



asseto
Insights

Actionable Insights for Building Excellence



Introduction to UEM Edgenta: Tech-Enabled Company

EDGENTA

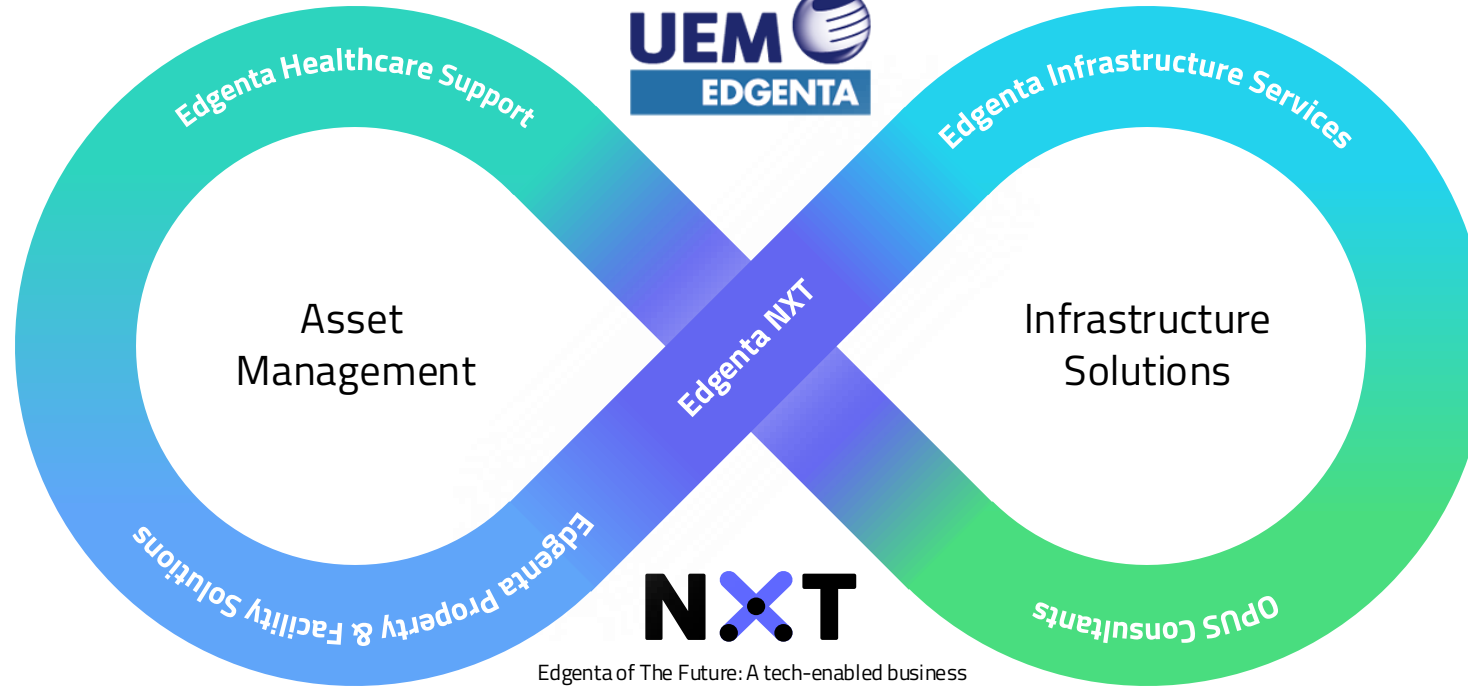
HEALTHCARE SUPPORT

- Over 300 hospitals in Malaysia, Singapore, and Taiwan
- Provides non-clinical healthcare support and technology solutions to public and private healthcare institutions

EDGENTA

PROPERTY & FACILITY SOLUTIONS

- Over 500 buildings & facilities under our care
- GBI Certified property & facilities manager
- Present in Malaysia, UAE, KSA



EDGENTA

INFRASTRUCTURE SERVICES

- Manages the maintenance of 3,500 KMs of highways & state roads
- Present in Malaysia & Indonesia

OPUS CONSULTANTS

AN EDGENTA COMPANY

- Over RM100 billion worth of projects delivered in Malaysia
- Multi-disciplinary infrastructure and asset consultancy services and project management in roads and rails

NXT

Edgenta of The Future: A tech-enabled business enabling Digital Transformation and productisation of proprietary SaaS/PaaS solutions for Edgenta



C&C Deployment
With Digital Twin



Smart Cleaning
& Waste Mgmt.



