



Valve Signature

At a Glance

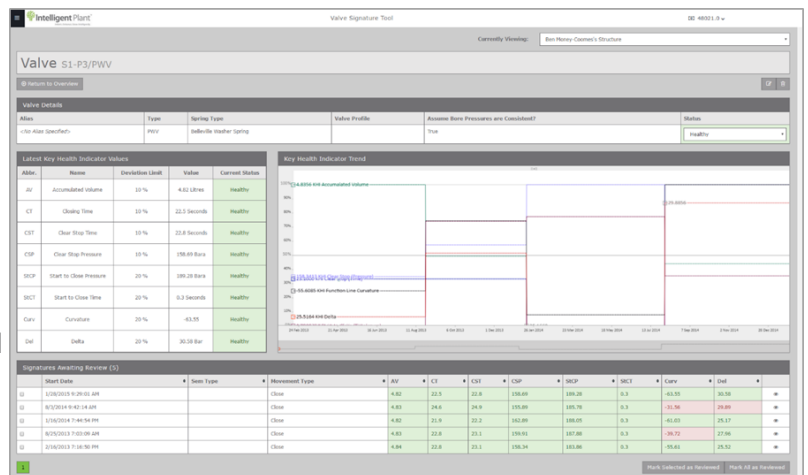
The subsea Valve Signature tool allows comprehensive monitoring and diagnosis of critical subsea equipment. Get Key Information to Key Workers with real-time data access on laptops, tablets and smart phones.

Purchase credits at Intelligent Plant's Industrial App Store. The purchaser of the credits will be authorised to upload data. The more credits you buy, the cheaper they become!

Key Benefits

Monitoring subsea valve performance is critical in maintaining safety and safe guarding production uptime.

Hydraulic pressures are monitored and analysed to provide 6 Key Health Indicators that determine the condition of a subsea valve. There is unlimited data storage in the cloud.



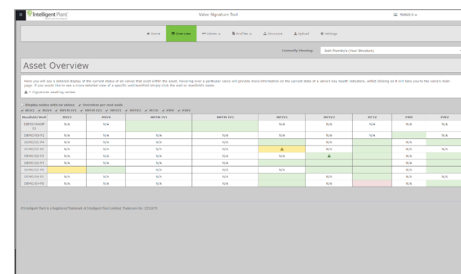
Upload the subsea system generated file of the valve movement to the Intelligent Plant Valve Signature tool. Allocate colleagues with whom you wish to share the information with.

There are common formats for signatures - should you have another format, get in touch with us and we will see if we can accommodate it.

Visit the dedicated LinkedIn Group to discuss and collaborate with other subsea experts around the world.

6 Key Health Indicators are stored in each movement, and trended over time for each valve showing if degradation is occurring.

Each valve is stored within a tree structure for easy navigation.



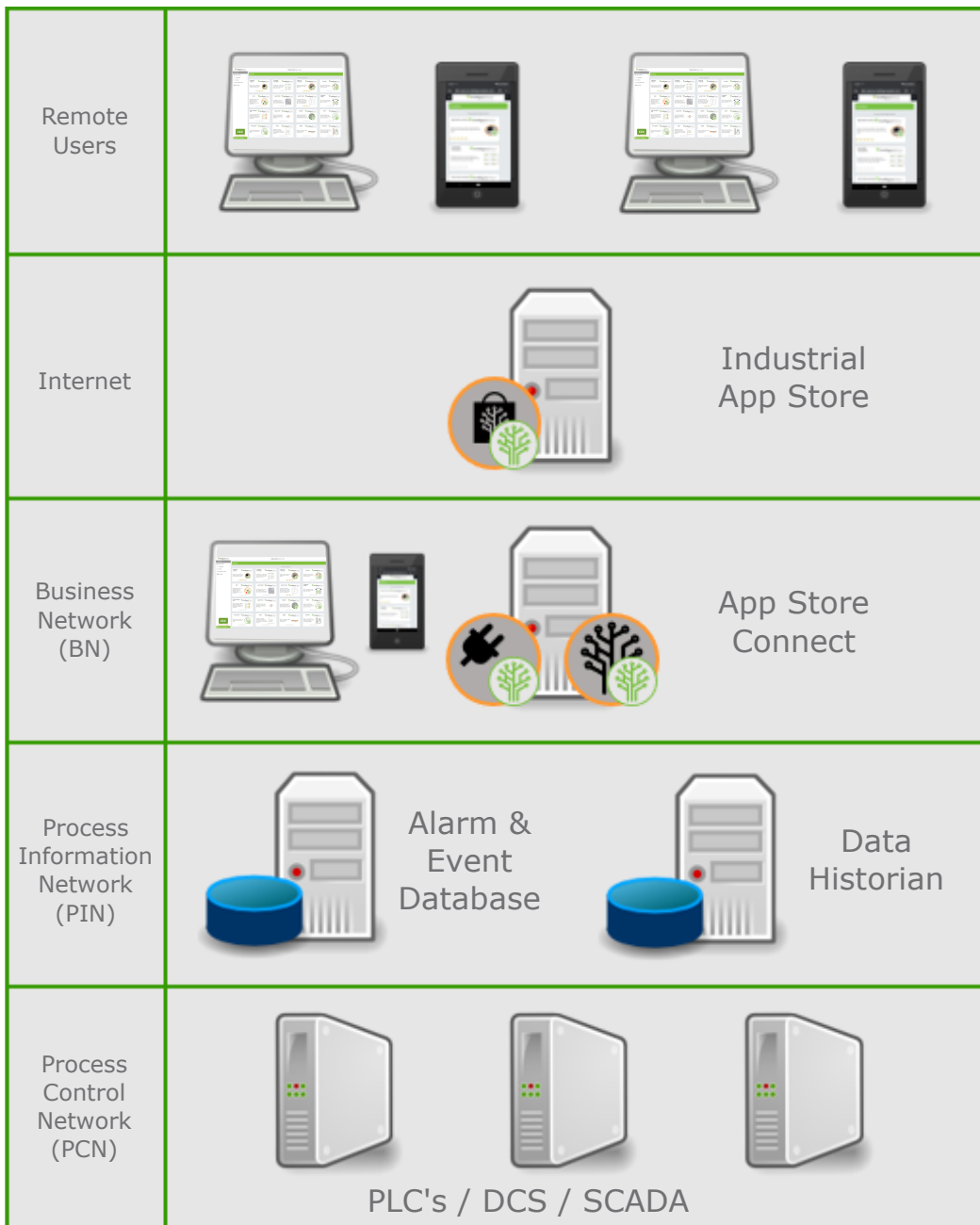
- Check and monitor hundreds of valves
- Instantly see which valves require attention
- Visibility throughout your organisation
- Simple and intuitive interface

- Monitoring subsea valves is crucial for:
- Environmental and emission compliance
 - Effective and safe process operations
 - Timely and appropriate interventions



Architecture

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.

At Intelligent Plant we recognise that there are many ways and reasons to access, interpret and analyse data but we believe that your data should always remain YOUR data.