Supercharging PI AF: How Asset Intellect and Alarm Sentinel empowers the remote knowledge worker

David Barker
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DIMENSION SOFTWARE

- Long time **OSIsoft PI partner** specialising in the PI Ecosystem.
- Head office in Auckland, New Zealand.
- Engineering, solutions to compliment PI, support partner.

Clients in:

- Africa
- Australasia
- Asia
- Europe
- North America
- South America

Experience in:

- Decision support
- Asset management
- Data analytics tools
- Visualisation and BI
- Everything PI

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Asset Intellect – Enterprise visualization for the entire plant

- Links multiple information sources in context of PI AF.
- Enables Remote Operations Centres.
- Choice of tools.
- Holistic view of asset management & operations.
- Helps reduce siloed applications.
- Decrease data wrangling.
- Ability to drill from dashboards.

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Alarm Sentinel – DCS alarms using the PI System

- Expose alarms outside of control room.
- Correlate with PI data.
- Mash alarms, events, PI Notifications and operator logs.
- Post event and ad-hoc analysis.
- Fast easy rollout using existing PI infrastructure.
- Industry standard Alarm Management KPI's .

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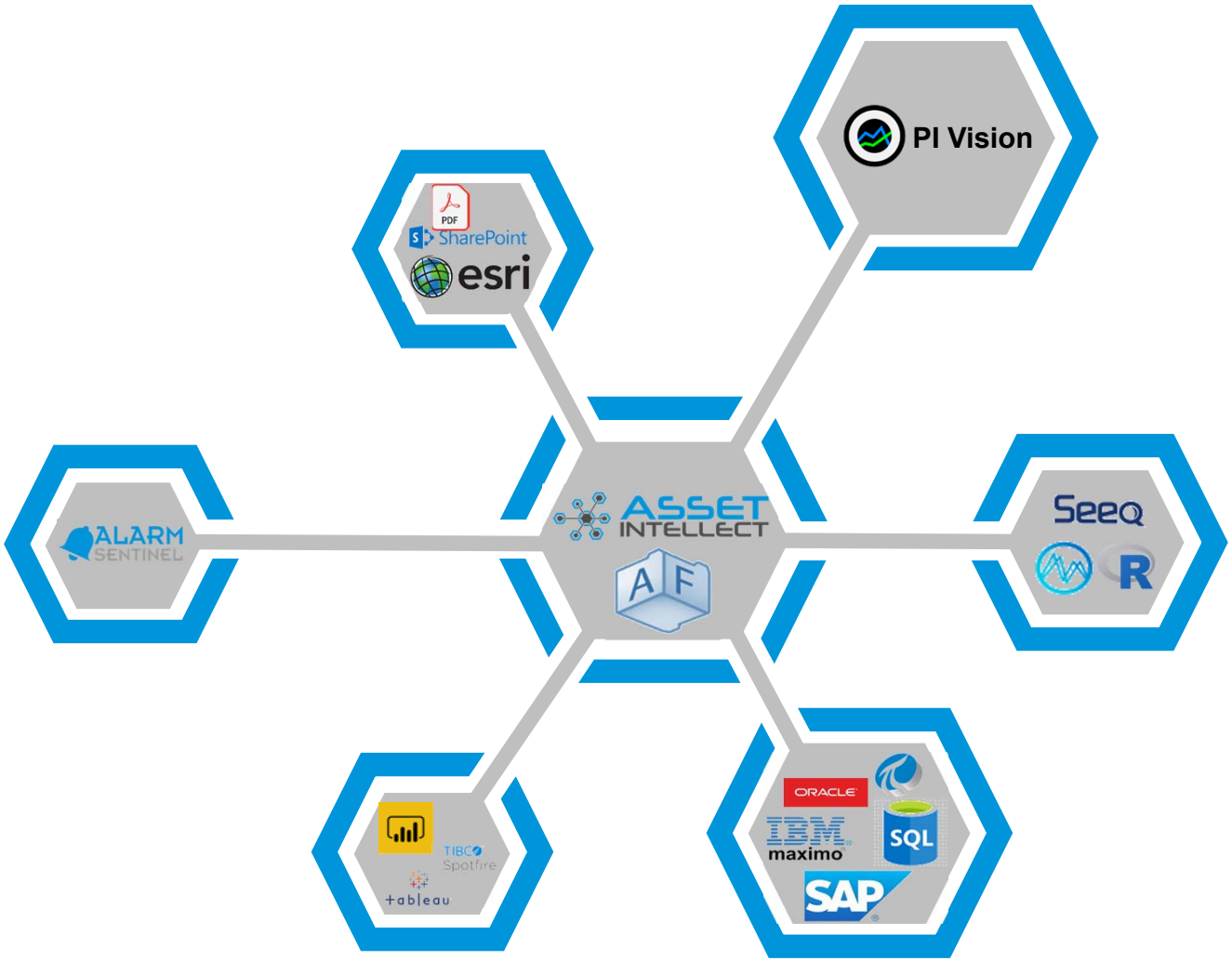

