SYSTEM ARCHITECTURE

einshtein IoT Ecosystem

From the edge gateway, through the cloud platform, to the tools your teams use every day.

01

Edge

On-site gateway

einshtein coolio

Edge AI IoT Gateway

LoRaWAN · NB-IoT · NTN · BACnet · Modbus · MQTT · WiFi · Proprietary protocols

02

Cloud

Core platform

einshtein SaaS CLOUD PLATFORM

- Device Management
- Data Ingestion & Processing
- Connectivity & Security
- Workflow Automation
- API Gateway · Multi-tenant Cloud
- Real-time Event Streaming

03

Applications

Built on the platform

IoT Platform

- Sensors
- Telemetry
- Protocols
- MQTT

Field Service

- Scheduling
- Assets
- Remote Diagnostics
- Alerts

AI / ML

- Sensorless Predictive Analytics
- Anomaly Detection

BI & Analytics

- Dashboards
- KPIs
- Reports
- Insights