



# Advanced metering infrastructure (AMI) smart execution

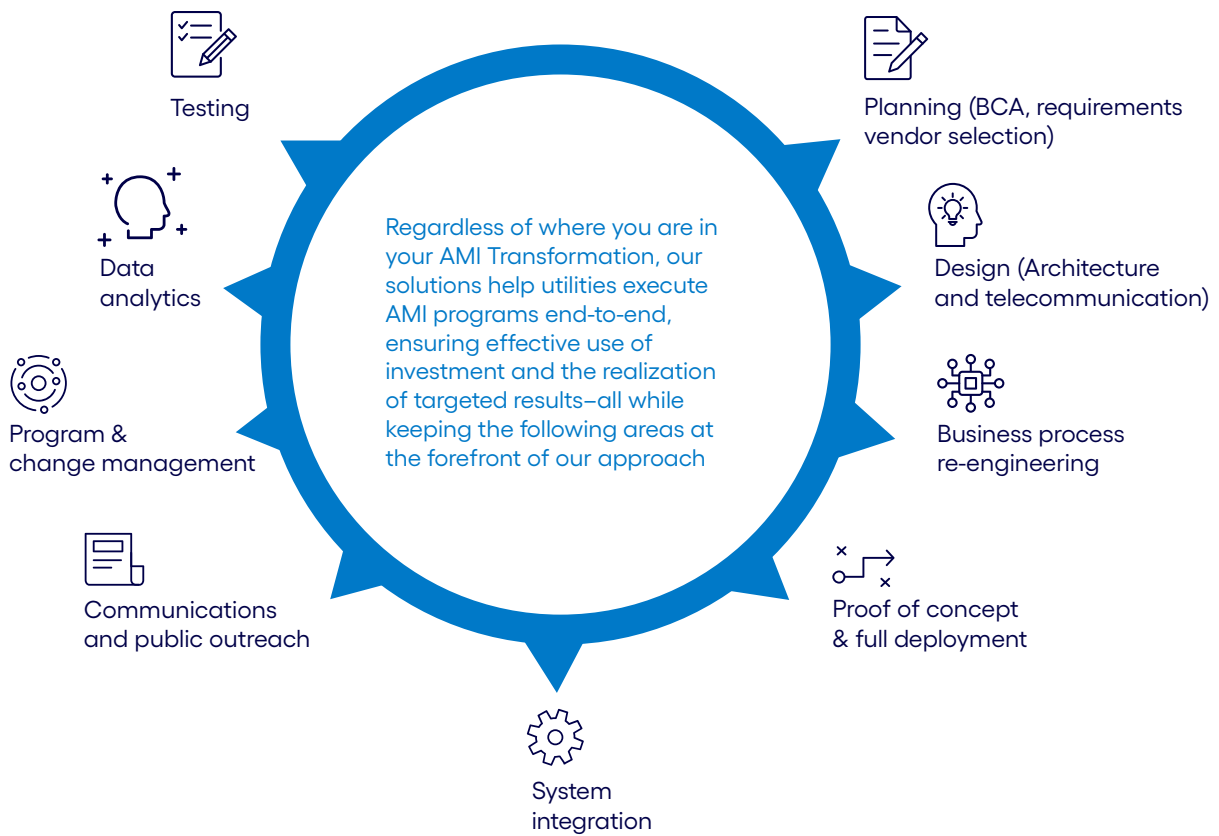
## Turning investments into actionable insight

Most utilities have completed their first round of AMI investments. Yet, they are struggling to effectively leverage their AMI systems and data into actionable insights—meaning, they are not getting the full operational and consumer benefits from of their AMI programs.

## Think holistically and plan

**Cognizant believes this simple truth:** A properly operated AMI program will need to do a lot more than simply serve as the digital replacement for meter readers. The enhanced telemetry, expanded network topology and AMI data lake and head end systems should be leveraged to enable a far more impactful suite of use cases including smart city initiatives such as distribution automation, DERMS, streetlights, gas/water and wide area analytics. Utilities must think holistically and ensure the AMI systems are designed and built for future use cases that enable the organization to work smarter, not harder, down the road.

## How we work















10K+ assets proactively replaced/500K+ outages avoided with the help of data analytics for one utility

### How we do it

Our unique methodology accounts for capital assets as well as other neglected assets such as people, processes, data, quality practices and system performance at the point of use. **We assess, analyze, create/refine your vision, and provide an actionable plan.** Our experience in the Utility Industry has taught us that a simple to understand – easy to communicate – comprehensive plan works. In the **assess stage**, we ensure you have the foundations for grid modernization by reviewing five key areas: infrastructure foundations, data capabilities, customer platform robustness, workforce proficiency and cybersecurity maturity.

### We can help you turn your data into actionable insights and transform them into tangible value

 <p><b>Grid loss identification</b></p>	 <p><b>Pricing analysis</b></p>	 <p><b>Customer profiling &amp; segmentation</b></p>	 <p><b>Load modeling &amp; forecasting</b></p>
 <p><b>Demand response evaluation</b></p>	 <p><b>Distribution planning</b></p>	 <p><b>AMI heartbeat analyzer</b></p>	 <p><b>AMI theft analyzer</b></p>
 <p><b>IOT enabled robotic hands for meter testing</b></p>	 <p><b>Energy usage analytics</b></p>	 <p><b>Transformer load &amp; power quality analytics</b></p>	 <p><b>ETR prediction</b></p>

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Customer satisfaction scores improved by 70+ points, which was enabled by AMI investments.

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## The Cognizant AMI Team

The Cognizant utility consulting team is comprised of industry leaders focused on driving meaningful grid modernization change. Our goal is to be your trusted partner and advocate as you transform your enterprise. It is our experience that building a trusting relationship requires time and effort. Together we will identify the highest impact strategies, to make your transformation vision a reality.

### How does your AMI system measure up?

Are you leveraging your AMI network to its full potential and supporting smart city initiatives like Street lights and DA with same network?

Yes No

Can you identify the small nest outages as easily as the large system outages? Is your organization prepared for the next generation of AMI meters and Sensors?

Yes No

Are your customer programs leveraging interval data to modify behavior, improve energy efficiency, and manage both the customer bill and carbon footprint?

Yes No

Is your organization maximizing new service revenue streams through smart city initiatives?

Yes No

Are you leveraging the ecosystem of AMI sensors, DA, and others alike to drive a high degree of predictive maintenance and event management?

Yes No

Is your AMI solution optimized to drive grid operations benefits such as CVR, VVO and outage restoration management?

Yes No

Has your existing integration scheme allowed for increased accuracy and reduced cycle time for decision making?

Yes No



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