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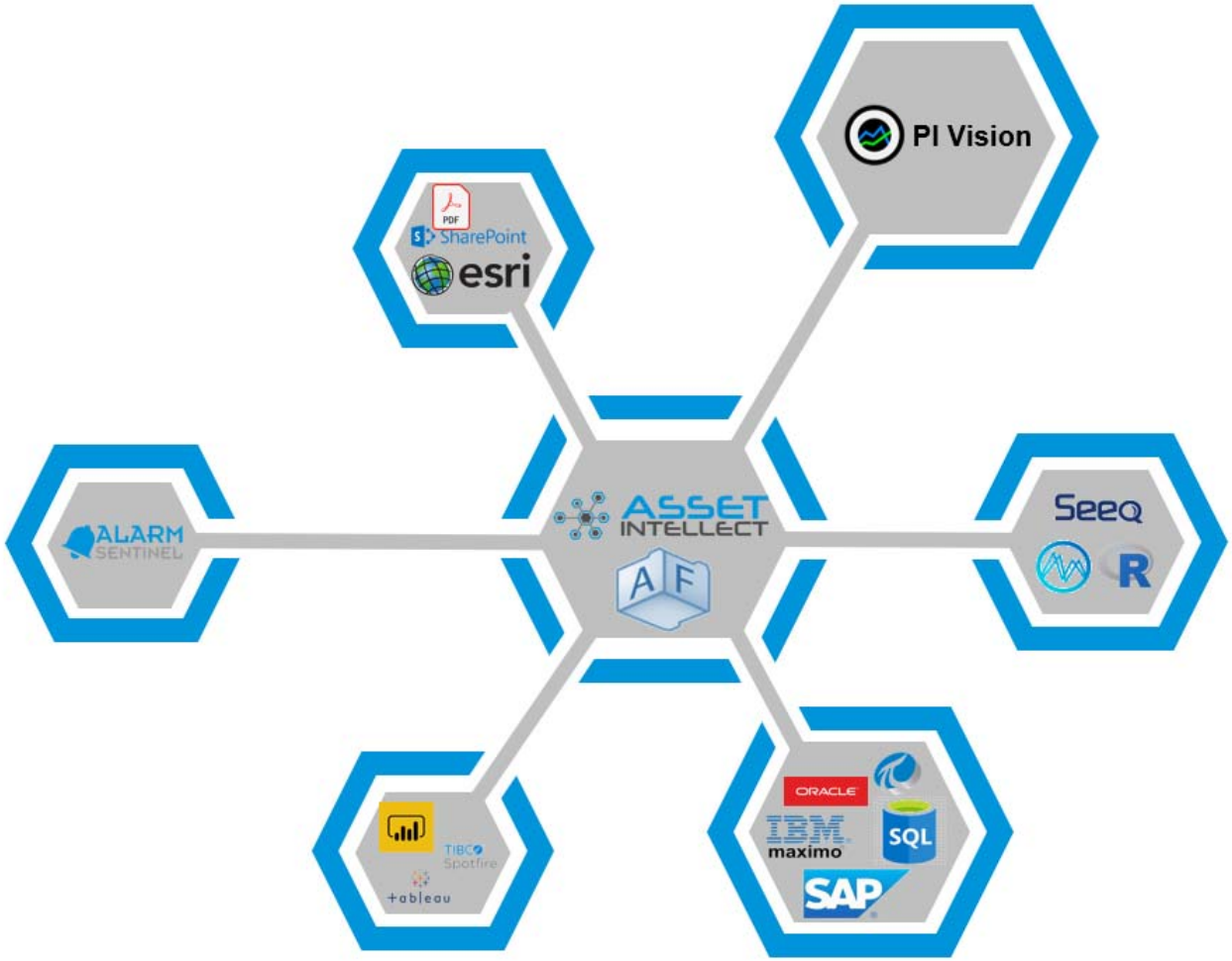

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ASSET INTELLECT

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CHALLENGES

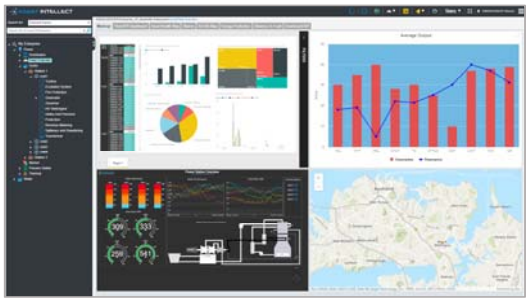
- Application proliferation
- Finding data in context of an asset
- Data stored in multiple systems
- Working remotely
- Resource shortage

SOLUTION

- Utilize PI, AF, and Vision plus tools already available
- Link all data sources to make a Virtual Data Lake

BENEFITS

- Enable a complete view of the asset
- Accelerated problem detection, remediation and return to operation
- Use the applications to their fullest extent possible



> We use Asset Intellect to publish quality assured dashboards and information into a single corporate view.
>
> Mark Faith - AGL

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ALARM SENTINEL

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CHALLENGES

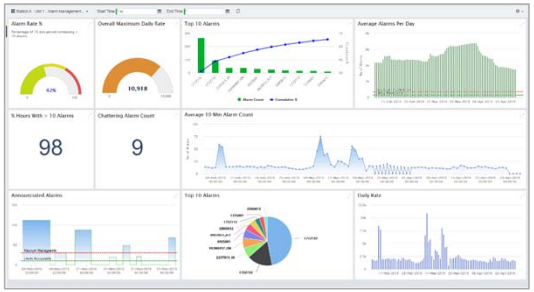
- Visibility of Alarms
- Alarms in context of the PI data
- Multiple DCS/SCADA Platforms
- Identifying nuisance alarms

SOLUTION

- **Correlate** Alarms and Events with traditional PI data
- All control (HMI/SCADA) alarms in a single system

BENEFITS

- Standardized metrics
- Fully **configurable**
- Improves **return on investment** of PI System
- Enhance post event and ad-hoc **analysis**



> We really like the Alarm Sentinel KPI tool, it really helps us. I'm very happy with it.
>
> Samuel Pynenburg - OceanaGold

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Questions?

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State your **name & company**

Save the Date...

AMSTERDAM

October 26-29, 2020

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