

# T-Mobile

Y Soft intelligent print management for Enterprise



Making the MFPs think...



## The challenges:

- Achieve full control followed by cost savings in enterprise
- Allow the central realization of all printing and copying operations without work flow disruption in whole building of company
- Provide high security of printing operations
- Monitor the capacity of printing equipment with a goal to further optimize the printing environment

## The solution:

- Usage of Xerox WorkCentre Pro 238 and WorkCentre Pro 3545, equipped by with YSoft SafeQ and RightFax
- The YSoft SafeQ configuration was built on two powerful servers working in an application level cluster (YSoft SafeQ Enterprise)
- User authentication at MFPs is done on YSoft SafeQ Terminal Professional

## The results:

- Allocation the cost for reprographic services for projects, cost centers, equipment or users.
- The current print and copy volume managed by YSoft SafeQ in T-Mobile is 300 000 pages per month.
- Reduction of printing cost by 10%, while increasing the quality of services for all users.

“Due YSoft SafeQ, T-Mobile succeeded in using all advantages provided by network printing. Volume of printing operations already has been reduced by simply being able to monitor usage!”

- Katerina Šuvarinová, Director of Sales Support and customer service.



Business  
Innovation  
Partner

### Customer profile

T-Mobile is one of the largest providers of mobile phone services in the world. It has 125 million clients in the Czech Republic, Croatia, Hungary, Germany, the Netherlands, Austria, Slovakia, Great Britain, the USA, Macedonia, Montenegro and Poland. With 5 million clients in the Czech Republic, T-Mobile is the largest mobile provider in the country. Since 1996, when it was founded, the company has placed emphasis on the quality of offered services to its clients and excellent customer care. For its services, the company uses GSM technology, TDD and now the third generation network. In 2009 it began to offer ADSL connections. T-Mobile works with more than 400 providers around the world and provides excellent services in roaming to its clients. Its clients can count on high availability of services worldwide, which they are familiar with from home, and can use them at flat and very reasonable call prices.

### The challenge

#### Achieving full control followed by cost savings and high security printing operations:

T-Mobile Czech Republic is located in a multistory modern building, which concentrates 1,600 employees across various departments and qualifications. The company has achieved a high employee productivity by providing a highly professional work environment and at the same time it has placed emphasis on costs.

The printing and reprographic services may serve as an example. The company's management decided to use a large concentration of employees in one building to introduce a single, centralized system for printing and copying operations. The aim has been to achieve full control followed by cost savings which comes from a single management and optimization of print and copy operations. When assessing possible solutions, T-Mobile additionally defined a need for high security printing operations.

T-Mobile need a solution, which would allow the central realization of all printing and copying operations without work flow disruption and also to ensure protection of processed print jobs. Furthermore, there was a need to monitor printing operations, publish results in a transparent form, and monitor the capacity of printing equipment with a goal to further optimize the printing environment



“To maintain and increase competitiveness in telecommunications. It is not only necessary to come up with new products and innovations, but simultaneously optimize the effectiveness in our operations. An optimization of costs and maximum security printing and copying operations is one of our major priorities in this area.”

- Katerina Šuvarinová, Director of Sales Support and customer service.

## The solution

### Xerox and YSoft SafeQ solution for Enterprise

After a detailed evaluation of the proposed solutions, T-Mobile decided to use Xerox WorkCentre Pro 238 and WorkCentre Pro 3545, equipped by with YSoft SafeQ and RightFax. The YSoft SafeQ configuration is built on two powerful servers working in an application level cluster (YSoft SafeQ Enterprise). It achieved further significant savings in cost by the centralization of printing services. The reason for using a clustered solution was to ensure uninterrupted printing services and allow for load balancing among servers in the cluster.

### YSoft SafeQ Terminal Professional

User authentication at MFPs is done on YSoft SafeQ Terminal Professional. It includes the same card reading technology used for building access eliminating the need to introduce a second card specifically for reprographic services. All print transactions are now secure and released only after user authentication at the given device. Additionally, employee productivity is increased with the YSoft SafeQ Follow-me function. Through this service the user sends a print job to print and subsequently it can be picked up at any multi-functional device.

### Tracking & Reporting

A part of the solution as well as standard report output was customized reporting, which was prepared according to the needs of this project and allows allocation of load exactly according to customer needs. Additionally, reports include time devices are used and monthly assessment of costs per cost center.

## The results

The company uses the system for further optimization of the printing environment so that all facilities are used efficiently. YSoft SafeQ provides the necessary data in an easy to read format allowing T Mobile to address areas to further optimized costs.

The proposed solution has helped the company to allocate the cost for reprographic services for projects, cost centers, equipment or users. The current print and copy volume managed by YSoft SafeQ in T-Mobile is 300 000 pages per month. The convenience of that YSoft SafeQ brought T-Mobile a reduction of printing cost by 10%, while increasing the quality of services for all users.

## Benefit at a glance

### Tracking & Reporting:

- Track and account all printing and copying operations
- Improvement of employee productivity

### Print Queue Management:

- Optimize the printing environment
- Lower costs for printing and copying

### Security & Rights Management

- Ensure security of confidential documents
- Simplify print system management

## Solution specifications

### Server:

MS Windows 2003/2008 (R2) Server Standard/Enterprise Edition (32/64bit), Linux (2.6 core; Red Hat Linux 9, Enterprise or newer, Fedora Core Linux 1 or newer, Debian Linux 3.1, Suse Linux or SLES)

### Data base:

Embedded MS SQL Server 2008 Express Edition, MS SQL Server 2005/2008 Standard, MS SQL Server 2005/2008 Enterprise Cluster, MS SQL Server 2005/2008 Enterprise, (Embedded) PostgreSQL Database 8.4

### Workstation:

MS Windows 98/ME, MS Windows NT 4, MS Windows 2000/2003/2008 Server Standard Edition, MS Windows 2000 Workstation, MS Windows XP, MS Windows Vista/7 (32/64bit)

### Learn more about YSoft SafeQ:

www.ysoft.com  
www.safeq.eu

*Working together...  
getting results.*

**Together we can.**

