

Advanced Monitoring How can you benefit?

Our **Advanced Monitoring Solutions** leverage real-time data insights, predictive analytics, and automated alerts.

Delivering results through:

- ✓ **Operational and Maintenance Savings** – Reduces mobilization requirements and minimizes the need for outsourced monitoring and analysis.
- ✓ **Permanent System Monitoring** – Establishes a long-term solution for tracking system performance across key infrastructure components.
- ✓ **Data Quality and Billing Optimization** – Provides interconnect and billing data analysis while resolving data quality issues for improved accuracy.
- ✓ **Regulatory Compliance** – Ensures utilities meet regulatory requirements and reporting standards, reducing compliance risks.
- ✓ **Economic Impact Reduction** – Lowers costs associated with system failures and infrastructure damage.
- ✓ **Event and Anomaly Detection** – Detects and tracks storm events, blockages, line breaks, and other system disruptions in near real time.

Ready to Learn More?

AdvancedMonitoring@coreandmain.com

CORE+

CORE & MAIN

Core & Main empowers Smart Utilities with our Advanced Monitoring Solutions

Core & Main recognizes the daily challenges utilities encounter in their operations and has developed an industry-leading portfolio of solutions to address these issues effectively. Our approach tackles problems as they emerge and enables proactive resource allocation to areas of greatest need.

Through our Advanced Monitoring Solutions (AMS) portfolio, we deliver a comprehensive suite of tools designed to meet the diverse demands utilities face in managing water, wastewater and storm systems.

The strategic deployment of sensors across a utility's system, combined with historical data and advanced analytical software, enables utilities to access critical system health diagnostics at the touch of a button.

Our skilled and experienced team is prepared to support you at every stage, whether you're designing a new system or enhancing an existing one. From hardware and software to installation, maintenance services, and data analytics, or any combination thereof, Core & Main is here to help.

Smart Utility Provider	National Distribution Network
Complete Solution Capabilities	We are the Smart Utility Experts
 Metering Systems, Software and Services	100 ⁺ Years in Business
 From Assetment to Fully Managed	1900 ⁺ Smart Utility Deployments

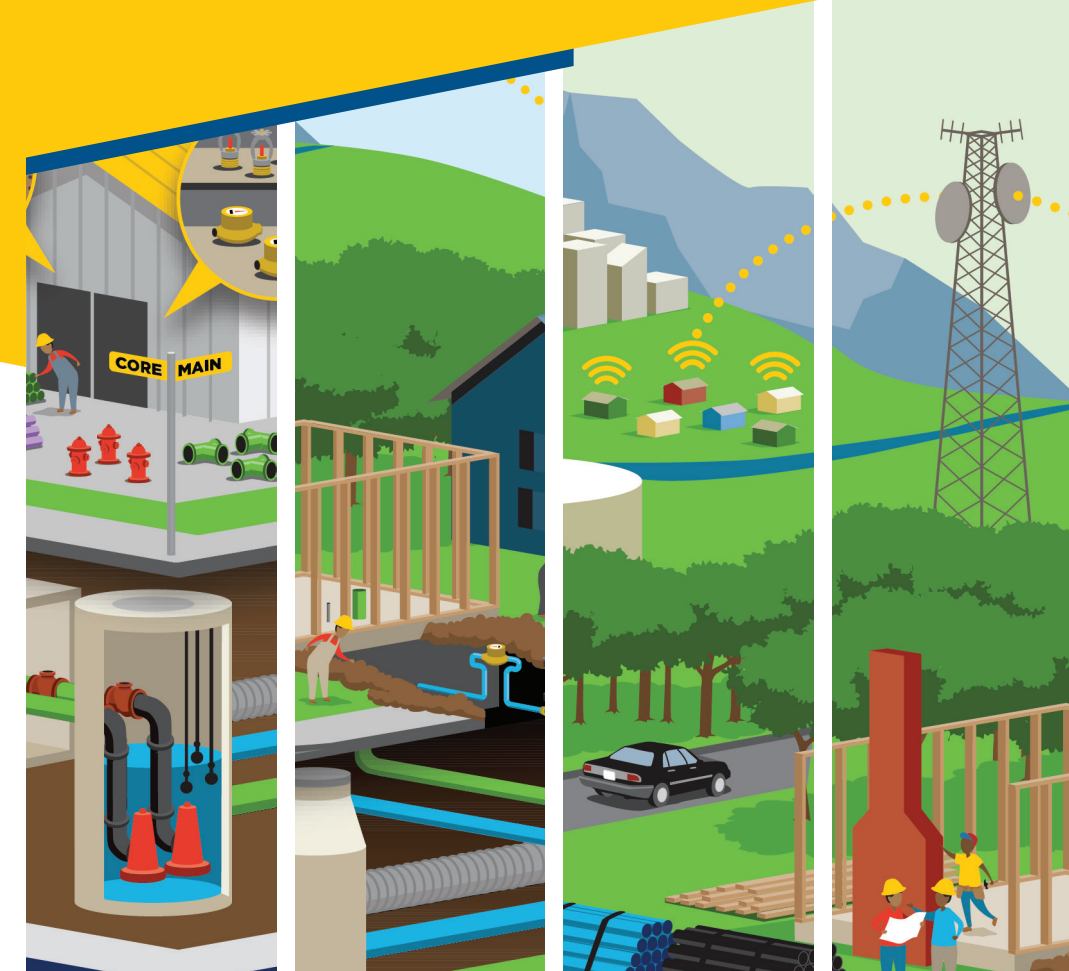


1830 Craig Park Court
Saint Louis, MO 63146

Local Knowledge
Local Experience
Local Service, Nationwide®



ADVANCED MONITORING SOLUTIONS



Monitor

Inspect

Analyze

Optimize

CORE+

Advanced Monitoring What is it?

