



CASE STUDY

How FDC Utilities unleashes intelligent operations with Octave Attune EAM



Key facts:

Company:
FDC Utilities, Inc.

Industry: Power
generation and utilities

Location: Philippines

Employees: 300+

Parent Group: Filinvest
Development
Corporation

Core Asset: 405 MW
FDC Misamis
Power Plant

Octave products used:
Attune EAM (*HxGN EAM*)

Overview

FDC Utilities, Inc. (FDCUI) is the power generation arm of Filinvest Development Corporation, one of the Philippines' leading diversified conglomerates. It plays a critical role in delivering reliable and competitive electricity across the region.

Its flagship 405 MW FDC Misamis Power Plant is a cornerstone of grid stability in Mindanao, supporting utilities and industrial customers with dependable baseload capacity.

As the Philippines energy sector accelerates its transition toward sustainability, FDCUI is actively expanding its renewable energy portfolio while strengthening operational excellence across its growing asset base. This requires increasingly robust and scalable asset management capabilities.

Success depends on balancing growth, reliability, cost competitiveness and sustainability in an environment defined by regulatory change, market volatility and rising operational complexity.

The challenge: limited visibility was holding back performance

Operating in a rapidly evolving energy market, FDCUI needed to manage assets more effectively while maintaining reliability and competitiveness to support long-term growth ambitions.

Key focus areas for improvement included:

- Establishing a single, reliable source of asset and parts data
- Structuring maintenance planning and execution processes
- Improving visibility into work orders, spare parts and costs
- Connecting operational workflows with financial governance
- Reducing reliance on manual and disconnected processes
- Transitioning from fragmented coordination to a fully integrated, data-driven operating model, enabling stronger reliability, better cost control and scalable growth.

Key benefits:

- Centralized asset and maintenance visibility
- Integrated end-to-end processes (budget, execution, payment)
- Improved maintenance planning and operational reliability
- Enhanced cost control and financial transparency
- Enterprise-wide adoption across operations, finance, procurement and support functions



The solution: Attune EAM embedded across the enterprise

FDCUI leveraged Octave Attune EAM (formerly HxGN EAM) to establish a unified digital foundation for asset management and enterprise operations. Adopting a phased and modular approach, the organization progressively expanded from core controls to full operational integration.

Core capabilities implemented

- Asset and maintenance lifecycle management
- Work order planning and execution
- Permit-to-work (PTW) and safety processes
- Inventory and spare parts tracking
- Budgeting, procurement and financial workflows
- Enterprise-wide process standardization

Custom modules driving business value

FDCUI reinforced the platform with targeted enhancements, including:

- Budget control module to strengthen financial governance
- PR / PO / RFP workflows to streamline procurement and approval cycles

These modules created a direct link between operational execution and financial control, ensuring end-to-end visibility and consistency across the organization.

Configuration driving adoption

A key success factor was the system's strong configuration capability, which enabled FDCUI's internal IT team to tailor processes, screens and workflows to business needs.

This flexibility accelerated enterprise-wide adoption, allowing the platform to scale beyond maintenance into daily operations across departments.

Today, Attune EAM is embedded across operations, finance, procurement, warehouse and support functions, forming a true enterprise platform.

Attune EAM acts as the operational backbone of FDCUI.

It supports:

End-to-end workflows - from budgeting through to payment, maintenance, inventory and safety

Enterprise-wide adoption across virtually all employees

Integration of both structured and unstructured operational data

"Our vision is to operate in an environment where decisions are fully data-driven, enabling us to link day-to-day operations with long-term strategic outcomes."

**M. Juan Eugenio
L. Roxas**
President & CEO FDCUI

Implementation approach

FDCUI adopted a scalable and sustainable approach:

Phased rollout aligned with business priorities

Agile delivery enabling continuous improvement

Strong governance through standardized processes and master data

In-house ownership for faster adaptation and control

Continuous training to drive long-term adoption

This model ensured both rapid value delivery and long-term scalability.

The impact: from fragmentation to control, reliability and confidence

A defining element of the transformation was the shift from manual coordination to structured, system-driven execution. FDCUI has shifted from disconnected processes to a more disciplined, integrated operational model.

Key benefits

Operational reliability

- Improved maintenance planning and execution discipline
- Reduced exposure to unplanned downtime
- Stronger control over asset lifecycle performance

Process efficiency

- Full integration from budgeting to work execution and payment
- Reduced manual intervention and process variability
- Standardized workflows across all departments

Data-driven decision-making

- Centralized and consistent asset data
- Improved reporting accuracy and visibility
- Alignment between operations and financial insights Enterprise Scale
- Platform adoption across the entire organization
- Alignment between operations, finance, procurement, and support functions
- Scalable foundation supporting ongoing asset growth and complexity

"By embedding asset management into our core processes, we have strengthened visibility, improved discipline and created a scalable foundation for future growth."

**M. Juan Eugenio
L. Roxas**



Looking ahead: unlocking predictive, analytics-led operations

With a strong digital foundation now in place, FDCUI is focused on advancing toward predictive, data-driven operations.

Strategic priorities include:

- Expanding advanced analytics and reporting
- Integrating enterprise systems for end-to-end visibility
- Transitioning toward reliability- and risk-based maintenance
- Exploring predictive analytics and digital twin capabilities
- As the company continues to grow, both in conventional and renewable energy, Attune EAM provides the scalable foundation to support long-term, data-driven operations

Conclusion: building resilience through connected intelligence

FDCUI's journey demonstrates how asset-intensive organizations can turn complexity into a competitive advantage.

FDCUI's adoption of Attune EAM has enabled a transition from fragmented processes to a fully integrated, enterprise-wide operating model. By combining strong configuration flexibility, targeted custom modules and broad organizational adoption, the company has built a scalable platform that supports both operational excellence today and long-term growth in an evolving energy landscape.

About Octave

Octave is a leader in enterprise software, turning data into decisive action and intelligence into your edge. Our software solves for and simplifies complexity, from the design and build to operations and protection of people, property and assets – for any scope, at any scale. For decades, we've partnered with customers to sharpen performance, elevate efficiency and amplify results. From factory floors to entire cities, our solutions are tuned to scale up what's possible from day one onward.

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