Smart Security
& Surveillance



IoT For
Smart Building



Robotics &
Drones



Sustainability
& ESG



Energy
Management

With an International Client Portfolio Across 6 Countries



Notable Clients



Built Environment Digital Transformation Experts

Built Environment as a Service (BEaaS)

Seamless Asset
Lifecycle Management

OPEX BASED

CRADLE-GRAVE-CRADLE

MANAGED SERVICES

Integrating IT/OT

Information Technology/
Operational Technology

Fusing Assets with
Innovative Technologies

BMS/EMS INTEGRATION

IOT DEPLOYMENT

PREDICTIVE MAINTENANCE

Enabling Smart & Sustainable Cities

Modernising Assets &
Ecosystems for a Greener Future

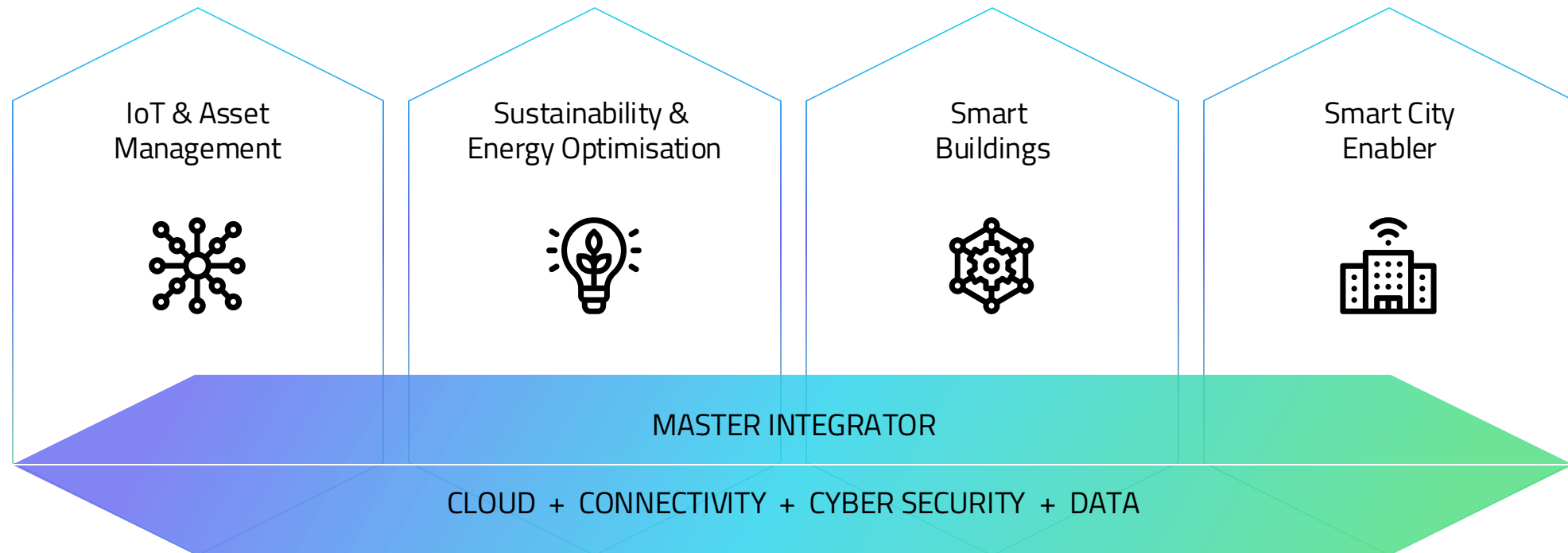
ENERGY OPTIMISATION

CARBON NEUTRALITY

SUSTAINABLE BUILDINGS



BUILT ENVIRONMENT EXPERTS DIGITALISATION IN A BOX

















Asseto Overview

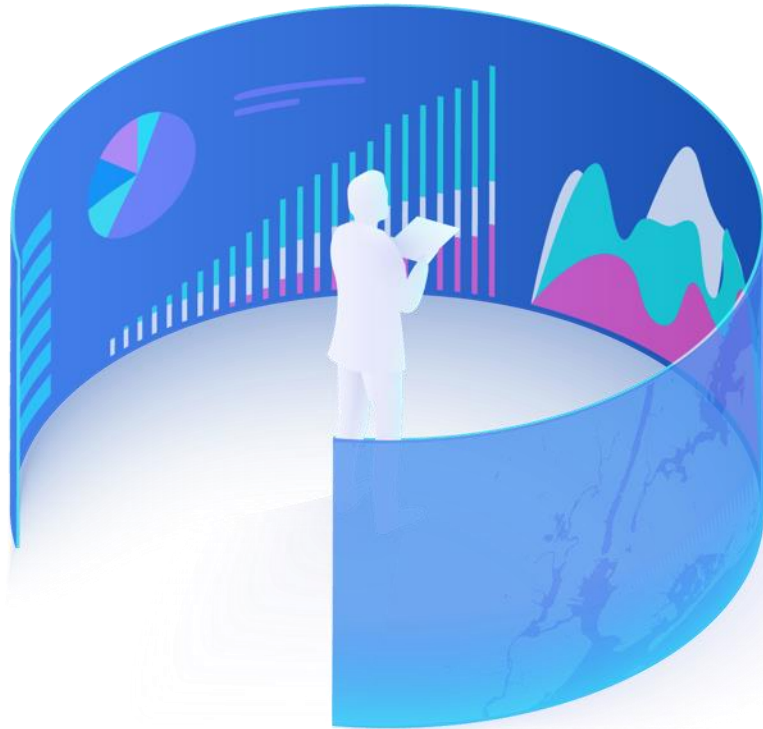
Use Cases

 <p>Environmental Monitoring</p>	 <p>Smart & AI Driven Buildings</p>	 <p>5G In-Building Solutions</p>	 <p>AI-led Energy Optimisation</p>	 <p>Green Building Compliance</p>
