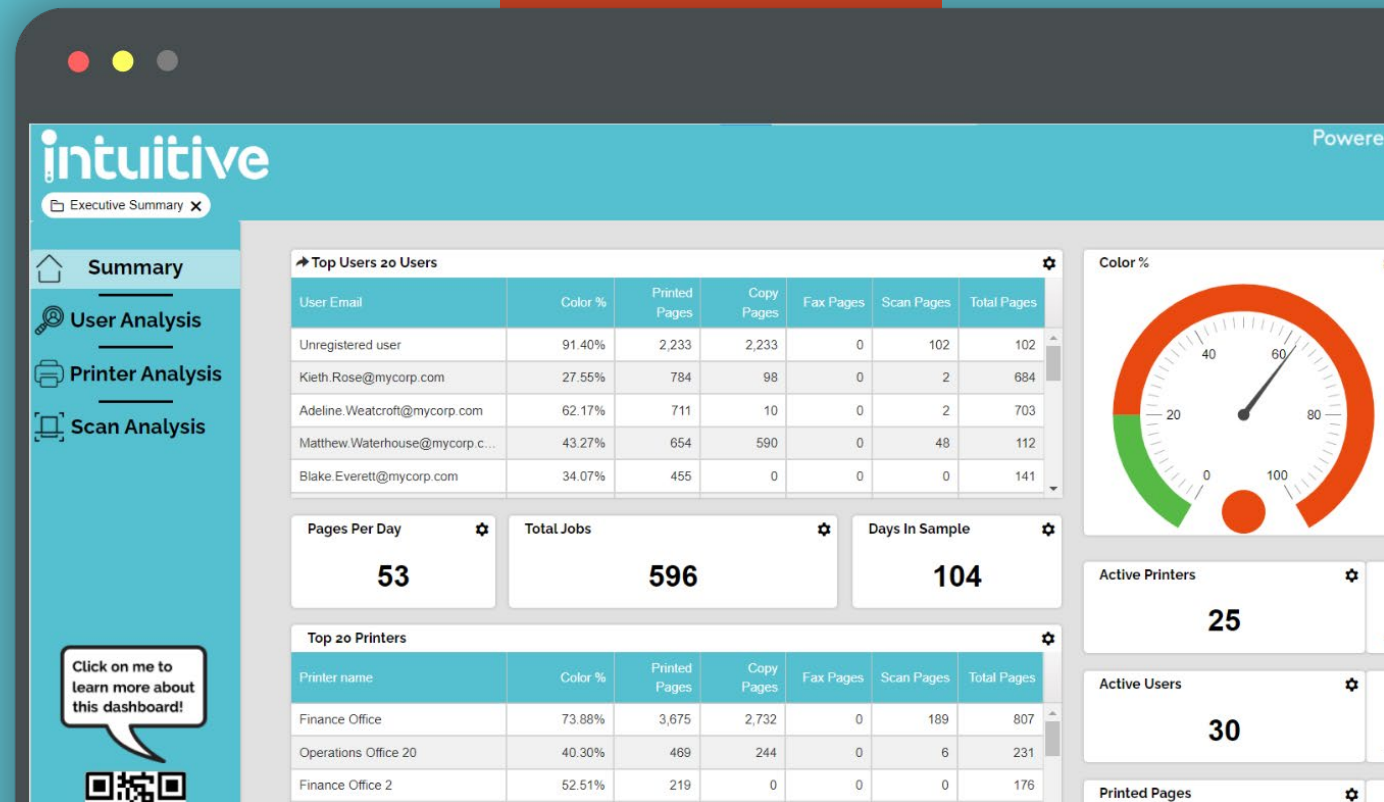


intuitive

Intuitive for PaperCut MF v3.0

Everything you need to know about the new version of Intuitive for PaperCut MF



Intuitive for PaperCut MF v3.0

Intuitive Dashboards enable you to harness the data stored within your PaperCut MF print management software by presenting a visual & dynamic data summary for all key stakeholders, ensuring you can easily manage and control print usage and spend.

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Maximise the returns on your investment in Print Management Software

- Visualise what's happening to your print, scan and copy volumes
- Ensure you are looking at the latest available data for quicker decision-making
- Reduce the time taken to manually produce and distribute reports
- Provide easy to understand data in dashboards and share with colleagues
- Identify where print files are generated, by device, department, location, user and application
- Drill down to see detailed analysis of top print jobs, top users, under and over-utilised devices
- Understand cost and overall print volumes and compare over a rolling 2-year period.
- Understand the environmental impact of your printing (CO2 produced / energy consumed / trees consumed)
- Use the dashboard data to identify opportunities for digital transformation

Pre-integrated Dashboards

Intuitive for PaperCut MF dashboards are pre-integrated, meaning you will be up and running within hours. The solution can be further tailored to your needs by our Professional Services team.

If you prefer, you can also customise the solution yourself using a dashboard designer license. This allows you to build further dashboards using the intuitive drag and drop graphical interface

Sharing Information

Intuitive for PaperCut MF enables IT and facilities teams to analyse usage across the organisation, keep costs under control and understand where best to deploy resources.

