Harnessing Value via Enterprise Optimization Center

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PETRONAS
Harnessing Value via Enterprise Optimisation Centre
Established since 1974, PETRONAS is the custodian of Malaysia’s oil and gas resources; and is entrusted with the responsibility of developing and adding value to these resources.

FORTUNE Global 500 energy company with a presence in over 50 countries.

As a fully integrated petroleum corporation covering Upstream, Gas and Downstream, PETRONAS operates with the mandate to produce affordable, reliable and greener energy in a sustainable manner.

PETRONAS is committed to meet the world’s growing energy needs in a responsible and holistic manner.
CONNECTING THE DOTS VIA ENTERPRISE OPTIMISATION CENTRE

**Goal**

A Unified Experience for PETRONAS by providing end-to-end visibility of key enterprise data and insights; enabling value-driven decision making.

**Solution**

Integrated key enterprise data across the businesses and deployed the all-in-one view of PETRONAS enterprise operations.

**Benefits**

Improve business agility and speed of decision making by providing visibility of optimized operations at enterprise level.
OIL & GAS

STRENGTHENING PETRONAS RESPONSE TO MAKE CRITICAL CROSS-BUSINESS DECISIONS

- Improve visibility and transparency of key enterprise data
- Increase pace in responding to rapid changes in marketplace
- Optimize operations to meet delivery commitment
- Transition from reactive to proactive “way of working”
ENTERPRISE OPTIMISATION CENTRE FOR ENTERPRISE DECISIONS; GUARDRAILS, WORK PROCESS & DIGITAL TOOLS.
OIL & GAS

HARNESSING DATA TO DELIVER VALUE THROUGH TECH-DIGITAL PRODUCTS AND SOLUTIONS

5 billion+ PI data points are generated daily

Multiple tech-digital solutions leverage on data available in PI historian

Unified Experience via EOC

650 curated data points from all business sectors

Custom visualizations to quickly and effectively troubleshoot

Accessibility to broad range of data sources and datasets
Assign monetary and CO2e values to each molecule in real-time as it traverses the integrated value chain.

Viewing operations through prisms of production excellence, commercial performance, and emission impact.
OIL & GAS

ENTERPRISE OPTIMISATION CENTRE PROVIDE
DATA TRANSPARENCY FOR AGILITY IN DECISION MAKING

Transformational Way of Working
End-to-end visibility of key enterprise data across integrated value chains

Enhance Business Agility
The scenario planning solution built in EOC provides opportunity to expedite business growth strategies

Towards Sustainable Operations
Integrating with carbon flows facilitates transparency for decarbonizing efforts
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Any questions?

Please wait for the microphone.

Do state your name and company as well.
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Over 20,000 enterprises in over 100 countries rely on AVEVA to help them deliver life’s essentials: safe and reliable energy, food, medicines, infrastructure and more. By connecting people with trusted information and AI-enriched insights, AVEVA enables teams to engineer efficiently and optimize operations, driving growth and sustainability.

Named as one of the world’s most innovative companies, AVEVA supports customers with open solutions and the expertise of more than 6,400 employees, 5,000 partners and 5,700 certified developers. The company is headquartered in Cambridge, UK.

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