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Powered by



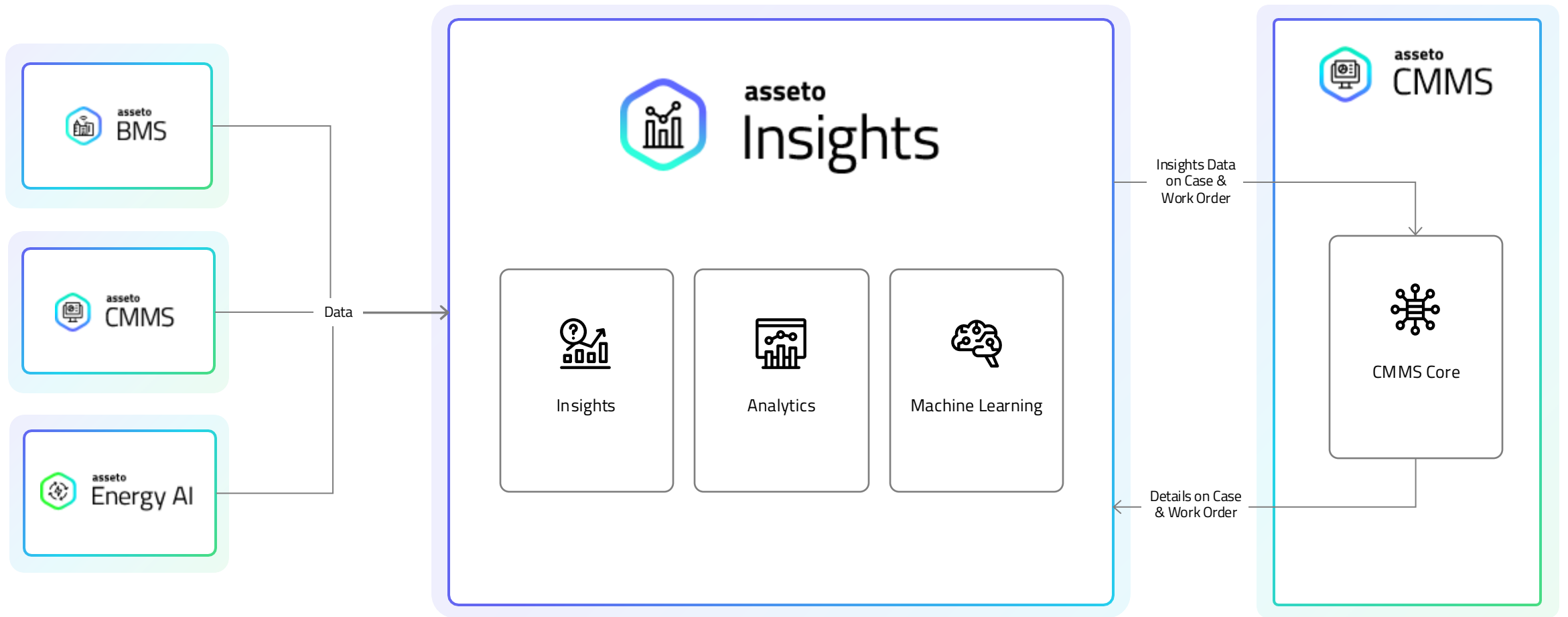
 <p>asseto BCA</p> <p>Ensuring structural integrity includes routine surveys, deficiency tracking, and automated workflows.</p> 	 <p>asseto CMMS</p> <p>Proactive and predictive maintenance with comprehensive asset lifecycle management.</p> 	 <p>asseto ePTW</p> <p>Oversee and monitor the approval process for high-risk maintenance activities, ensuring adherence to safety protocols.</p> 	 <p>asseto BMS</p> <p>Centralised control of HVAC, lighting, and critical systems with real-time monitoring and alerts.</p> 	 <p>asseto IoT</p> <p>Scalable IoT platform for seamless device and sensor integration across protocols.</p> 	 <p>asseto Energy AI</p> <p>AI-driven energy management with real-time consumption tracking and optimisation.</p> 	 <p>asseto Insights</p> <p>Actionable insights and customisable dashboards for enhanced building performance and real-time monitoring.</p> 
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asseto
Insights

