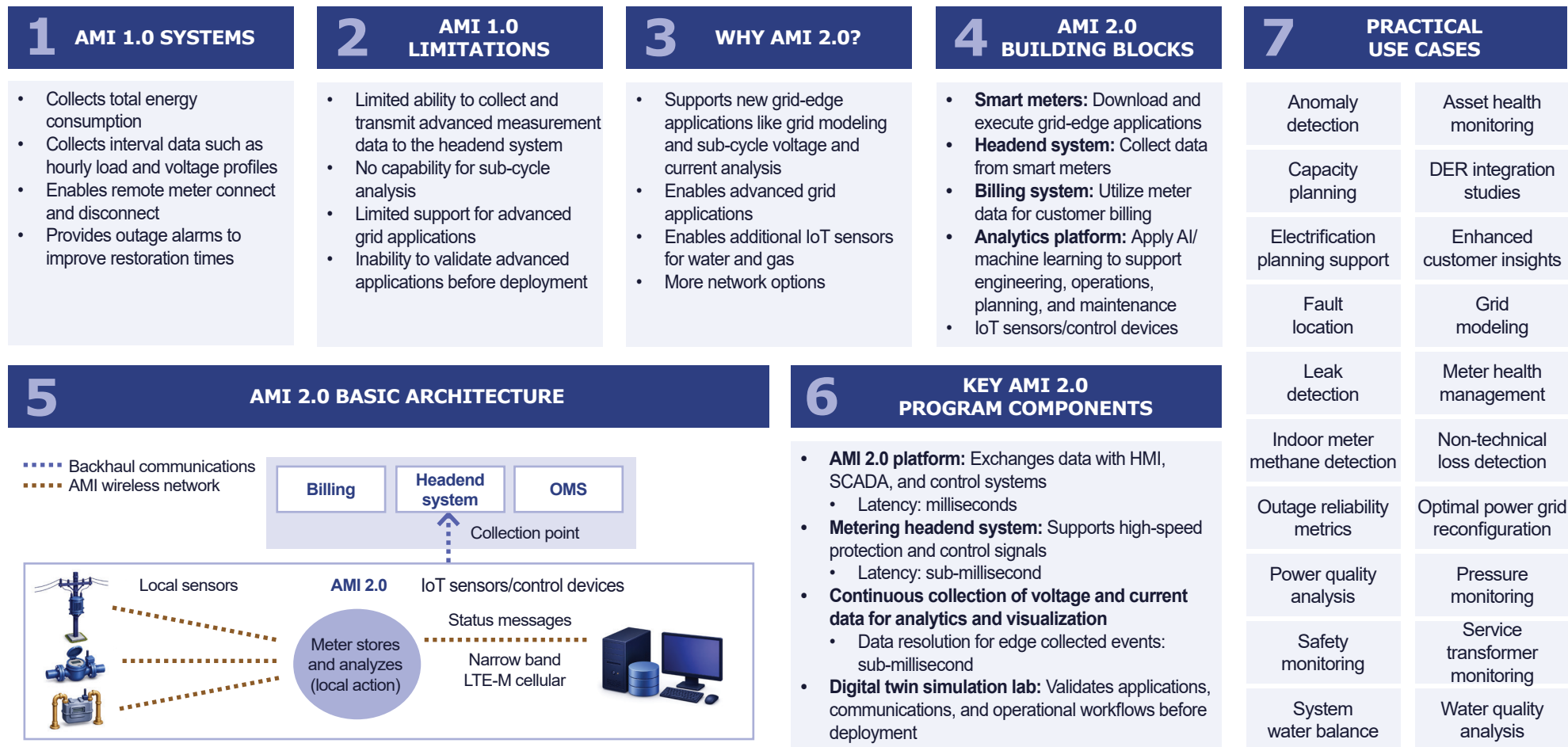


ADVANCED METERING INFRASTRUCTURE SERVICES

USING AMI 2.0 TO DELIVER DEEPER GRID INSIGHTS, ENHANCED RESILIENCE, AND ADVANCED UTILITY SERVICES

Our advanced digital twin validation technology and deep expertise in power systems, metering, and data analytics, minimizes deployment risk and helps utilities realize the full value of AMI 2.0 through real-time validation and testing under real-world grid conditions. We help utilities advance up the value chain with smart metering across electric, gas, and water.



