



CASE STUDY

PrinterOn Enterprise provides mobile printing for employees and guests with support for pull printing, integration with a central Active Directory and print management system.

Benefits & Results

The project addressed the following key business issues:

- ✓ Provide managed print workflows for both employees and guests with a single server integrated with print management.
- ✓ Centrally managed print infrastructure reduces support costs.
- ✓ New modern infrastructure to provide email and mobile app print workflows.
- ✓ Integrate with a large central Active Directory of nearly 100,000 users and perform user lookup services in under 1 second identifying guest users versus employees.
- ✓ Provide a single solution that offers pull printing capabilities where users can release documents with a proximity card and guest users can release with a secure release code.

Customer Profile

A global telecommunications organization that operates numerous corporate offices across Europe which are managed and serviced by a single centralized location.

Challenge

The objective of this project was to implement a [Mobile Cloud Printing Platform](#) that provides mobile printing to employees by allowing them to print from any device to nearly any printer. The project also required integration with a 3rd party print management solution to manage print output and provide pull printing capabilities.

In addition to corporate print services, the solution was required to support guest printing which included providing the ability to identify non-employee users and offer different print workflows based on the users' identity. The solution also needed the ability to integrate with an Active Directory containing over 100,000 users and identify guest users with minimal or no impact on processing times.

Solution

PrinterOn Enterprise was deployed at a single central data center. The solution was deployed and configured in a very short time period despite the complex requirements. PrinterOn received a request to deploy, collected the customer requirements and prepared for the installation all within 1 week. The actual installation and configuration was completed in under 1 day.

- The PrinterOn Enterprise service integrates with the corporate email server to provide email printing.
- PrinterOn Enterprise integrates with a single corporate-wide Active Directory server to provide user authentication and identification of guest users.
- Email printing includes the ability to identify guest users or employees and modify the print workflow based on the type of the user.
- User lookup is performed against the large single Active Directory in under 1 second per job.

- [PrinterOn's Enterprise Printing Solutions](#) integrate with a print management server that offers pull printing capabilities across the remote offices.
- PrinterOn Enterprise creates print jobs and instructions for the print management server to allow users to interact with the server on a large number of MFPs across the network and identify their jobs.
- Based on the user type, users are offered two secure methods of releasing their print jobs.
 - employees are offered the ability to release print jobs using their user credentials
 - guest users are offered the ability to release print jobs using a PrinterOn supplied release code

Future Plans

In the future, the print servers may be extended to expand the installation and provide support for new [mobile printing](#) workflows.

For more information:

acd-inc.com/printeron

Deployment Architecture

PrinterOn Enterprise was deployed at a single central data center providing employees and guests with the ability to print from any mobile device.

Integration with the Active Directory provides user authentication and identification of guest users.

Additional integration with the print management server offers pull printing capabilities across remote offices.

