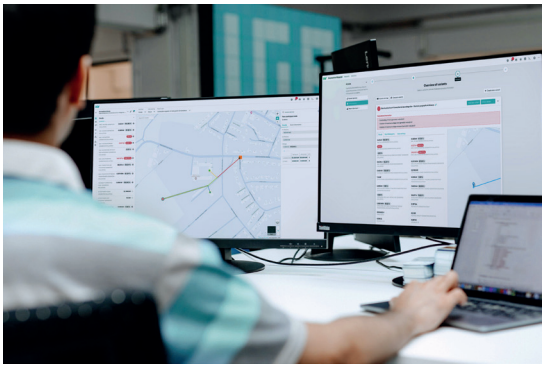
MANAS
Innovation For Future



MNS IoT Platform

Smart Management Platform

MNS IoT Platform is an enterprise smart metering management platform designed for electricity, water, and natural gas utilities, municipalities, and organized industrial zones. The platform integrates data collection, device management, analytics, billing, and payment processes into a single ecosystem, enabling operational efficiency and revenue assurance.

Enterprise AMI
With its MASS-compliant architecture, the platform enables centralized management of millions of smart meters. Electricity, water, and gas meters can be monitored, remotely managed, and seamlessly integrated with enterprise systems through a unified platform.

Key Features
• Scalable architecture designed for 10+ million connected devices
• Single platform for electricity, water, and natural gas management
• Remote meter management and operational support
• Integration with SCADA, GIS, ERP, and third-party enterprise systems
• On-premise and private cloud deployment options
• KVKK and GDPR-compliant data management

Meter-to-Cash
Digitizes the entire workflow from meter reading to billing and payment collection, helping utilities optimize revenue management processes.

• Automated data collection and billing
• Prepaid metering and NFC card support
• Online payment and collection integrations
• Field operations and work order management

AI/ML Analytics
Advanced analytics and artificial intelligence capabilities help utilities analyze consumption patterns, identify non-technical losses, and support data-driven operational decision-making.

• Loss detection and anomaly identification
• Consumption and load profile analytics
• VEE (Validation, Estimation & Editing) engine
• Predictive analytics and reporting

Use Cases
Electricity Distribution Utilities
Water Utilities
Natural Gas Distribution Companies
Municipalities and Smart City Projects
Organized Industrial Zones

Key Advantages
MASS-compliant architecture
Multi-utility support (Electricity, Water, Natural Gas)
Digital Twin technology
AI-powered analytics
End-to-end Meter-to-Cash management