Intelligent Plant™
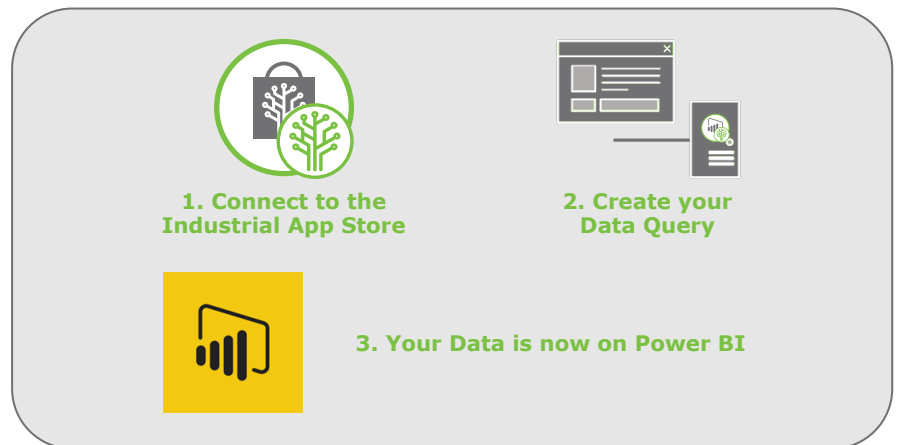*Inform, Enhance, Grow. Intelligently.*

Power BI Connector

Why should I use Intelligent Plant's Industrial App Store Connector?

With the Connector

Our connector makes it both quick and easy for users of any technical ability to create and update their data queries. Our solutions are integrated within Power BI so that the queries are created through easy to use dropdown boxes. There is no secondary location where data needs to be stored to as SQL is not needed - we can connect straight from your historian with App Store Connect.

1. Connect to the Industrial App Store

2. Create your Data Query
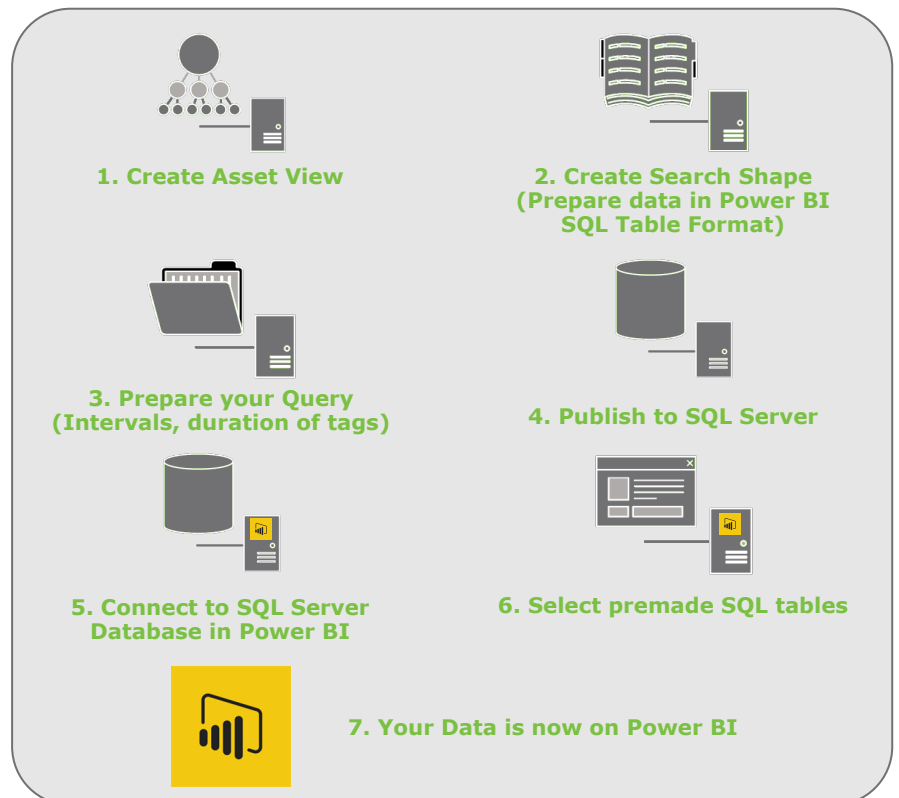
3. Your Data is now on Power BI

Power BI Connector from the Industrial App Store is Cost Effective

Our costs are straightforward. Power BI Connector is licensed per site, with unlimited users and unlimited tags. Costs on other market solutions may be set per (x) amount of tags, or have a user cap. Additionally our method doesn't store your data, reducing potential overhead costs and data security issues.

