



SMART METERING FOR UTILITIES

SMART METERING | PROJECTS & SERVICES | SOFTWARE SOLUTIONS | ADVANCED MONITORING

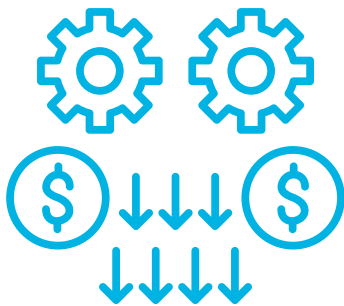


**METER
EXPERTS**



Depend on **Core & Main** to assist you with solutions for meter modernization and improvement projects. Our team of dedicated specialists provide tailored solutions and services that address your utility needs and optimize your operations. With a robust portfolio of smart meters, we empower every utility to achieve residential and commercial metering goals with precision and efficiency. Core & Main offers a gateway to smarter utilities, delivering seamless integration of advanced systems for superior service and operational excellence.

**Solutions and support
for long-term success**



Operational Efficiency and Cost Savings

Smart meters and AMI reduce labor-intensive manual meter reading, streamline billing processes, and enable remote diagnostics. Utilities can detect leaks, tampering, and outages in near real-time, which minimizes downtime and improves resource allocation.



Revenue Integrity and Financial Planning

With accurate, time-stamped consumption data, utilities eliminate billing estimates and reduce disputes. Theft detection and usage analytics help prevent non-technical losses, while financing options and revenue benefit analyses support long-term financial planning.



Customer Engagement and Service Quality

Smart meters empower utilities to offer flexible pricing models (e.g., time-of-use rates), provide real-time usage alerts, and enhance transparency. This leads to increased customer trust, fewer complaints, and more proactive service delivery.



OFFERING **YOU** THE INDUSTRY'S MOST COMPLETE LINE OF **WATER, WASTEWATER, STORM DRAINAGE MATERIALS & SERVICES**

SMART METERING

- Residential
- Commercial
- Irrigation
- Fireline
- Hydrant
- Multi – Utility: Electric & Gas
- AMR/AMI Systems
- Handheld meter reading equipment
- Network-as-a-Service/NaaS

PROJECTS AND SERVICES

- Assessment & Design
- Project Management
- System Installation
- Software Integration
- Meter Reading
- Meter Testing & Validation
- System Service & Maintenance
- Field Operations
- Lifecycle Management
- Lead Line Locating (LCRR)
- Meter Audits w/GPS

SOFTWARE SOLUTIONS

- Software-as-a-Service/SaaS
- Customer Information System (CIS)
- Utility Billing
- Customer Engagement Portal
- Meter Data Management (MDM)
- Asset Management
- GIS & Mapping
- Mobile Field Operations

ADVANCED MONITORING

- Predictive Data Analytics
- SSO/SCO Monitoring
- Flow/Inflow & Infiltration
- Environmental Compliance Monitoring
- Smart Sensor Integration
- Level
- Pressure
- Water Quality
- Flow Meters
- Remote RTUs (cellular, satellite)
- Acoustic Leak Detection

PIPE

- Ductile iron
- HDPE – Fusible
- PVC (Pressure, Sewer, Sch 40 & 80)
- Service tubing (Copper, PE)
- Plastic storm drain

VALVES

- Gate (RS, DD, Knife, etc.)
- NRS, OS&Y, power actuated, standard body configurations: cast iron, stainless, steel, brass
- Indicator posts
- Butterfly valves
- Plug valves
- Check (swing, L&W, L&S, Wafer)
- Air/Vacuum, control
- Pressure reducing
- Altitude control
- Tapping valves & sleeves
- Parts & accessories

FITTINGS

- Ductile iron (compact & full body)
- Custom HDPE fabrication
- HDPE
- Brass
- PVC (sewer and pressure)
- Joint restraints

SPECIALTY EQUIPMENT

- Insulated enclosures
- Storm water retention & detention devices
- Hydrant/water sampling station
- PVC drain basins, geofabrics & erosion control products

HYDRANTS

- Flushing connections
- Fire hydrants

TOOLS AND EQUIPMENT

- Saws
- Hydrostatic pumps
- Valve keys
- Pipe wrenches
- Pipe locators
- Leak detectors
- Test balls
- Shut-off wrenches
- Tapping machines
- Locators for gas, water, power, wastewater
- Hydraulic cement
- PVC glue, lube, cleaners
- Bricks & cement

SERVICE MATERIAL

- Corps, curbs, saddles
- Couplings, repair clamps
- Backflow preventers
- Engineered polyurethane products

FUSIBLE PIPING SOLUTIONS

- Fusible HDPE pipe & fittings
- Custom HDPE fabrication
- HDPE butt, socket & electrofusion machines
- Dataloggers, saddle clamps, pipe scrapers & pipe rollers
- HDPE fusion tech services
- HDPE equipment rental
- HDPE fusion equipment parts & repair



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PROJECTS & SERVICES FOR UTILITIES

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Implementation Services

Project Management

- PMP® Methodology
- Change Management
- Business Process Consulting
- Procurement Support
- System Implementation
- Resource Allocation
- Subcontractor Alignment
- Financial Planning