At the same time, dashboards can be shared with key stakeholders which only shows the data they are interested in e.g. The Head of Finance would only see print usage of the finance department. Each user is recognised when they log in so that they see relevant content and are given appropriate access rights.

Additional Integrations

Print Management integration is just the start. Intuitive Dashboards can be expanded to integrate into your HR, Finance & Document Management systems. Intuitive has a portfolio of integrated solutions to make your expansion as easy as possible.

Solution Overview

The Intuitive for PaperCut MF solution takes advantage of the data integration features of PaperCut MF which are available in release v20.0 and beyond. The dashboard solution is deployed onto a Windows server which can be a physical, virtual or hosted platform. The Intuitive solution may also be co-hosted with your PaperCut MF application.

The PaperCut MF Data Integrations feature produces daily data files detailing:

Print usage

New or updated users

New or updated printers

New or updated accounts

New or updated servers

The data files are processed by the Intuitive ETL application (Extract Transform Load) and prepared in an SQLite database for use by the Intuitive Dashboards application. The entire data load process is automated and refreshes the data overnight. Data is automatically collected and updated overnight and used to populate the dashboards. For existing PaperCut MF installations, the solution allows for the import of historical data to populate the dashboards.

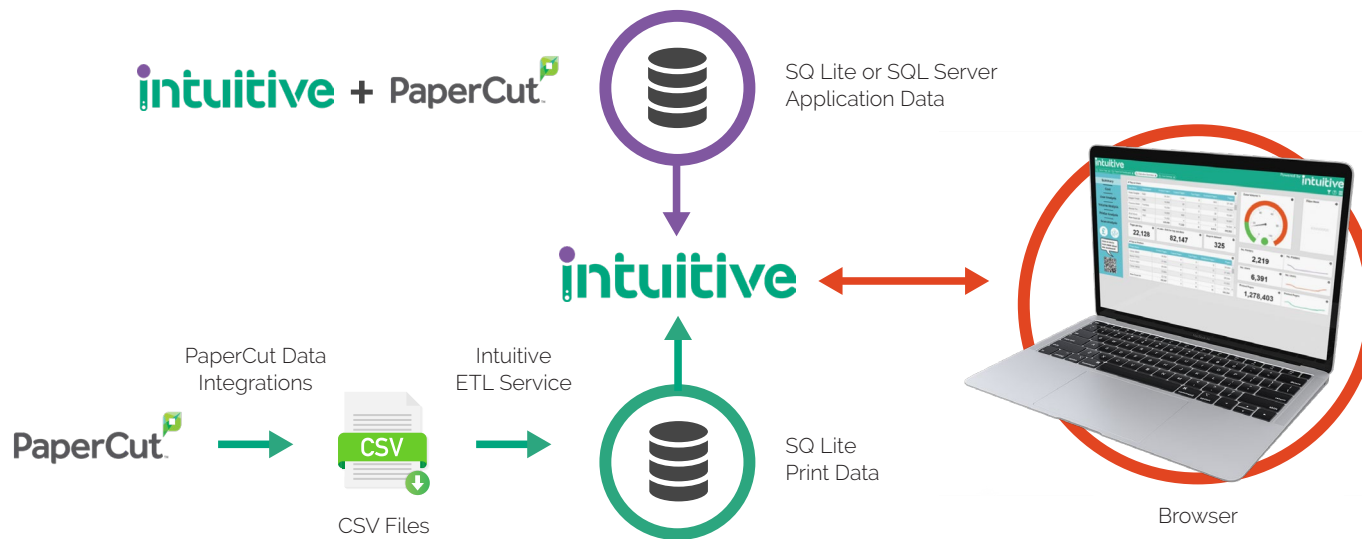


Solution Overview

The dashboard solution maintains a multiyear record of the print, copy, scan and fax activity in a local SQLite database. Database views are created within the dashboard application known in Intuitive as Datafeeds. Each Datafeed performs a specific piece of analysis and are used to create the Datasets which underpin the visual components and dashboards.

Users access the dashboards by connecting to the dashboard server via any network connected device with a HTML5 compliant browser (Usually a PC or tablet).

To access the dashboards, users first need to pass authentication. Intuitive for PaperCut ships with its own internal user authentication and permission system. Users can also be attached from a Microsoft Active Directory ('AD') or other LDAP compliant repository. This enables users to authenticate to the dashboards using their network username and password.



