

Virtual Power Plant Energy Asset Mgmt.

ABB OPTIMAX Reference Architecture



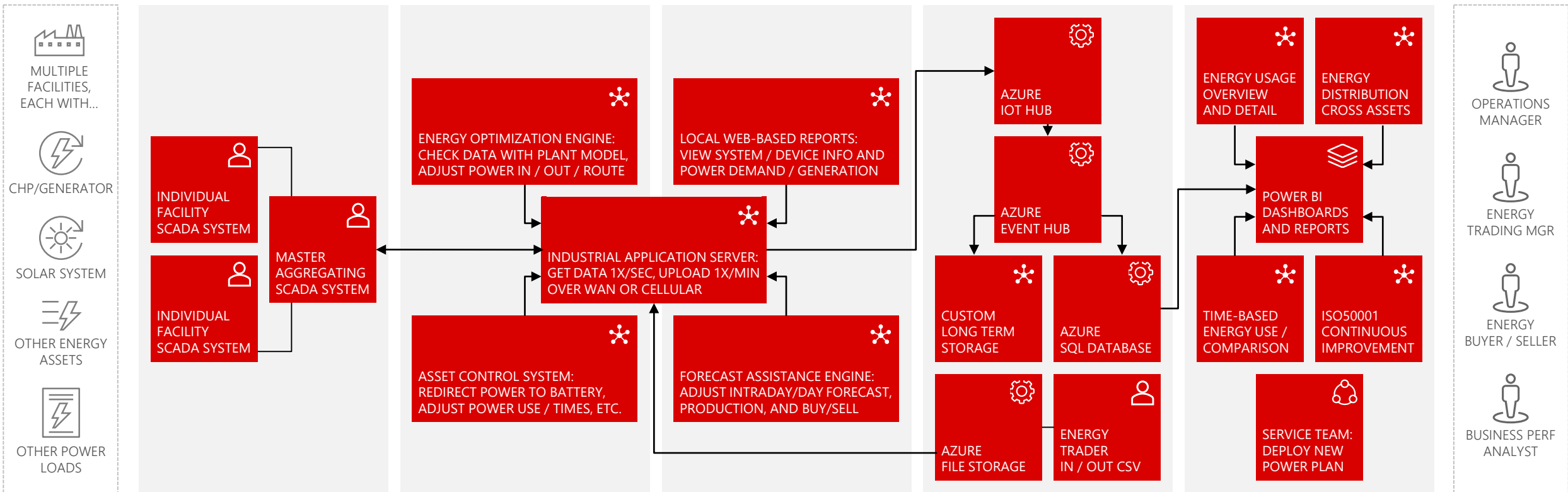
System Integration
Our solution integrates operational data from all your energy assets across all facilities and analyzes it against your power plan and goals.

Energy Optimization
Energy optimization algorithms review each facility and asset against the plan and recommend changes to production / capacity.

Energy Forecasting
Production data is merged with info from traders in reports that help you accurately adjust forecasts and maximize returns.

Cloud Services
Microsoft's Azure cloud provides a scalable, resilient, secure platform for your operational data and for our solution components.

Mgmt. Experience
Your team uses Power BI to review energy assets and production, improve efficiencies and meet continuous improvement req's.



- MULTIPLE FACILITIES, EACH WITH...
- CHP/GENERATOR
- SOLAR SYSTEM
- OTHER ENERGY ASSETS
- OTHER POWER LOADS

- OPERATIONS MANAGER
- ENERGY TRADING MGR
- ENERGY BUYER / SELLER
- BUSINESS PERF ANALYST

Partner component
 Solution Builder component
 Azure service
 Microsoft product
 Customer component