

EMPOWER YOUR ANALYTICS WITH OPERATIONAL DATA

Asset Intellect, Alarm Sentinel and Advanced Analytics

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Organiser



Co-host



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About Dimension Software

- Long time OSIsoft PI System partner specialising in the PI System Ecosystem.
- Located in Auckland.
- Engineering, solutions to compliment PI System, support partner.
- Vast experience in:
 - Decision support
 - Asset management
 - Data analytics tools
 - Visualisation and BI
 - Everything PI System

Where We Have Come From

- PI System Integrator based in New Zealand
- Were 4-5 people in the early days
- Very PI focussed
- Bespoke solutions

Where We Are Heading

- Have grown to 14 people and rising
- Still very PI System focused - but more about PI System within the wider Operational Technology space
- Two off the shelf solutions that leverage and add value to PI System
- Deployments outside of New Zealand including Australia, Finland, United States and Netherlands
- Expanding our capabilities and partnerships to include:
 - Analytics
 - BI
 - Spatial
 - CMMS integration
- Our team now in more specialist roles – PI System is now too big
- Moved from simply data into PI System to getting value out.

Our Valued Customers – Thank You!



Industry Trends - 19 Years Of PI System

- Analytics now available for non data scientists
- Use of BI tools
- Cloud based IOT data into PI System
- Mobility is a slow uptake but is increasing
- Application and Excel proliferation
- Data lakes vs. loosely couple
- People are time poor - need systems to help identify plant anomalies without having to review many trends each day
- Slowly moving from periodic to condition and predictive based maintenance

Our Solutions



Brings together disparate data sources in context of your PI Asset Framework.

Forms the big picture of an asset including PI, CMMS, spatial, analytics, BI, data entry, reports, P & ID's, etc.



Leverages the PI infrastructure to collect, view, analyse and manage DCS and SCADA alarms in a graphical, searchable web view.

Also includes alarm management KPI's.

Demo

“PI System, AF, Asset Intellect, Alarm Sentinel, Seeq and other tools combined provide a single view of all asset related data”



David Barker, Technical Director, Dimension Software Ltd

CHALLENGES

Need to improve access to multiple data sources and keep that data in context of the Asset Framework.

Need Realtime data, analytics, BI, drawings, asset management in one contextual view.

SOLUTION

Asset Intellect and Alarm Sentinel brings everything together in a loosely coupled approach.

Heavily leverages the PI Asset Framework via browser based configurable views.

RESULTS

Less data wrangling
More productive use of time
All data in context
Reduced application proliferation

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