

Powering Up Efficiency for one of the World's Largest Waste-to-Energy Plants

Industry: Energy & Utilities
Size & Revenue: ~100 employees



Business Problem

The client encountered challenges including a complex joint venture structure with multiple stakeholders, a highly intricate asset hierarchy tied to various systems, and significant integration hurdles for exchanging financial and HSE information, impacting operational efficiency and asset management.

How Intertec Helped

- **Enhanced Asset Management:** Introduced a 4-level asset hierarchy, barcoded assets for tracking, and detailed elevation data for improved monitoring.
- **Streamlined Work Management:** Automated corrective, preventive, and shutdown maintenance with optimized scheduling and resource allocation.
- **Boosted Mobility:** Enabled mobile-based inspections, online/offline work execution, and reduced reliance on paper-based tasks.
- **Seamless Integration:** Unified EAM with PTW solutions, fostering collaboration across finance, HSE, and operations.
- **Optimized Inventory Management:** Automated procurement, lifecycle management, and long-term purchasing with reduced errors.
- **Improved Cost Management:** Integrated cost tracking with financial systems, ensuring accurate and flexible expense allocation.

Business Outcomes Delivered

The implementation of the EAM system resulted in several key outcomes for the client:

- **Boosted Asset Data Accuracy & Transparency:** With a unified, integrated platform, the client now has a single source of truth for asset information.
- **Improved Employee Productivity:** Mobility features empowered the workforce with on-the-go asset management capabilities, reducing administrative burdens.
- **Process Automation & Optimization:** Automated maintenance, inventory, and cost management processes enhanced employee productivity and operational efficiency.
- **Enhanced Decision-Making:** Better analytics and reporting capabilities provided real-time insights, enabling informed decision-making across all departments.