Turnkey AMI/AMR

- System Design & Implementation
- Propagation Study
- Network Deployment
- Meter & Endpoint Installation
- Software Integration
- QA / QC
- Data Reconciliation

IoT Sensors & Devices

- Water
- Wastewater
- Water Quality
- Industrial
- Stormwater

On-Going Services

System Management

- Multi-year Managed Services
- System Support
- Work Order Capabilities
- Online/Mobile Advantage

System Maintenance

- Ongoing Maintenance Programs
- Meter Reading
- Hourly - Breakfix
- Register Replacement
- Transceiver Services
- System Upgrades

Monitoring Services

- Wastewater Monitoring
- Data Analytics
- Non-Revenue Water Loss Planning

District/Virtual Metering

- GIS Design
- Management Software
- Data Analysis/Interpretation
- Hardware Deployment
- Maintenance

On-Demand Services

Audit

- Lead Line Locating (LCRR)
- Sensor Inspection
- Meter Audit w/ GPS
- System Troubleshooting

Testing

- Meter, up to 12"
- Hydrant
- Manhole
- I&I Diagnosis
- Smoke

Field

- Meter Reading
- Smart Sensor Deployment
- Hydrant
- Asset Management
- Valve Exercising/Maintenance
- Leak Detection

Office

- Software Patching
- Billing Integration Troubleshooting
- Part Number Interchange
- Temporary Staff Augmentation



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SOFTWARE SOLUTIONS FOR UTILITIES

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Core & Main has partnered with trusted vendors to offer a comprehensive portfolio of operational and administrative software applications. Scalable and customizable, these solutions will fit the needs of any utility.

Solving Utility Challenges with Smart Software



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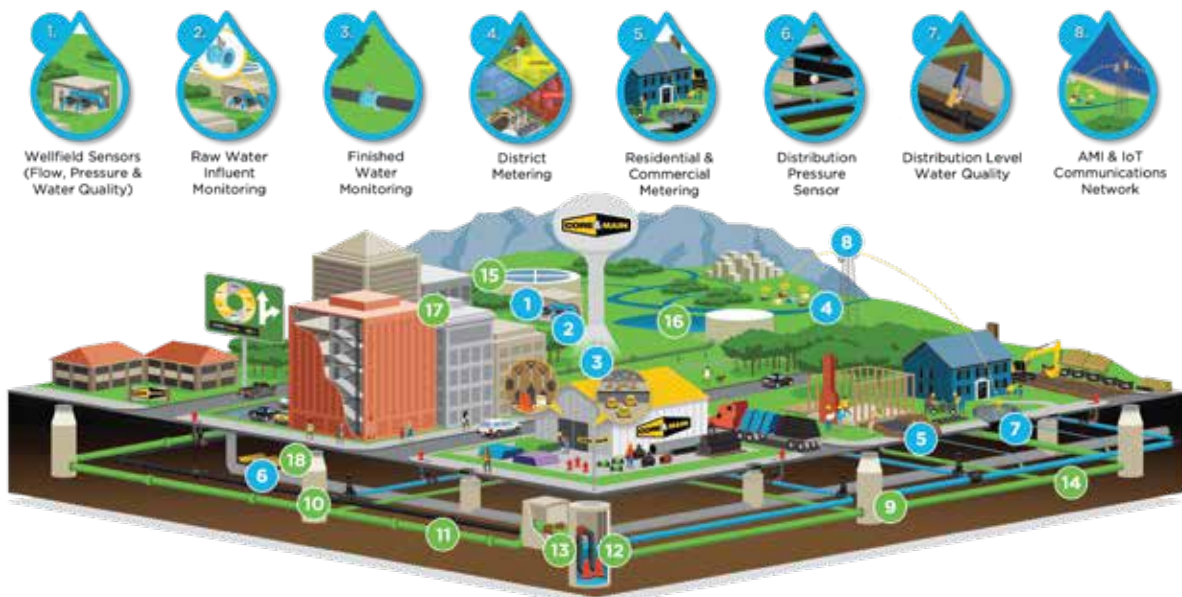
ADVANCED MONITORING FOR UTILITIES

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Core & Main has developed the industry's first complete solution to help utilities tackle infrastructure challenges through advanced technology and data-drive 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.

By adoption of 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.

Water Cycle Monitoring



Wellfield Sensors (Flow, Pressure & Water Quality)



Raw Water Influent Monitoring



Finished Water Monitoring



District Metering



Residential & Commercial Metering



Distribution Pressure Sensor



Distribution Level Water Quality



AMI & IoT Communications Network



Sanitary Sewer Overflow



Sewer Flow and I&I Identification



Volume Water & Sewer Customer Billing Meters



Emergency Lift Station Level Monitoring



Sewer Gas (H₂S) Sensor



Pressure Transient Sensing



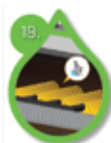
Wastewater Treatment Influent Monitoring



Surface Level Water Quality Monitor



Rain Gauge for Gauge Adjusted Radar Rainfall (GARR) Data



Storm Water Monitoring

Wastewater Monitoring



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