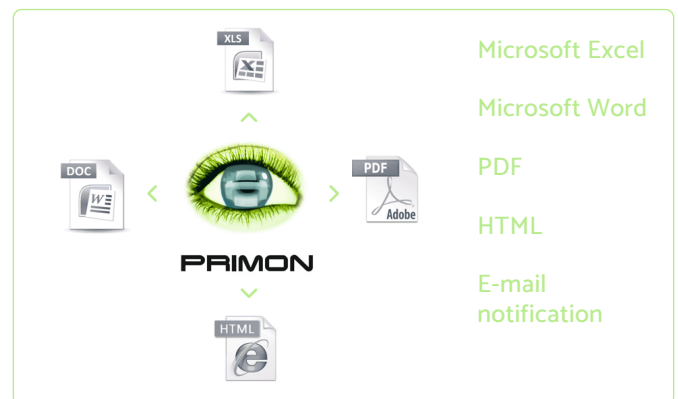




## REDUCING COSTS PER PAGE

One of the PRIMON system's most useful functions is that printing costs are not only trackable, but can also be drastically reduced.

The PRIMON Print Management System enables administration to provide click on fees, the costs projected to pages, and also by model, by product, or even by individual device. Using this master data and the appropriate multiplier numbers, the exact price of a job can be given.



## IMPORT

Print management systems are not separate modules; it is important in terms of their operation and statistics that logged data is suitable for alignment with the identifiers of other systems.

Print jobs come from an information technology environment; employees' corporate access cards might be managed in a security system database, while the employee hierarchy might be mapped in company management and employment software.

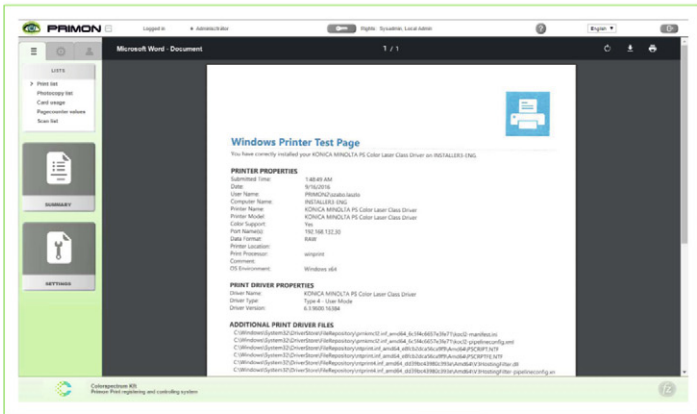
## EXPORT

Any monitoring and management system is only worth as much as the amount of usable data it can provide to its user. We strive to meet this requirement to the maximum. Accordingly, the PRIMON Print Management System contains a general export module, which makes it possible for users to extract the most complete statistical and detailed data as possible.

## PRISEC MODULE

The PRISEC module is the security add-on for the PRIMON system. It allows you to log not just the properties of print jobs, but also their content. It is an ideal addition for clients who need a safe environment with no data leaks. This functionality not only takes statistical accuracy to a higher level, but also enhances the IT security and certainty. The users

will not experience any changes while performing their everyday tasks, as the device performance is not decreased at all. In the meanwhile, the embedded services can not only save any print content which was handled by the system and which was handled by the print server, but also any content sent from local devices (even connected by USB).



The screenshot shows the PRIMON PRISEC module interface. On the left, there's a sidebar with 'LISTS' and 'PRINTERS'. The main area displays a 'Windows Printer Test Page' with printer properties and additional print driver files. Below this, a table lists print jobs with columns for Device, User, and Document. A green circle highlights the 'Microsoft Word - Document' entry in the table.

Device	User	Document
IONICA MINOLTA 227SeriesPCL	User	Copy+ Print (2024)
IONICA MINOLTA 227SeriesPCL	User	Copy+ Print (2024)
IONICA MINOLTA 227SeriesPCL	User	Copy+ Print (2020)
IONICA MINOLTA 227SeriesPCL	User	Copy+ Print (2020)
IONICA MINOLTA C308SeriesPCL	User 2	Copy+ Print (2052)
IONICA MINOLTA 227SeriesPCL	User 2	Copy+ Print (2017)
IONICA MINOLTA C308SeriesPCL	User	Microsoft Word - Document
IONICA MINOLTA C308SeriesPCL	User 2	Microsoft Word - Document
IONICA MINOLTA 227SeriesPCL	User 2	Copy+ Print (2014)
IONICA MINOLTA 227SeriesPCL	User 2	Copy+ Print (2012)

Files saved by the PRISEC module are exact copies of the original documents, secured with a digital stamp. The restoring module creates PDF files out of the saved content, which can then be viewed on the PRIMON web interface by users with the administration rights.

Naturally, it is possible to set your PRISEC level observation in terms of user or hierarchy group. Therefore, there can be observed and unobserved users in the system. Copy and scan jobs are saved by the CopyS and ScanS modules, so the PRIMON application is indispensable for this function.

The user interface of the App is almost the same for the observed users. The only difference is that for these users, only the Copy+ and Scan+ functions are available in the copy and scan menus.

# Version tracking and SLA

We provide version tracking and service support as part of all of our products. The rapid development of information technology requires us to keep up and improve continuously. If they obtain a valid version tracking contract, our clients always receive our latest developments, ones which meet the current IT requirements. Our SLA contract ensures smooth operation, and accelerated problem solving to any of our clients who require a higher level of maintenance.

Services	NO CONTRACT	VERSION TRACKING	SLA
Access to manuals and videos on the portal (in English and Hungarian languages)	✓	✓	✓
Problem reporting on the portal	✓	✓	✓
Tracking of repair processes on the portal	✓	✓	✓
Free version tracking for one year	✓	✓	✓
Possibility to download the new software versions	✗	✓	✓
Access to new functions for free	✗	✓	✓
Opportunity to send messages with individual needs, and development suggestions	✗	✓	✓
Troubleshooting with guaranteed response and solution time	✗	✓	✓
Accelerated troubleshooting and solutions	✗	✗	✓
Free problem solving (independent of time duration)	✗	✗	✓



**PRIMON**

INNOVATIVE AND SMART  
SOLUTIONS.





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