YSoft SafeQ
Print Management

✎ Category

Security

✎ Characteristics

- Print security
- Device access control
- Data leakage prevention
- Document security

ACCESS CONTROL & JOB TRACKING
TO PROTECT CORPORATE DATA

Security and data protection are among the most important challenges for businesses and corporate environments. The biggest risk remains uncontrolled access to company equipment as well as sensitive and confidential information. YSoft SafeQ dramatically reduces this and other risks, as all print, copy and scan operations can be tracked and user access to output devices centrally controlled and restricted.

YSoft SafeQ offers a perfect solution to all organisations wanting to keep track of the "who/what/where/when" throughout their printing environment. Each user has to authenticate before gaining access to a print device, which effectively eliminates any uncontrolled access to printed documents. For maximum user convenience of the authentication process, different authentication methods are supported, such as username/password, PIN and ID cards. In addition, YSoft SafeQ greatly facilitates the administrator task of centrally assigning individual access rights to different employee roles.

Thus it is a mere matter of minutes to provide the company's senior management with access to all printers and their full functionality, regardless of location or subsidiary;

whereas a clerk in the financial department, for example, only receives limited access to certain printer features, such as monochrome and double-sided printing, and only to the departmental devices.

By offering central tracking of user activities and convenient definition of user access rules, YSoft SafeQ effectively answers businesses' security requirements with its combination of print security, device access control and document security capabilities.

KEY **FEATURES**

◢ Print security

- **Administrator-controlled user access:** The administrator allocates and manages user access rights to ensure that only registered users have access to the multifunctional devices.
- **Secure print-job release:** Different authentication options for print-job release allow printing and scanning only after the user has identified himself directly at the output device.
- **Follow-me printing:** Registered users can release their print jobs on demand at any networked device and do not need to specify a certain output device in advance.

◢ Device access control

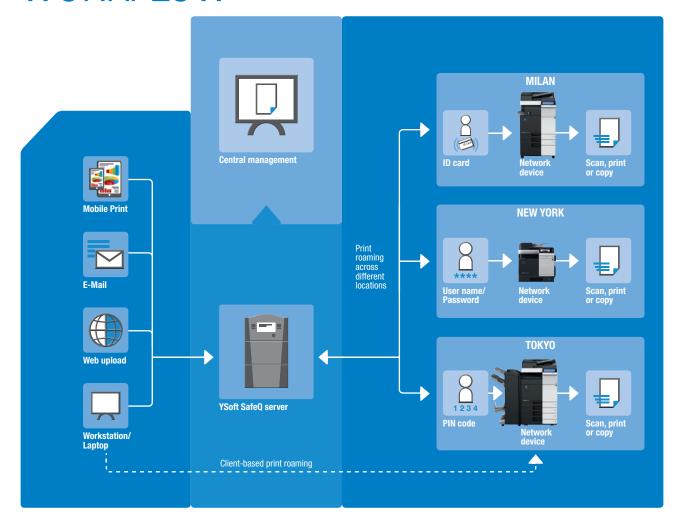**Supported authentication methods:**

- **Authentication by ID card:** Rather than having to type in login details every time, users can conveniently log on via ID card and connected card reader (option).
- **Authentication via PIN:** Registered users receive their own, unique PIN to log on to the printing network.
- **Authentication via username and password:** With this method, users have to authenticate at the device with their own username and password, which are verified against the Active Directory.

◢ Document security

- **Secure access to personal documents:** Users access their print jobs by authenticating at their chosen output device via username and password, PIN, or ID card. Only after authentication can print jobs be produced, ensuring that no prints are left unattended in output trays from where they might fall into the wrong hands. The physical security is thus maximised.
- **Document encryption:** Via the YSoft SafeQ client, the entire document transmission can be encrypted to prevent data theft – from the client's workstation to the YSoft SafeQ server, and from the YSoft SafeQ server to the output device.

WORKFLOW

Central management

Mobile Print

E-Mail

Web upload

Workstation/ Laptop

YSoft SafeQ server

Client-based print roaming

Print roaming across different locations

MILAN

ID card

Network device

Scan, print or copy

NEW YORK

User name/ Password

Network device

Scan, print or copy

TOKYO

PIN code

Network device

Scan, print or copy

TECHNICAL **SPECIFICATIONS**

RECOMMENDED HARDWARE

Memory	8 GB free RAM
Hard disk space	100 GB free disk space (after installation)
	Appropriate connection to storage, for example with a throughput of at least 150MB/s and 300 IOPS for 50 devices; please contact your service representative for your individual requirements
CPU	Dual Core 2 GHz processor or higher
Network	1 Gbit/s
Additional information	Alternatively, installation in a VM with at least 2 cores and memory reservation set to the full amount of RAM allocation

OPERATING SYSTEMS

Operating systems	Windows Server 2008 (32/64)
	Windows Server 2008 R2 SP1 (32/64)
	Windows Server 2012 (64)
	Windows Server 2016 (64)

SUPPORTED LANGUAGES

User interface	YSoft SafeQ Client:
	English, French, German, Spanish, Chinese (simplified/traditional), Czech, Hungarian, Japanese, Polish, Russian, Slovak, Catalan, Croatian, Danish, Dutch, Estonian, Finnish, Greek, Indonesian, Italian, Kazakh, Korean, Latvian, Lithuanian, Malaysian, Norwegian, Portuguese (Brazil/Portuguese), Romanian, Serbian (Latin/Cyrillic), Slovenian, Swedish, Thai, Turkish, Ukranian
	External and Embedded Terminals:
	English, French, Italian, German, Spanish, Bulgarian, Chinese (simplified/traditional), Croatian, Czech, Danish, Dutch, Estonian, Finnish, Greek, Hungarian, Japanese, Kazakh, Korean, Latvian, Lithuanian, Norwegian, Polish, Portuguese (Brazil/Portuguese), Romanian, Russian, Serbian (Cyrillic/Latin), Slovak, Slovenian, Thai, Turkish, Ukrainian, Arabic, Hebrew, Indonesian, Malaysian, Catalan, Swedish
Admin interface	English, French, German, Italian, Spanish, Chinese (simplified), Czech, Danish, Hungarian, Japanese, Polish, Portuguese (Brazil/Portuguese), Romanian, Russian, Slovak, Turkish, Dutch

The support and availability of the listed specifications and functionalities varies depending on operating systems, applications and network protocols as well as network and system configurations.