

SEDGMAN

Linking real-time plant monitoring with expert support: Sedgman SMART Platform

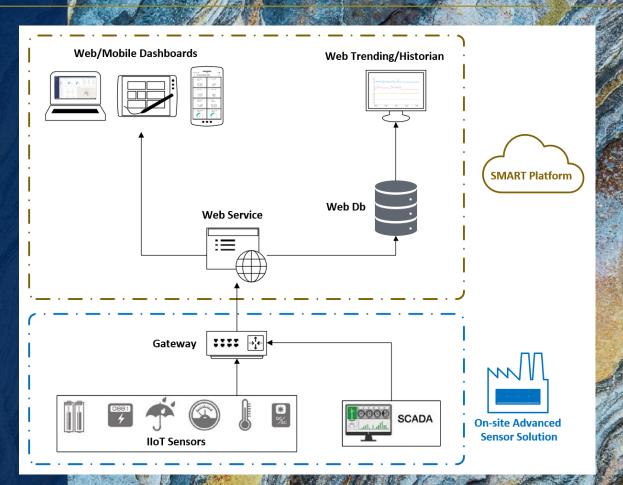
Chris Nethercott

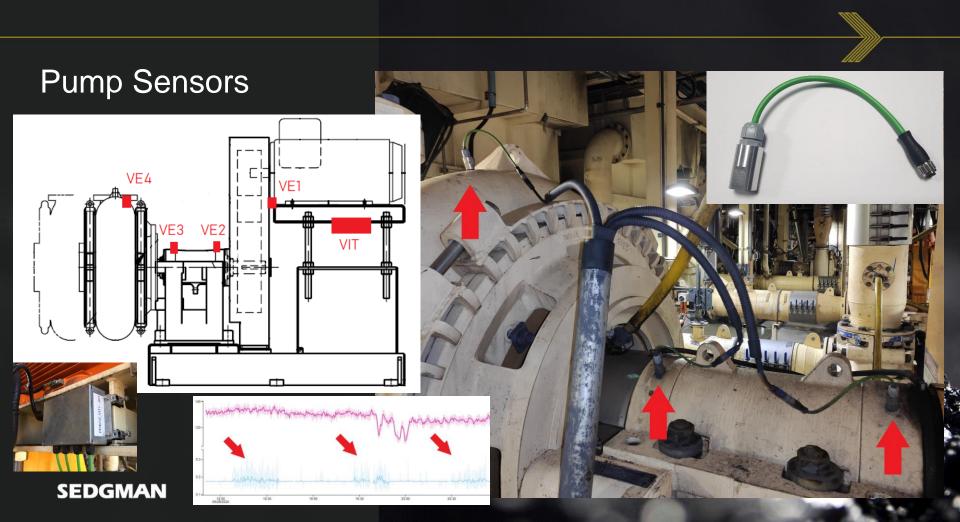
March 2021



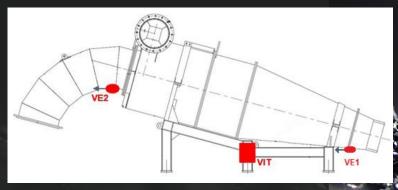
SMART Platform System

- Installation of sensors/data on critical process and equipment
- Connectivity solution, allowing access to data remotely
- User-friendly dashboards and alerts
- Historical data storage and analytics
- Machine learning/predictive failure modelling/Digital Twin