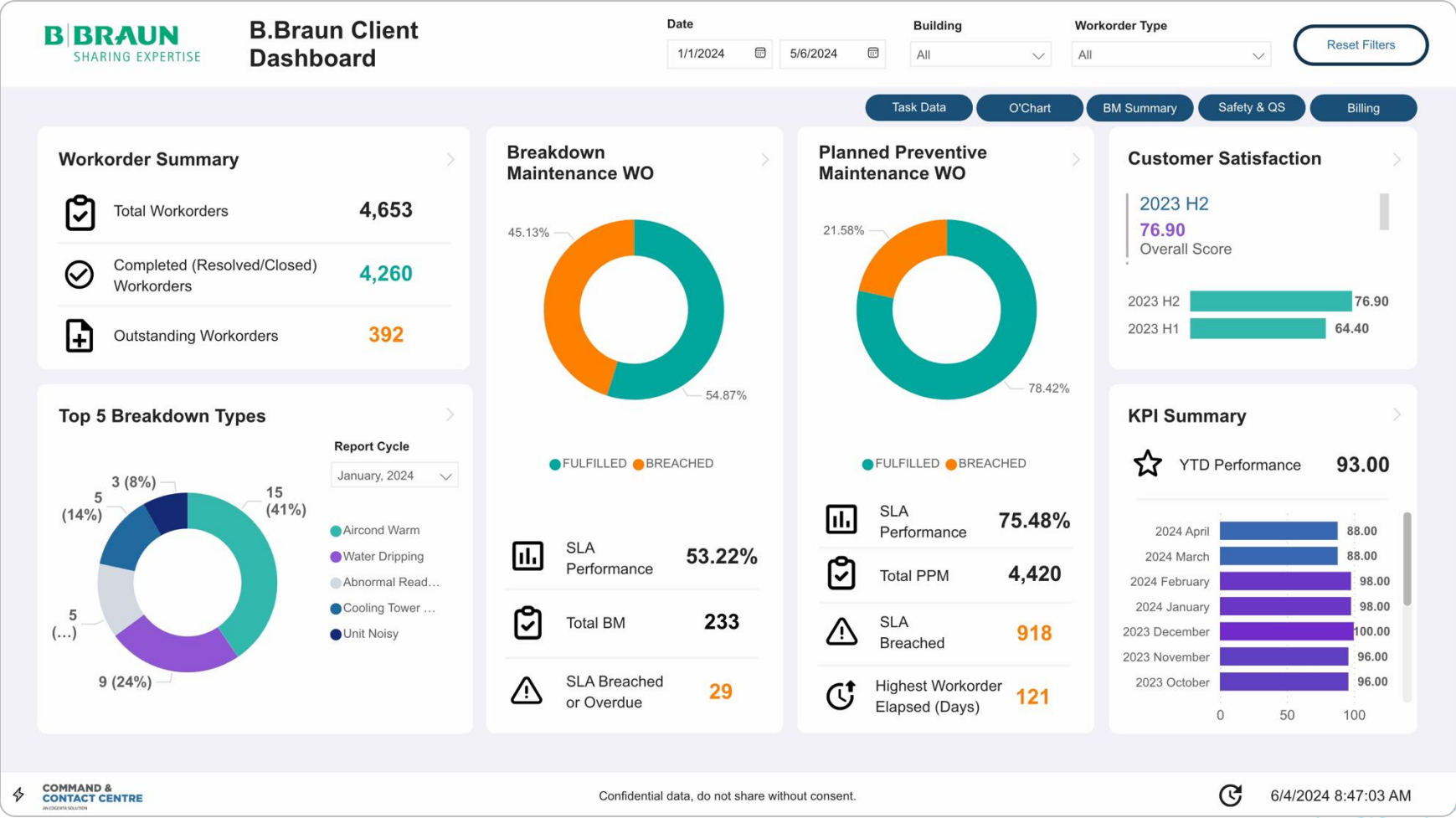
- Transform raw data into actionable insights
- Anticipate and address issues proactively
- Gain critical insights for asset and workforce optimisation





