

**BREAKOUT SESSION** 

# Connecting Platforms and Data to Increase Productivity

#### **Meet Your Presenters**



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Manager, Software Engineering



What if you had better insight into which contractors are capable, reliable, and safe?

With Avetta APIs, everything you need is at your fingertips — in the tools you already use.



### The Case for API Integration



Share data between systems



Automated data transfers without the security concerns



Timely updates of mission critical data points



Customise workflows and data processing



Greater interoperability



Check and validate data between and across all your systems



#### **How Avetta Connects**



Secure API Key Authentication



2-Way, on demand Data Updates



REST API Standard
Protocol Architecture



API documentation, sandbox environment and tech help

#### Common Use Cases

Use Cases	Description
Vendor Onboarding	Connect new suppliers straight from your procurement system without manual processes and hand-offs.
Data Validation	Compare supplier data from Avetta with other key systems to provide accuracy and consistency.
Business Analytics	Combine the data in Avetta with data from other systems to gain real insights into your supply chain and workforce.
Procurement	Sync supplier compliance statuses to internal systems to help manage purchasing decision making processes.
Worker Competence	Sync worker records with learning management systems to track learning and development goals.
Site Access	Send worker compliance status to time/attendance or access control systems to prevent unqualified workers from entering job sites.

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# Real Clients. Real Results.

How Whitehaven Are Solving Key Pain Points with Avetta APIs

# Whitehaven: on a mission to support and sustain communities through providing energy security



#### **Challenge:**

Use supply chain data collected by Avetta to better inform decision making processes



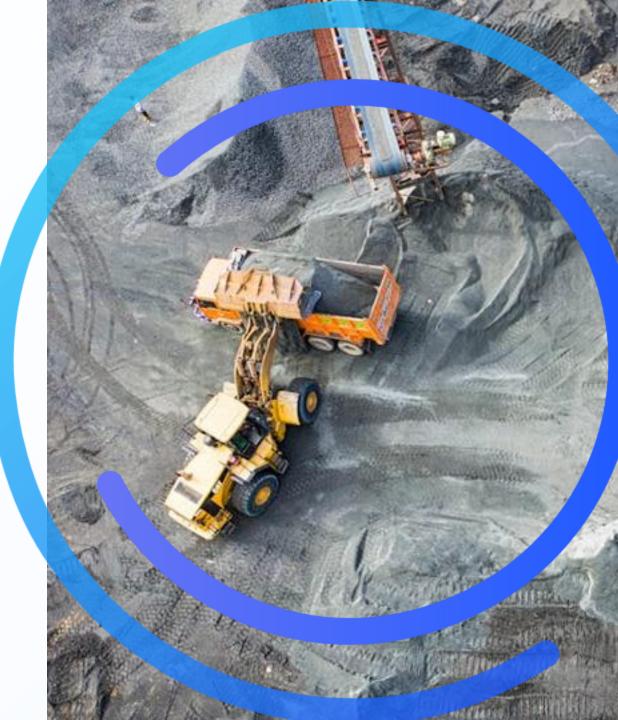
#### **Solution:**

Integrate key business and operational systems to make better use of complex datasets



#### **Impact:**

Streamlined operations, reduced duplication and centralised data for reporting and decision making





#### **Problem 1**

Teams struggle to align their internal systems to records in Avetta, leading to duplicate entries and fragmented data. This slows down registration and delays onboarding.

# **Employee Onboarding**

Sync HRIS systems with Avetta to provide for automated, timely, accurate, duplicate-free worker record creation.

#### Tools

# dayforce



#### **Data types**

- Worker details
- Company association
- Site association
- Worker termination





#### **Problem 2**

Key safety and compliance data lives in silos, making it difficult for decision-makers to see trends, track performance, or justify investment.

# **Business Intelligence**

Blend Avetta data into BI dashboards for powerful analytics.

#### Tools



Power BI



Pegasus Workforce

#### **Data Types**

- Contracting company data
- Compliance data
- Worker data
- Competency and roles data
- Exposure hours data





#### **Problem 3**

Production scheduling teams do not always know who is on site and what qualifications they have to efficiently allocate crew members to equipment for shift operations.

### Operational Foresight

Inform operation systems of worker attendance and qualifications.

#### Tools

#### CoalTrak



#### **Data Types**

- Worker log-in times
- Worker roster validation
- Worker competencies
- NOK for emergency response



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# Expert Help for Seamless API Integration

#### **Avetta API Team**

#### Our experienced integration experts are here to help!



Gather business
needs and
identify
integrations
that would
advance your
initiatives.



Understand your existing third-party systems.



Design an integration workflow that would work best between Avetta and your internal systems.



Support your IT organisations in testing the integrations.



Deploy the integrations live to automate manual processes.

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Q&A



# Thank You

Scan the QR code for more information on Avetta APIs



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