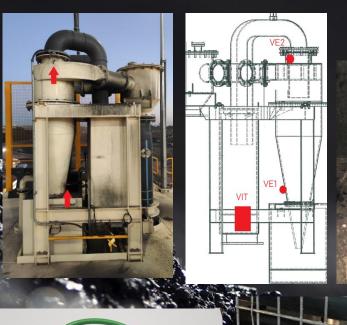


Process Sensors





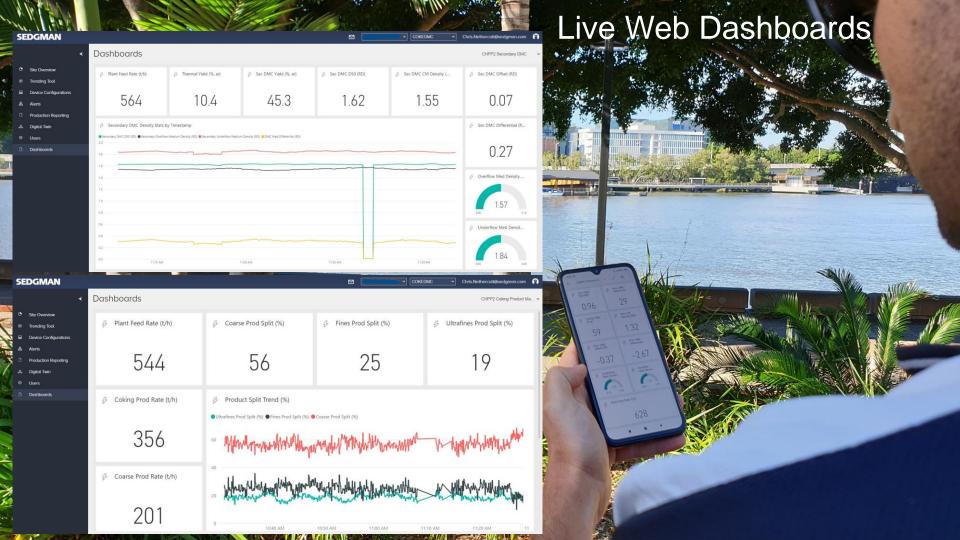


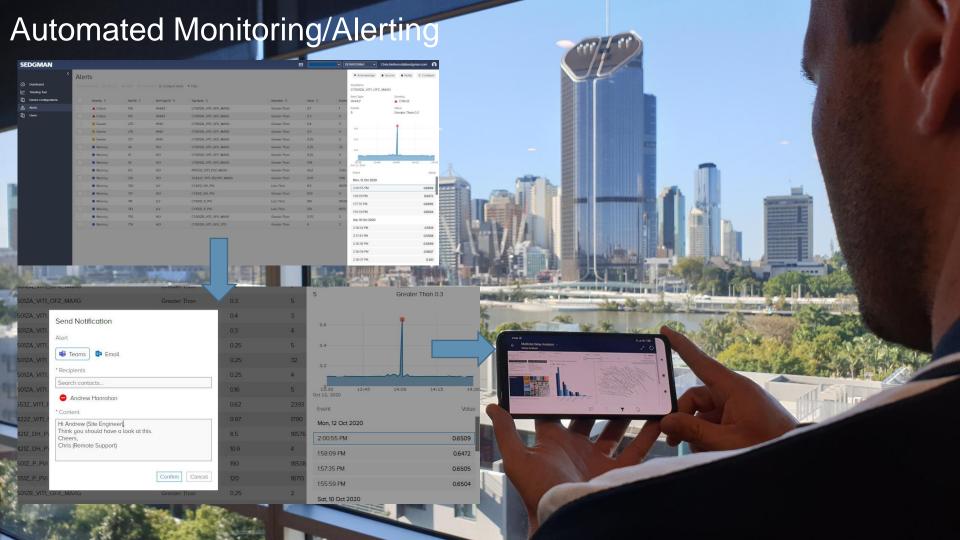














Benefits of Remote monitoring platforms:

- Real-time visibility for Owner/Operator, improving transparency
- Expert support from anywhere
- Earlier identification of abnormal process and equipment conditions, supporting:
 - Reduced down-time
 - Improved process efficiency



SMART Platform Next Steps:

- Plant Digital Twin
- Full plant automation



Wearable Technology





Remote communications technology to reduce site travel and allow remote expert support to site teams. Enabled through 3G or WiFi plant network.

Drone imaging



- Regular drone flyover during project construction
- Conveyor inspections during operation
- Dam inspections during operation

Thank you!