Intelligent, Context-Rich Insights For Data-Led O&M

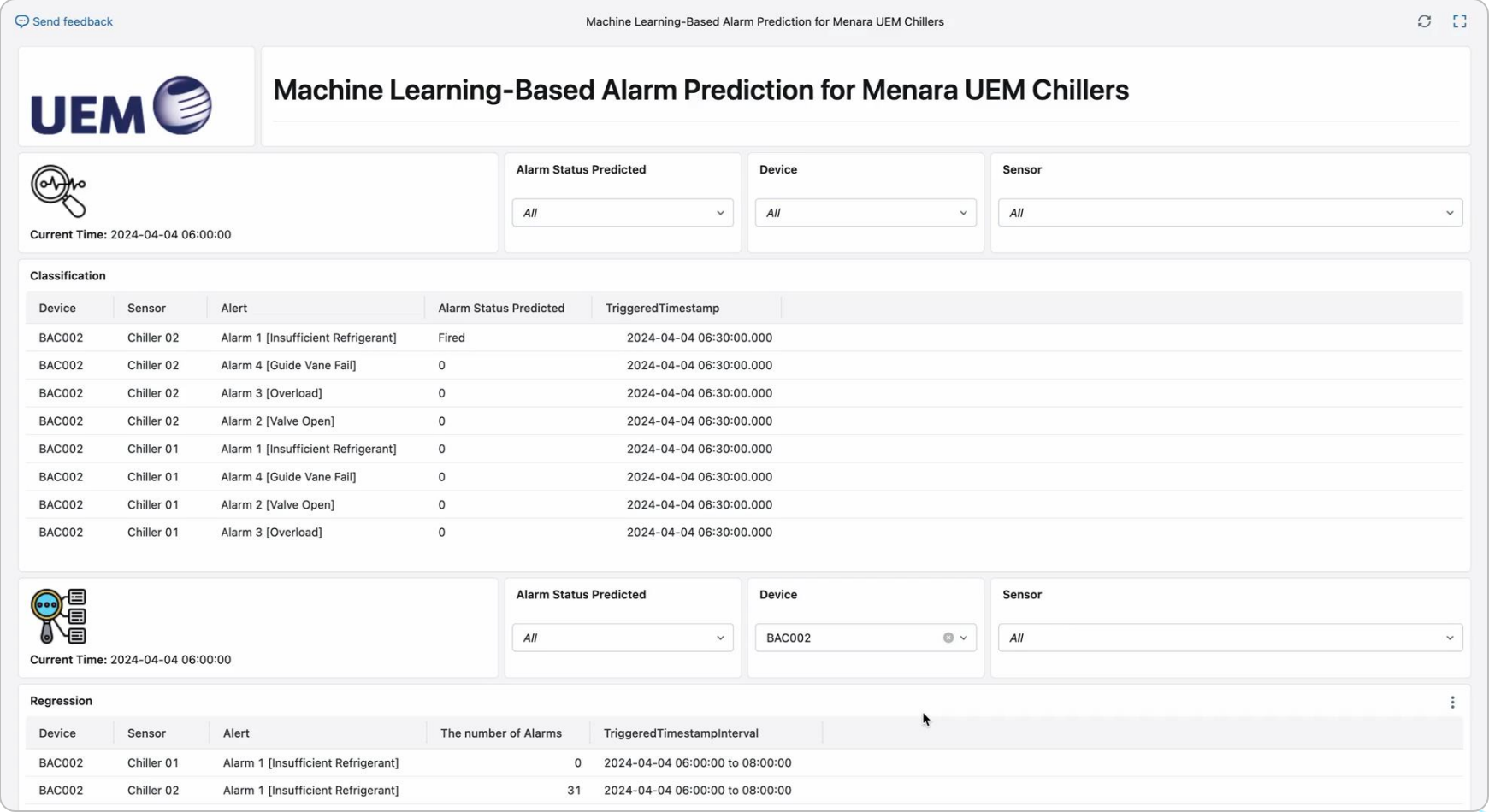
Leverage your organisation's existing stack and connect your data, tools, and teams to move from scheduled maintenance to data driven maintenance