CONTACT US:



919.334.3000



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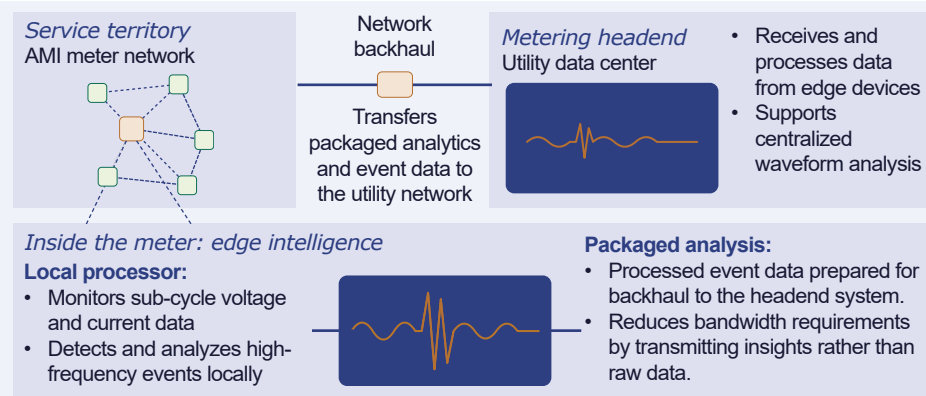


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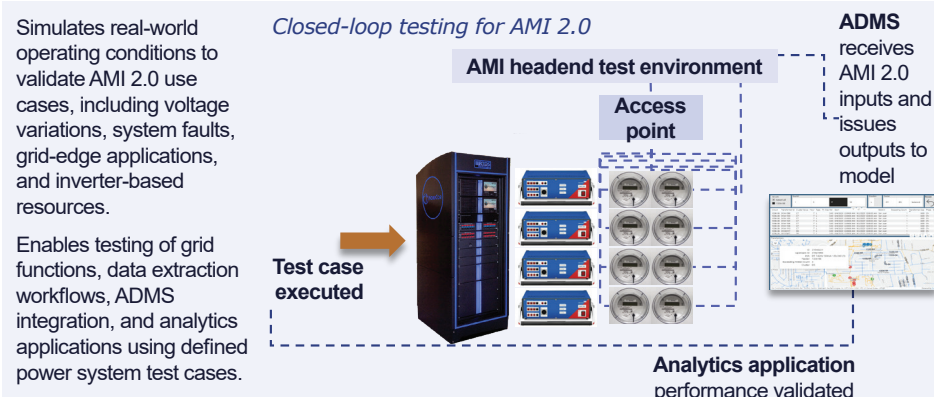


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8 AMI 2.0 GRID EDGE CAPABILITY ENABLES LOCAL ANALYSIS



9 DIGITAL TWIN SIMULATION: TESTING USING REAL-TIME DIGITAL SIMULATOR (RTDS)



10 KEY BENEFITS OF DIGITAL TWIN SIMULATION TESTING

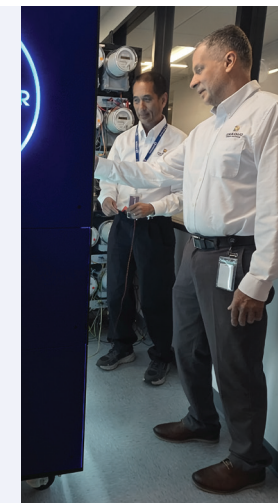
- Provides a structured methodology for validating system functionality**
 - More comprehensive and cost-effective than pilot deployments
- Enables low-cost validation in a laboratory environment**
 - Supports repeatable testing under controlled conditions
- Validates analytics applications and interfaces**
 - Confirms interoperability among analytics platforms, data sources, and grid-edge devices
- Accelerates collaboration and application development**
 - Supports training, troubleshooting, and application refinement using realistic closed-loop simulations

11 STEPS TO ADOPT AN AMI 2.0 PROGRAM

- Build** a cross-functional team to align business and technical objectives.
- Provide** training on AMI 2.0 technologies, use cases, and implementation strategies.
- Define** success criteria by identifying business drivers and measurable outcomes.
- Prioritize** use cases that align with organizational goals and operational needs.
- Develop** the system architecture needed to support advanced analytics and grid-edge applications.
- Validate** functionality in a lab environment through closed-loop testing and simulation.
- Establish** a data and analytics strategy to leverage grid-edge insights effectively.
- Create** a deployment roadmap based on validated use cases and technology readiness.
- Execute** project delivery by integrating metering, analytics, and operational systems into a unified program.

12 WHY DANOVO ENERGY SOLUTIONS?

- Deep AMI and power system expertise**
- Proven deployment methodologies**
- Full AMI lifecycle capabilities from roadmap and use cases to advanced analytics**
- Vendor neutral**
- Closed-loop digital twin validation**
- Cloud-based analytics support**
- Meter installation and other services available via Quanta Services**



Ready to advance your AMI 2.0 program? Contact Danovo Energy Solutions to schedule a digital twin demonstration and develop a roadmap to maximize your AMI investment.

Quanta Technology, LLC

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