

Industrial App Store

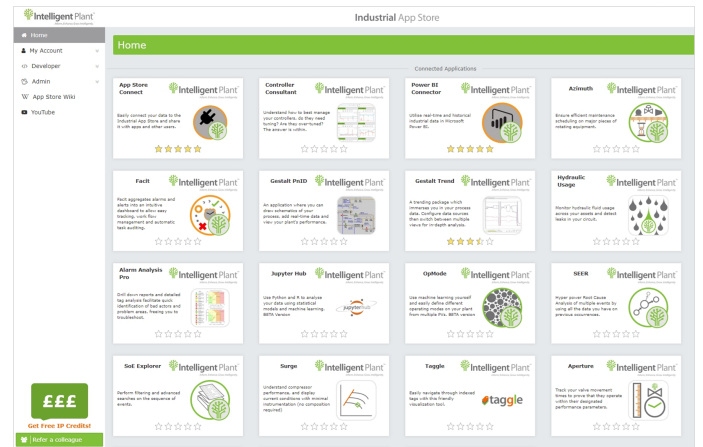


An App Store for Industry

At its core it is 2 things -

- A portal to securely share & access data. The Industrial App Store allows data owners to share data securely to consumers and Apps.
- It's a market place to buy and sell Apps that operate on that data.

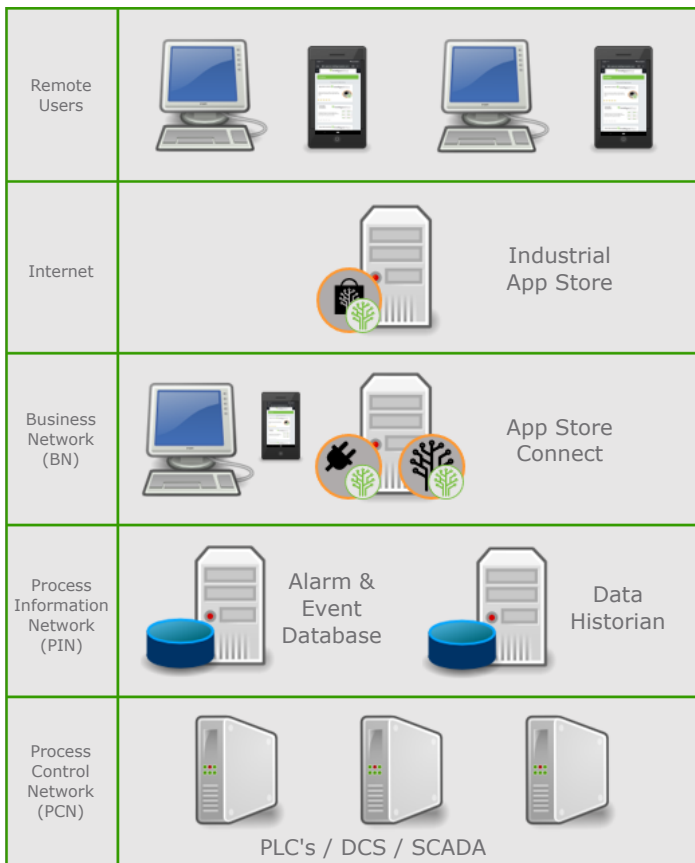
Think of Apple and Google App Stores and you are on the right track.



There are other app stores out there from big name companies but the difference here is that your data is not stored in the cloud, it stays on site so there are no data storage fees which with other such stores will increase exponentially year on year. In fact, the App Store Connect software that makes the connection is completely free and there are no charges for transport of the data either.

- ✓ One connection to multiple Apps
- ✓ Completely free to join
- ✓ Open Platform
- ✓ Access to best in class software
- ✓ Develop your own Apps and sell them
- ✓ Cyber security threat a one-off assessment
- ✓ No data storage fees
- ✓ Subscription based - low cost Apps

How it Works



- A lightweight piece of software called the App Store Connect is installed on your Business Network with read only communications to your Plant Historians via bespoke and OPC protocols.
- You control which data can be shared to the Industrial App Store. You control who and which Apps have access to this data. Data access is controlled by you and no-one else.
- Requests for data are sent from the Industrial App Store to your App Store Connect which then gets the data from your Historian and serves it to the Industrial App Store. All this is done securely using HTTPS.
- Once the data is used by the App it is discarded. Any calculated results can be written back to the App Store Connect on your site. Share data with business users, vendors, remote external users and service providers etc.

Less is More!

	Total 3 yr		Total 5 yr	
	Perpetual	App Store	Perpetual	App Store
Licence	25	30	25	50
Maintenance	15		25	
Installation	10		10	
Hardware	5		5	
Upgrades	10		20	
Total	£65k	£30k	£85k	£50k

Cash is king, and saving money is in everyone's interest. A real-life comparison between a traditionally licensed software and a competitive App on the Industrial App Store reveals just how cost-efficient cloud computing can be, with a massive 55% saving over a three-year period. But this is just the tip of the iceberg as this does not consider how much of your time is also saved.

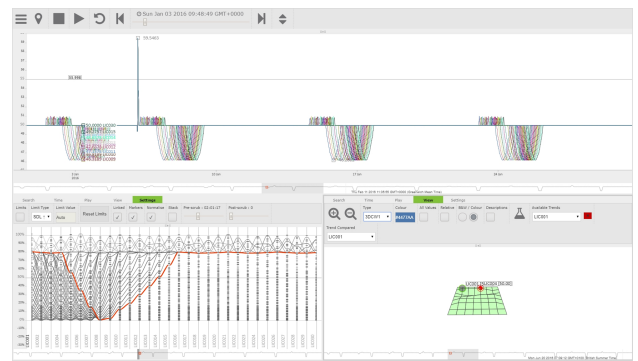
Who is it for?