USE CASE

Tenant dashboards: comprehensive insights for performance and satisfaction

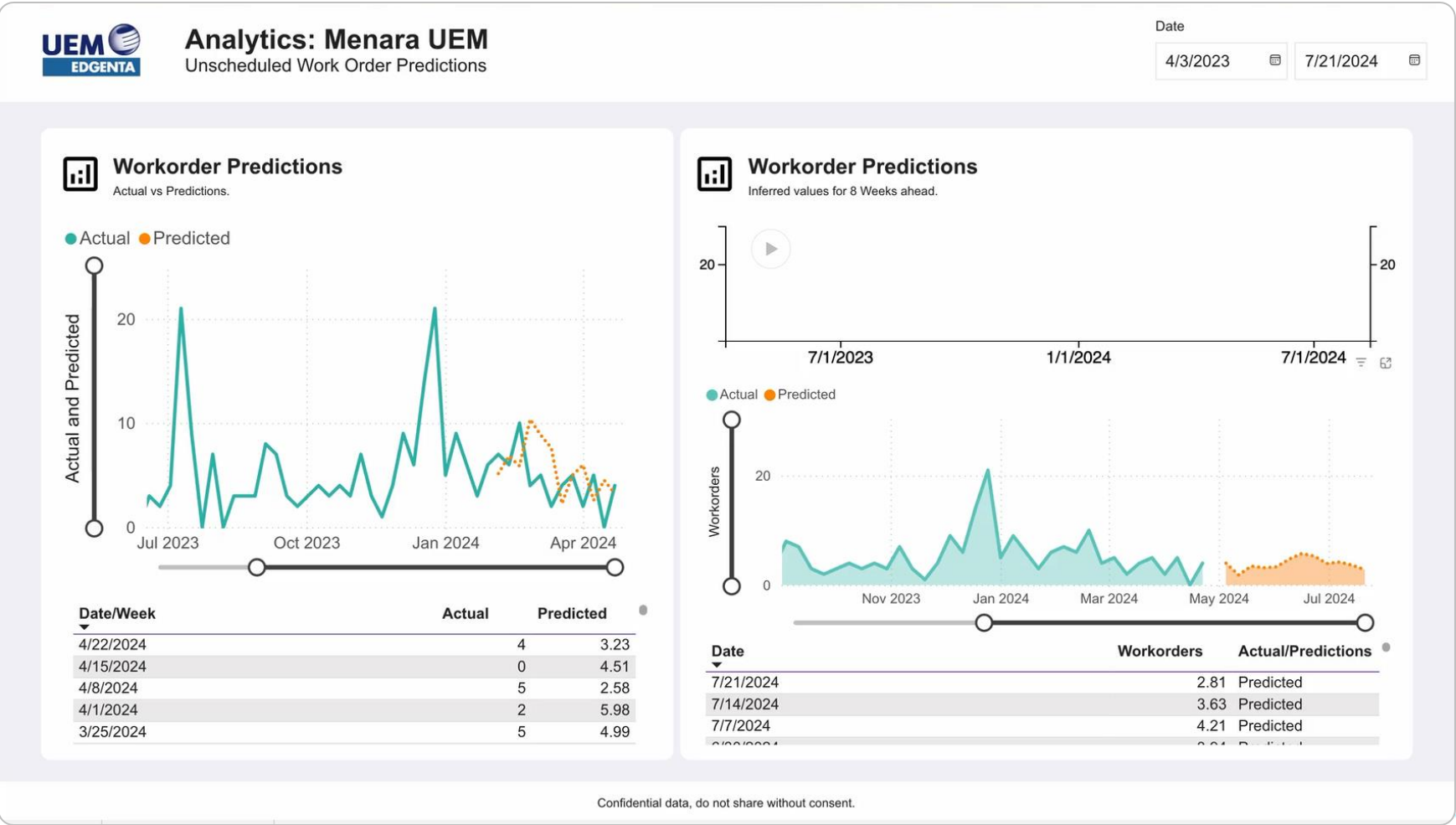
- Work order breakdown and sla fulfilment analysis
- Customer satisfaction and KPI score tracking
- Agent performance metrics and insights