Core & Main has developed the industry's first complete solution to help utilities tackle infrastructure challenges through advanced technology and data-driven insights. With this vision, we designed our **Advanced Monitoring Solution (AMS)**, engineered to optimize system performance, reduce operational costs, and ensure regulatory compliance.

This solution provides utilities with tools to monitor, analyze, and optimize infrastructure, ensure proactive maintenance, real-time event detection, and long-term sustainability. Through our CORE+ AMS offerings, utilities gain unmatched visibility and control over their infrastructure, allowing them to minimize operational risks, enhance compliance, and improve overall system resilience.

How does it work?

SENSORS

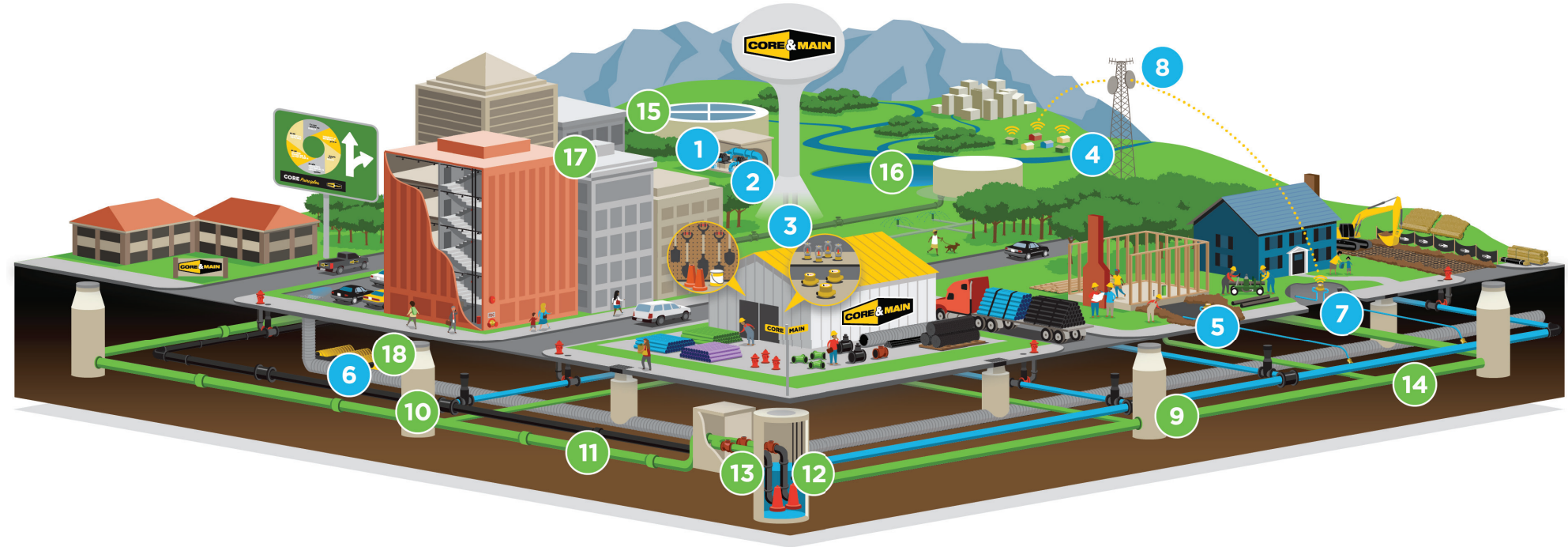
Core & Main partners with leading vendors to deliver a full range of monitoring solutions for both water and wastewater systems. For wastewater systems, we offer flow meters, level sensors, H2S sensors, and rain gauges to track performance and identify issues. For water distribution networks, we provide acoustic, pressure, and water quality monitoring devices to help detect leaks, monitor water quality and manage overall system health. Whether you need a single device or a combination of devices, our team will design and implement a solution that fits the needs of your utility.

COMMUNICATIONS

Our Advanced Monitoring Solutions work seamlessly across AMI, cellular, LoRaWAN, and satellite networks – ensuring reliable connectivity in any environment. This flexibility maximizes your existing network investments while supporting dependable monitoring and operations.

PREDICTIVE ANALYTICS

Through our leading technology partners, Core & Main delivers cloud-based advanced analytics software powered by AI/ML. These scalable, modular platforms transform complex utility data into clear, interactive dashboards for decision-making. Fully vendor- and data-agnostic, they integrate seamlessly with existing systems, enabling utilities to unlock new value from the information they already have while ensuring interoperability across the entire ecosystem.



Water Cycle Monitoring



1. Wellfield Sensors (Flow, Pressure & Water Quality)



2. Raw Water Influent Monitoring



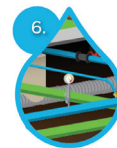
3. Finished Water Monitoring



4. District Metering



5. Residential & Commercial Metering



6. Distribution Pressure Sensor



7. Distribution Level Water Quality



8. AMI & IoT Communications Network



9. Sanitary Sewer Overflow



10. Sewer Flow and I&I Identification



11. Volume Water & Sewer Customer Billing Meters



12. Emergency Lift Station Level Monitoring



13. Sewer Gas (H₂S) Sensor



14. Pressure Transient Sensing



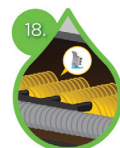
15. Wastewater Treatment Influent Monitoring



16. Surface Level Water Quality Monitor



17. Rain Gauge for Gauge Adjusted Radar Rainfall (GARR) Data



18. Storm Water Monitoring



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