It's for software developers that don't want to get tangled up in the "how do we get the data" minefield. It's for manufacturers who are looking to turn their data into useful information, it's for companies that have already developed specific in-house apps to solve a problem and want to market them to a wide audience.

It's for system integrators who want to offer 24/7 support on their bespoke piece of technology, it's for valve specialists who want to monitor stroke times on their customers sites.

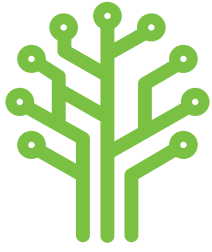
Citizen developers who want to capture their data and prototype industrial apps. Hobbyists in companies who want to show what can be done with their own process data.

Small sites who have previously been unable to utilise an industrial historian due to cost constraints - now you can!



245	41	206	2	2	1		
New Alerts	Active Alerts	Returned Alerts	Owned Alerts	Actioned Alerts	Completed Alerts		
Open (247) Closed							
Owner	Time stamp	Return	Duration	Tag	Description	Message	Trend
Gregor Mountrie	Oct 23rd 2019, 01:30:00	Oct 23rd 2019, 05:00:00	00d 03h 30m 00s 000ms	LN2 WGM (Gas)-24H Avg. Engineering Review Threshold (ERT) Low Limit Alert	Trigger		Trend
Graham Watts	Oct 19th 2019, 18:15:00	Not Returned	00d 00h 00m 00s 000ms	LN4 AVV-OP Engineering Reporting Threshold (ERT) Low Alert	Trigger		Trend
Josh Plumby	Oct 19th 2019, 17:55:00	Not Returned	00d 00h 00m 00s 000ms	LN2 AVV-OP Engineering Reporting Threshold (ERT) Low Alert	Trigger		Trend
Take ownership	Oct 19th 2019, 10:45:00	Not Returned	00d 00h 00m 00s 000ms	TW3 AVV-OP Engineering Reporting Threshold (ERT) Low Alert	Trigger		Trend

	App Store	Competitors
Low License costs	✓	✗
Zero maintenance fees	✓	✗
Zero hardware footprint	✓	✗
Free upgrades	✓	✗
Zero installation fees	✓	✗
Data stays on site	✓	✗
Keep control of your data	✓	✗



Available on the

Industrial App Store



OpMode

Use machine learning yourself and easily define different operating modes on your plant from multiple PVs.



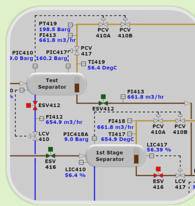
Controller Consultant

Understand how to best manage your controllers. Do they need tuning? Are they overtuned?



Power BI Connector

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



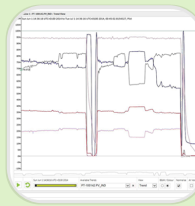
Gestalt PnID

An application where you can draw schematics of your process add real-time data and view your plant's performance.



SEER

Hyper power root cause analysis of multiple events by using all the data you have on previous occurrences.



Gestalt Trend

A trending package which immerses you in your process data. Configure data sources then switch between multiple views for in-depth analysis.



Azimuth

Ensure efficient maintenance scheduling on major pieces of rotating equipment.



Hydraulic Usage

Monitor hydraulic fluid usage across your assets and detect leaks in your circuit.



App Store Connect

Easily connect your data to the Industrial App Store and share it with apps and other users.



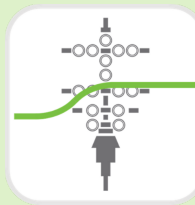
Alarm Analysis Pro

Drill down reports and detailed tag analysis facilitate quick identification of bad actors and problem areas, freeing you to troubleshoot.



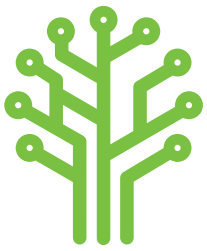
Wax Intelligence

Determine if your process is building up wax, real-time and historical.



Well Intelligence

Optimise your choke positions to gain more production without changing anything else.



Intelligent Plant™

Inform, Enhance, Grow. Intelligently.

Formed in March 2006, Intelligent Plant are an innovative privately-owned independent software development company, are ISO 9001 registered and focus on providing services and solutions to industry.

Performance monitoring of equipment and processes through analysis and visualization of real-time data, and the management of alarm data are areas where Intelligent Plant devote time and effort.



Quality

Maintaining high quality standards is vital for any business, especially Intelligent Plant. It helps to maintain customer satisfaction and loyalty and reduces the time and cost in maintaining products. The company puts a lot of emphasis on quality and is proud to hold an ISO 9001 certificate. A customer should always expect a quality product, failing to meet this expectation results in losing the customers loyalty. Quality products help establish solid business relations and helps maintain a good reputation on the market.



Integrity

It represents the soundness and honesty with which the company conducts its relationships with everyone it interacts with. It helps to establish a feeling of trust and makes stakeholders more open with each other. Within the team this openness encourages people to express their views and opinions more freely. The independence created this way results in better creativity and makes our employees feel like their contributions really matter. Furthermore it makes them proud of their work and makes them feel closely connected to the business.



Simplicity

At Intelligent Plant simplicity is seen as something that has been stripped from all the non-essentials. In other words it is something that has been relieved of all unnecessary complexity. As a result it allows the focus to fall on the most important tasks only. It also impossible to have simplicity without honesty as dishonesty sprouts complexity.

