Welcome to the Industrial App Store

Since January 1st 2016, The Industrial App Store is the first and only truly open and secure IIoT portal which will host applications from any vendor or developer.

Run apps in the cloud with no need for site installation

The Industrial App Store makes your plant data available to the growing number of apps that are in the Industrial App Store. Big Data Apps, Analytics, Machine Learning, Downtime Reduction – Equipment Fault Diagnosis, Root Cause Analysis (RCA) and many other problems are solved in the Industrial App Store where multiple vendors can make their capabilities available to industry.

With an App Store Connection, apps connect directly to your data.
No need for time-consuming uploads.
Your valuable data remains securely in your site.

You don't have to be a developer to make something useful.
We have the tools to allow excel spreadsheets to be commercialised and versioned – allowing users to be safe in the knowledge that they are using the most up to date version.

https://appstore.intelligentplant.com/

App Store Connect

Easily connect your data to the app store and share it with apps and other users.

Controller Consultant

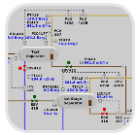
Understand how to best manage your controllers. Do they need tuning? Are they over-tuned? The answer is within.

Azimuth

Ensure efficient maintenance scheduling on major pieces of rotating equipment.

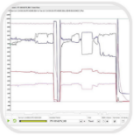
Gestalt PnID

Create high resolution Process & Instrumentation graphics with data-bound animations to give a real-time picture of your plants performance.



Gestalt Trend

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



Alarm Analysis Pro

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

OpMode

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

SEER

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

Surge

Understand compressor performance and display current conditions with minimal instrumentation (no composition required).

Valve Signature

Get instant diagnosis of unhealthy valves in your subsea systems. Predict possible failures & optimise interventions.

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.

Alarm Analysis Lite

Get EEMUA 191/ISA 18.2 Alarm Reports from raw csv/excel files. The overview is free!

ISCO Newsletter

The ISCO newsletter is a weekly publication from The International Spill Control Organisation.

Alarm Reports

Get EEMUA 191/ISA 18.2 Alarm Reports from raw csv/excel files for only 1770 IP credits.

Uptime

Detailed report of events leading up to equipment failure aggregating years of data. This service will help you to improve uptime.

Excel Library Check

This product reads registry keys to analyze all libraries available for excel on your computer.

Excel Query Add-In

Excel add-in that permits you to query your connected data sources from excel.

Loop Drawing

This is a template for instrumentation engineers. They can use and tweak for generating loop drawings.

NLE Solver

Non Linear Equation Solver allows the user to specify the domain in which a solution is to be found and searching for multiple solutions.

PID Simulator

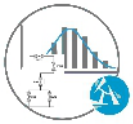
The advanced PID loop simulator is a very powerful tool that can simulate and assist with tuning a loop on almost any control system.

FMECA Preparation

Initial pre-population of tailored FMECA template with generic failure mode and failure rate data for efficient execution.

Valve Test Frequency

Analysis of valve function and test results to estimate valve failure rates and optimise test intervals.



Augmented Support

Global augmented reality support for industrial services. Live video and audio from remote expert to worker on site.

Facit

Amalgamates & groups alarms & alerts into an intuitive dashboard to allow easy tracking, work flow management & automatic task auditing.

Hydraulic Leakage

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

Aperture

Track your valve movement times to prove that they operate within their designated performance parameters

FMECA Tool

Integrated FMECA management tool to ensure a clear auditable trail of components and failure modes are maintained.

RBI Tool

Risk based inspection tool to quantitatively derive the optimum inspection frequency for subsea components.

Ding!

Generates automatic email alerts when your process goes out-with the limits you define.

Equipment Intelligence

Coming Soon...

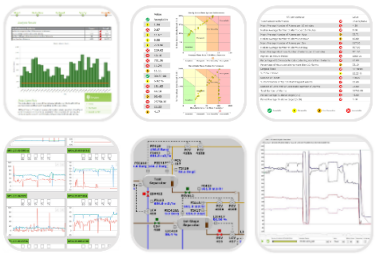
How you connect to the

Industrial App Store

Architecture

Open Platform

- Anyone can develop apps
- Evaluation made easy
- Best in class floats to top
- Zero initial fees



Industrial App Store

Microsoft Azure

Single Secure Sign In

Intelligent Plant™

Cyber Security

All Data is Encrypted
Access to data is Secured
No App has Access to Data
Until you allow it

Your Business Network

Your Historian

Historian

OSI PI/ PI AF

App Store Connect

aspentech IP21

IP Historian

OPC Servers

Honeywell PHD/ Dynamo

PlantState Suite

ProcessVue

IP Alarm Analysis Index

A&E Store

Your Process Network

Site Alarm & Event Feed

Site Historian

Central System

Central System

Central System

ABB

YOKOGAWA

Direct SCADA

Schneider Electric

EMERSON

Honeywell

LoRa™

Network Server

Cellular M2 Network

Cellular M2M

LoRa LPWAN

LoRa Gateway

LoRa LP Private Network

Cellular M2M

LoRa Node

LoRa Node

MQTT.ORG

Embedded Device Type 2

Internet Access Device & Router Wi-Fi

MQTT Client REST api

Embedded Device Type 1

Water Nutrients Control

Irrigation/ Light Control

Temp. Humidity Control/ Image Processing

USN1

USN2

USN3

..."I used the Intelligent Plant App Store to build a Condition Monitoring Application for Valve Signatures. This was created in partnership with BP and Intelligent Plant. I found the App Store to be powerful yet intuitive and simple to use. The Condition Monitoring Application is in use at BP and is allowing us to build a dataset of high quality information on the status of our Subsea Gate Valves around the globe" ***Ben Money-Coomes, Subsea Controls Engineer, Upstream Engineering Centre, Subsea Team, BP***

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