

Grid Assets Digital Twin

AI-Powered Spatial Intelligence for US Electric Utilities

Powered by : Data 360 + Agentforce + Tableau Next



13+
Live Data Layers



Real-Time OMS, Smart Meters & Flood Data



360°
Grid Visibility



33KV / 11KV & LT
All Voltage Levels Mapped

THE CHALLENGE

- **No real-time visibility** of outages, circuits or transformer status.
- **Disconnected utility systems** require manual data reconciliation.
- **No predictive risk insights** for weather-related failures.
- **High-loss circuits detected late** without live GIS maps.
- **Reactive restoration** due to poor alternate supply visibility.

THE AI SOLUTION

- **Live Digital Twin** with 13+ GIS layers for circuits, transformers, substations and hierarchy drill-downs.
- **Tableau Pulse** monitors SAIDI/SAIFI, losses, overloads and trips with proactive AI alerts.
- **Tableau Next (Conversational AI)** lets users query grid data in plain language no SQL or dashboards.
- **Agentic Alerts** automate crew dispatch, OMS tickets and compliance logging in under 45 seconds.

KEY DIFFERENTIATORS

- **13+ Layer** Live GIS Grid Map
- **Real-Time** Transformer Monitoring
- **AI-Powered** SAIDI/SAIFI Alerts
- **Natural Language** Grid Q&A
- **45-Second** Alert-to-Dispatch Automation
- **60-70% Faster** Outage Restoration
- **3-5% Lower** Distribution Line Losses
- **Single Pane of Glass** for T&D Operations
- **Storm Risk** Asset Intelligence
- **Native Salesforce** Integration

WHAT THE AI DELIVERS

Operational Outcomes

- **Live** Grid Visibility
- **45-Second** Alert-to-Dispatch
- **AI-Driven** Outage Response
- **Real-Time** Asset Monitoring
- **Predictive** Grid Operations

Financial Outcomes

- **60-70% Faster** Restoration
- **3-5% Lower** Line Losses
- **Reduced** Field Operations Cost
- **Optimized** Asset Utilization
- **Lower** Outage Recovery Cost

Strategic Outcomes

- **Single Pane of Glass**
- **Storm-Ready** Grid Intelligence
- **Native Salesforce** Integration
- **Improved** Grid Reliability
- **Data-Driven** Decision Making

IDEAL FOR

Investor-Owned & Municipal Utilities

Grid Operators & Control Rooms

GIS & OMS System Integrators

Utilities Seeking AI Spatial Intelligence

NEXT STEPS

Step 1: Executive Demo (1 Week) – See the digital twin on your utility data.

Step 2: Pilot Deployment (3-4 Weeks) – Validate AI-driven map intelligence in weeks.

Step 3: Scale & Subscription Activation – Expand to more layers and territories.

