

Biometric Print and Copy Release with PaperCut MF and BioStore

PaperCutMF

BioStore Identity Management

Introducing PaperCut MF Print and Copy Release with BioStore Identity Management

The BioStore solution for print and copy release is fully compatible with the 'Find Me' print process in PaperCut MF which allows users to submit print jobs to a virtual queue and then release from their desired multi-function device (MFD).

A BioStore IDPoint terminal, with embedded card and biometric readers, is connected via USB to an MFD running the PaperCut embedded application and is also connected to the network via a LAN port. The identification method to be utilised by each user for a particular application is set in BioStore's IDManager console. The user can then simply confirm their identity at their chosen MFD by placing their finger on the biometric scanner of the IDPoint terminal or alternatively, by entering a PIN or swiping a card. The user's encrypted identification template is then compared and identified and BioStore communicates the user's credentials to the print server. The print server then logs the user into the chosen MFD where they can print, copy or scan based on the rules set in PaperCut MF.

BioStore System Architecture

The basic BioStore infrastructure consists of a Primary Server connecting to a biometric database. This Primary Server can be linked to a data source such as an organisation's MIS so that user records are automatically created in the database (records can also be manually created).

BioStore's management console (IDManager) is then used to enrol a user's biometrics, card details or PIN credentials into the system.

Active Directory Integration

BioStore contains a built in Active Directory synchronisation module. This allows a link to be set up between each user's record in the BioStore database and the equivalent record in AD so that BioStore can utilise the AD credentials for each user.

Features and Benefits

Security By utilising PaperCut MF and BioStore identity management all users are assured that their documents are not released until they identify themselves at the device.

Biometrics take this security further as the user is uniquely identified and another user's card or PIN cannot be used.

Control PaperCut MF allows organisations to set rules which dictate how jobs are routed. These could be by enforcing mono and duplex printing for particular jobs, deleting unreleased jobs after a particular time period or re-routing large volume jobs to the reprographics department.

Cost Savings & Environmental Benefits

Setting rules as outlined above can dramatically reduce the volume of documents an organisation produces.

This reduction can bring considerable cost savings as well as environmental benefits.

How Biometrics and PaperCut work?

Users scan their fingerprint on the biometric scanner on the IDPoint terminal which is connected to the MFD. The fingerprint information is then sent via the network to the biometric software running on a server which is then looked up in the biometric database and verified as a user on the network.

Each verified user has a unique ID number associated with their account which is sent through the network back to the IDPoint terminal (bioscanner) which in turn sends it via a USB connection to the MFD. If the ID number matches one stored in PaperCut the user is then logged into the embedded software.

IDPoint Specification

- **CPU: 400MHz processor**
- **70 x 40mm LCD Mono Screen**
- **Red/Green LED Indicators**
- **Weight: 460g**
- **Dimensions: 185 x 135 x 40mm**
- **Power: 5v DC 2A**
- **Ports: Ethernet, USB**
- **Integrated Biometric proximity or smart card reader**
- **Identification time: 2 seconds**



IDPoint can be wall mounted or attached directly to an MFD. Alternatively ITS can supply a dedicated floor stand if required.