USE CASE

Asseto predictive alarms: early warnings and performance insights for chillers

- Predictive alarm system using machine learning for early warnings
- Detailed alarm analytics with interactive charts and root cause insights
- Performance optimisation and integration with BMS



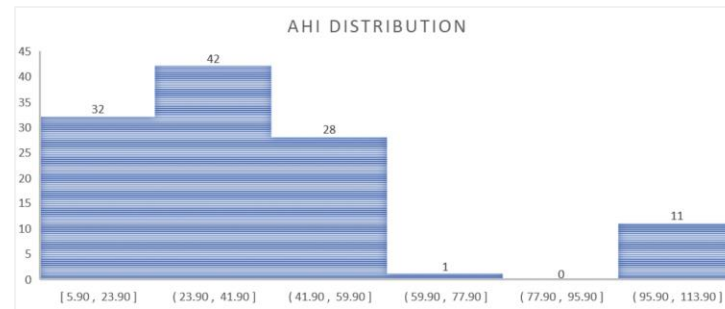
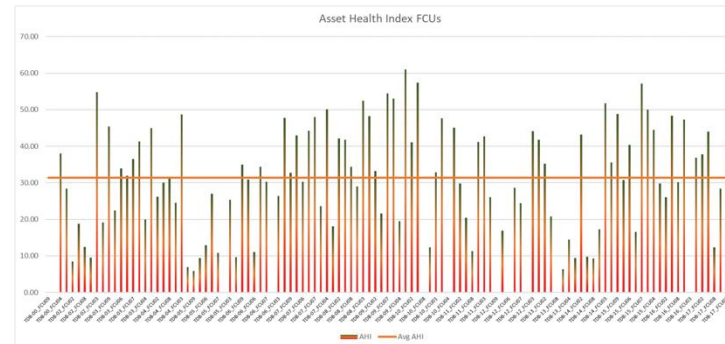
Client Showcase



WHAT WE DELIVERED

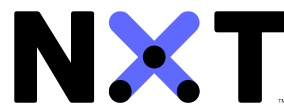
FCU Performance Analysis

Asseto intelligence was implemented as the core decision system on driving data led O&M to monitor and manage asset performance for a portfolio of around 100+ FCUs.



CAPABILITIES & SOLUTIONS PROVIDED

1. Analysis of all FCUs in relation to 3 key outcomes:
 - a. Energy Efficiency
 - b. Reliability
 - c. Thermal Comfort
2. Utilised forecasting model to derive the position of Cooling Valve for each of the FCUs for each specific time.
3. Based on the proprietary Asset Health Index, the 20 Worst Performing FCUs are identified, with specific assessment recommended to the engineering team
4. Enabled UEM Edgenta to move from scheduled maintenance to data led maintenance, with direct integration and recommendation from Asseto Intelligence to Asseto CMMS's Work Order Management system.



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