

Case study

How a Regional Utility Reduced Inventory Liabilities by \$4M with Modern Meter Inventory Analytics

Automated SAP reporting. Real-time inventory visibility.
Smarter purchase order forecasting.

Client Overview

A regional energy and utility company operating across multiple service territories relies on a large field workforce and distributed meter shops to keep its infrastructure running. Meter inventory is tracked in SAP across storage locations, operating companies, and distribution centers. To support planning, procurement, and field operations at scale, the customer needed a single, trusted view of meter inventory that shop managers and supply chain leaders could act on every day.

Challenges

- Meter shop managers lacked visibility into current inventory levels across operating companies
- SAP data was difficult to extract due to heavy production regulations, and its table and field structures were not intuitive or business friendly, slowing analysis
- Data reload times were longer than expected, delaying reporting and decision-making
- No unified view of purchase orders, deliveries, and planned install rates
- Turnover ratios, burn rates, and purchase order forecasts were difficult to calculate consistently

4M

Reduction in Inventory Liabilities

After Partnering With Blue Mantis, the Customer Achieved:

- \$4M reduction in inventory liabilities
- 100% of inventory reporting automated
- A single, trusted version of inventory data across all shop managers
- Significant reduction in SAP query load and reload times
- Real-time visibility into inventory levels, turnover ratios, and burn rates
- Smarter purchase order forecasting to prevent overstock and shortages
- Users freed from manual data gathering to focus on analytics and decisions

Solutions

Blue Mantis designed a Data Enablement and Analytics solution that gave meter shop managers a holistic view of inventory across every operating company. The team streamlined SAP extraction by narrowing the dataset to what mattered most, improving reload performance and reducing query load.

Strategic master calendar rules unified historical purchase orders, deliveries, current inventory, and future planned installs, while runtime flags powered efficient calculations for burn rates and turnover ratios. An Agile delivery approach translated complex business rules for storage locations, operating companies, and distribution centers into a working solution quickly and iteratively, delivering a single version of the truth that automated 100% of inventory reporting and helped the customer right-size inventory and cut carrying costs.



Our goal was to provide a single version of the data and streamline reporting and testing. Blue Mantis delivered exactly that, and gave our shop managers insight we never had before.

**Solutions Engineer, Energy & Utility
Customer**