Without the Connector

Organisations may end up using spreadsheets or SQL to import data into Power BI. These both share an inherent problem - updating tables can be tedious. With a spreadsheet, the data is static and to update it would require performing a new export, and if you want to use different time frames or different data, the export process starts all over again.

Using SQL, which many solutions use to get operational data into Power BI, requires technical knowledge on SQL to update data which the average user may not have. Therefore users may have to submit change requests to their support team to update the data, which hinders the user's ability to create new reports quickly and independently.
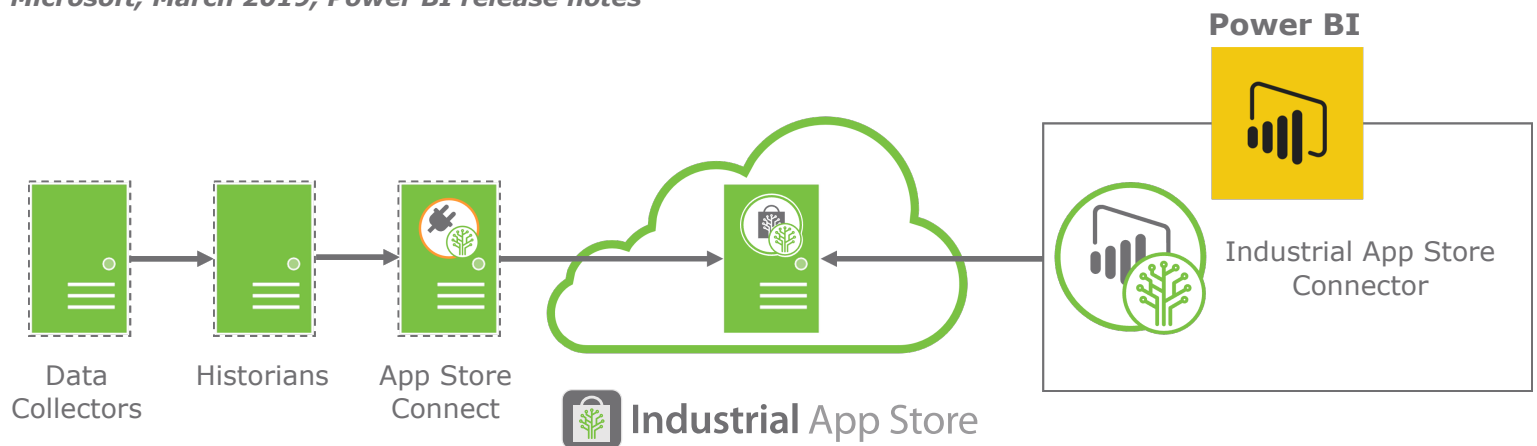
1. Create Asset View

2. Create Search Shape (Prepare data in Power BI SQL Table Format)

3. Prepare your Query (Intervals, duration of tags)

4. Publish to SQL Server

5. Connect to SQL Server Database in Power BI

6. Select premade SQL tables

7. Your Data is now on Power BI

Power BI Connector

Intelligent Plant's Industrial App Store Connector

"Intelligent Plant's Industrial App Store Connector enables Microsoft's powerful analytics and visualisations to be applied to real-time and historical process data. Seamlessly integrate plant and corporate data and share with any colleague on any device, enabling faster, better, real-time decision making. The Industrial App Store Power BI Connector connects to Intelligent Plant's Industrial App Store, while all data remains securely and safely on your premises. The plant data may be centralized in a corporate data lake or globally dispersed across many sites and historians. Either way, Industrial App Store Power BI Connector brings it all together and delivers to your fingertips".

Microsoft, March 2019, Power BI release notes

Power BI

Data Collectors → Historians → App Store Connect → Industrial App Store → Industrial App Store Connector

Solution Overview

Select "Industrial App Store" from the list of connectors within Microsoft Power BI and any process historian data can be viewed and analysed with Power BI, enabling more robust and accurate business decisions.

Power BI Connector

Utilise real-time and historical industrial data in Microsoft Power BI

- Get Connected

- Get Analysing

- Get Results - Fast!

The Power BI Connector will be up and running five minutes after opening the box. Using Intelligent Plant's Industrial App Store means there are no servers to set up and install on your network.

Solution Approach

To connect to industry standard historians, all that is required is a download and install of Intelligent Plant's Industrial App Store Connect. All necessary security considerations are dealt with, the customer enabling data access only to specific users as required.