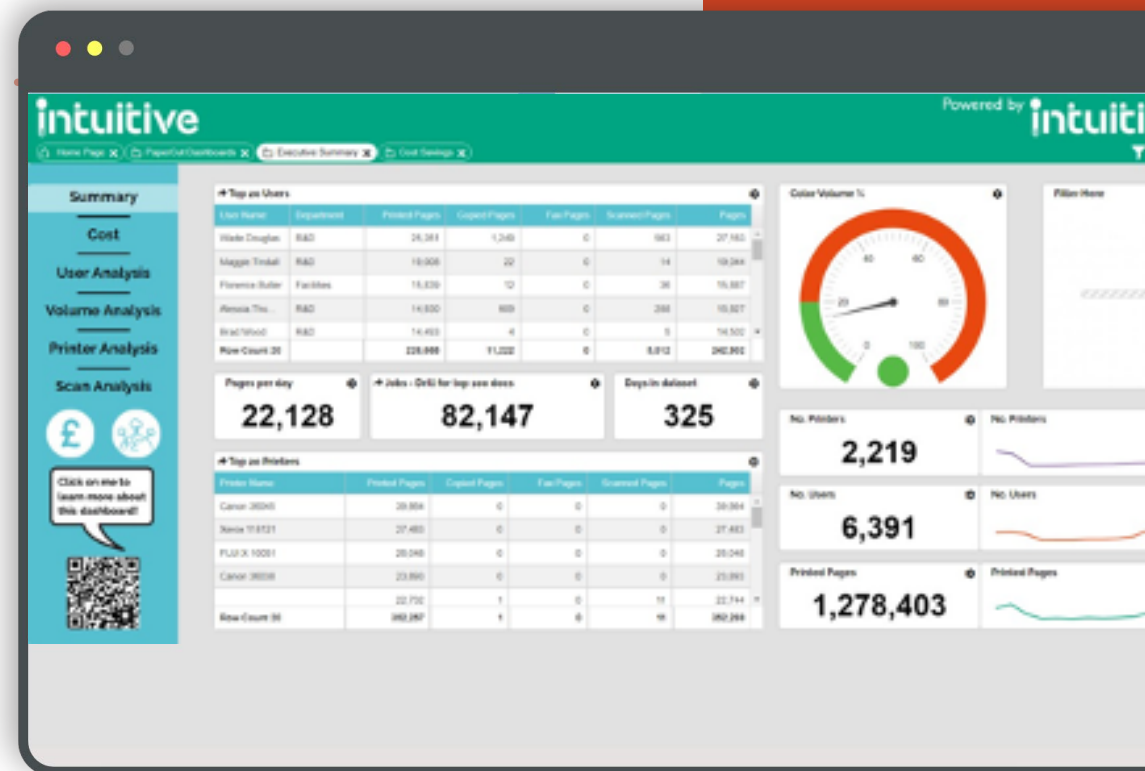
Dashboards

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- **Executive Summary** - Top 20 users & Printers, number of users, total pages
- **Cost analysis** - costs over time, by department, user, mono vs colour, print vs.copy.
- **User Analysis** - All print users, analyse by individual user.
- **Volume Analysis** - Volume change (this year vs last year), printed pages and volume trends.
- **Printer Analysis** - Printer variance, activity and utilisation
- **Scan Analysis**- Summary of scan activity, analyse by individual user.
- **Cost and Volume Summary** - Impact of printing volumes and costs over two-year rolling period, split of colour pages, total pages and cost
- **Environmental Impact** - Environmental impact of printing (CO2, energy, trees consumed) by department over a two-year rolling period

Executive Summary dashboard

The Executive Summary dashboard gives you an overview of your printing estate over a rolling 12 -month period. Users can identify the top printing users, top performing printers and drill into the top 100 document titles that are being printed.



Dashboards

Cost Dashboard

The cost dashboard calculates the total cost of printing across each department and also works out the average cost per user. The user can determine the most expensive types of printing including which application incurs the most cost.

User Analysis Dashboard

The user analysis dashboard allows you to determine the top users by the organisation, showing their department whilst allowing you to drill into their usage. You can also analyse users by their accounts and office.



Technical Specifications

Standalone Hardware Requirements

The following table lists the minimum standalone hardware requirements for installing the Intuitive Dashboards for PaperCut MF software:

Component	Details
Processor	Dual-Core processor or faster
Memory	8 GB RAM
Disk Space	5 GB free disk space (10 GB recommended)

Side-by-Side Hardware Requirements

The following table lists the minimum side-by-side hardware requirements for installing the Intuitive Dashboards for PaperCut MF software:

Component	Details
Processor	Dual-Core processor or faster
Memory	8 GB RAM
Disk Space	5 GB free disk space (10 GB recommended)

Software Requirements

The following table lists the minimum software requirements for installing the Intuitive Dashboards for PaperCut MF solution:

Operating System	Database
Windows Server 2012 (32 or 64 bit) onwards	SQLServer & SQLServer Express 2008 R2 SP2 onwards (Optional) SQLite (Included in the installation package) - Recommended

On Server and Desktop installations, Windows .NET v4.0 Framework or later must be installed as a prerequisite. Windows IIS and IIS Manager must also be installed.

Installation

Network Security

If running Intuitive Dashboards on a separate server from PaperCut, the Intuitive service should be able to access the PaperCut MF folder under program files.

If using a remote SQL server, the Intuitive service should be able to network to the remote server and have permissions to Create, Read and Write to its own database.

A recommended approach is to create a single user called 'DashboardService' which can hold all of the required permissions to the local server, PaperCut server and (depending on configuration) SQL Server.

User Permissions

Administration rights for local server

Depending on database configuration, SQL server administrator for the Intuitive configuration database

Access to Data Integrations folder under PaperCut MF.



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