

Overview

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RICOH Predictive Insight Connect

The RICOH Predictive Insight Connect feature lets you send data collected by the **Reports** feature in the PostgreSQL database to the RICOH Predictive Insight application in the cloud.

Then, you can use RICOH Predictive Insight to build dashboards that present the historical data visually.

Prerequisites

Before you can send data to RICOH Predictive Insight, you must:

- Install the Reports feature. This feature is available in the **Feature Manager** and does not require a license.
- Set up the PostgreSQL database to start collecting the information.
- Enable data collectors to store the appropriate property values.
- Add the WritePropsToReportsDatabase step template to any workflows that need to collect job and document properties as jobs process through them.
- Request access to RICOH Account Administration, so you can configure a secure connection with Ricoh cloud applications.

System objects:

This feature adds these object types:

Ricoh cloud credential

The RICOH Predictive Insight Connect feature adds the Ricoh cloud credential type. This type of credential is used to create a secure connection with Ricoh cloud applications.

RICOH Predictive Insight Data Transmitter

RICOH ProcessDirector uses a special type of data transmitter, the RICOH Predictive Insight Data Transmitter. Based on the settings made in the RICOH Predictive Insight Data Transmitter, you can specify what data should be sent and when to send it.

Connecting and sending data

To connect and send data to RICOH Predictive Insight, RICOH ProcessDirector uses a Ricoh cloud credential and the RICOH Predictive Insight data transmitter. The data that you send to RICOH Predictive Insight is stored in the PostgreSQL database by the RICOH ProcessDirector data collectors. The data transmitter can send job, printer, device, or user property values captured by the data collectors based on a schedule you set.

Most RICOH ProcessDirector features add job properties that can be captured for reporting purposes, such as **SLA outcome** from the Deadline Tracker feature.

You can also send the job and document properties collected by the WritePropsToReportsDatabase step in workflows. The tables that are specified within the step can be selected to be sent with the RICOH Predictive Insight data transmitter.

RICOH Predictive Insight can display properties captured by the RICOH ProcessDirector data collectors using different widgets. The RICOH ProcessDirector Connect Add-on includes a default RICOH ProcessDirector dashboard. The default RICOH ProcessDirector dashboard contains these default widgets:

Total Print Volume

Shows the total printed number of sheets and pages daily.

Volume by Printer

Shows the total printed number of sheets and pages for each printer.

Volume by Customer

Shows the total number of sheets and pages printed for each customer. This uses the **Customer name** job property which is set in the workflow for each job.

Volume by Location

Shows the total number of sheets and pages printed at each location. This uses the **Requested location** job property which is set in the workflow for each job.

Volume by Printer Operator

Shows the total number of sheets and pages scheduled for printing by each user.

To customize your RICOH ProcessDirector dashboard, duplicate the default RICOH ProcessDirector dashboard, then edit the existing widgets or add more widgets from the widgets library. For example, you can customize the **Total Print Volume** widget to show the number of documents instead of pages or sheets. You can search for different values you want to display in the widget, then you can switch them on or off depending on the data you want to see. You can share a duplicated dashboard with other users to view your collection of widgets.

For more information about setting up a RICOH Predictive Insight dashboard and widgets, see the [Working with Dashboards](#) topic in the RICOH Predictive Insight help system.

RICOH Predictive Insight Connect does not provide access to RICOH Predictive Insight. You must purchase a RICOH Predictive Insight subscription and the RICOH ProcessDirector Connect add-on separately. If you want to purchase additional viewer subscriptions for other company employees, contact a Ricoh representative.

To create your own widgets in RICOH Predictive Insight, you must purchase the self-service add-on for each user and you must log in as a self-service user. To purchase the self-service add-on, contact a Ricoh representative.

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