



Advanced Metering Infrastructure (AMI) Lifecycle

Delivering Clarity from Complexity

AMI has become a regularly adopted solution for improving operational efficiencies and managing many common business challenges. These challenges include aging infrastructure, system operational management, integrity, customer service and conservation objectives.

AMI is a fully integrated set of products, solutions and systems that enable utilities to enhance customer engagement, improve operational efficiencies, and support sustainability goals. These programs are multi-year, highly complex, involve significant capital

investments and invite increasing regulatory scrutiny. Thus, proper management of the inherent risks of these significant programs, through leveraging the experience and best practices of an experienced and focused consulting partner is a prudent strategy.

bv.com/managementconsulting



The Black & Veatch Value





Black & Veatch Management Consulting, LLC (Black & Veatch) has a robust AMI consulting practice and our professionals are seasoned experts with many individual client engagements from which they can draw lessons learned and best practices.

The greatest value derived from leveraging the deep experience of our consultants is in the mitigation of the significant risks of effectively managing the complex technology integrations, large capital spending, and increasing regulatory scrutiny concerning these programs.

Our continuous focus on the design and implementation of AMI programs over numerous years, and based on the combined experience of our consultants facing real-world program complexities has provided us with the unique opportunity to develop, refine, and optimize key templates, tools, and program accelerators to make your AMI successful and reflecting industry best practices.

Black & Veatch is focused on utilities. Thus, we have a unique basis for understanding their operational and customer needs. Our AMI practice is both deep and broad in that we have the expertise and experience to support our utility clients throughout the AMI journey to a successful conclusion. We are committed to your success through the entire lifecycle.

Advantages of Our Capabilities

Deep, practical, proven experience	Risk reduction for complex, large programs	Program accelerators using mature, detailed tools and templates	Service and support throughout the full AMI lifecycle journey
			

Whether your utility is new to AMI or experienced, Black & Veatch has developed specific capabilities to support your new or renewed AMI program.

Services

AMI Migration

Regardless of your starting point, the migration to AMI begins with an understanding of how AMI fits into an overall digital utility technology strategy. The migration should benefit the stakeholders and be transformational for the utility operation.

AMI migration strategy is based on a full understanding of the benefits to be achieved, the business case these opportunities afford, the roadmap to get there, and the expected business impacts.

AMI Analytics and Use Case Integration

Implementing AMI is a significant challenge for any utility. The goal of every AMI project is to extract maximum value by leveraging data and utilizing use cases through the utility organization and customers. Often the value of data and use cases are not fully maximized when a utility gets into the full momentum of the implementation or they often just settle when the program team is disbanded.

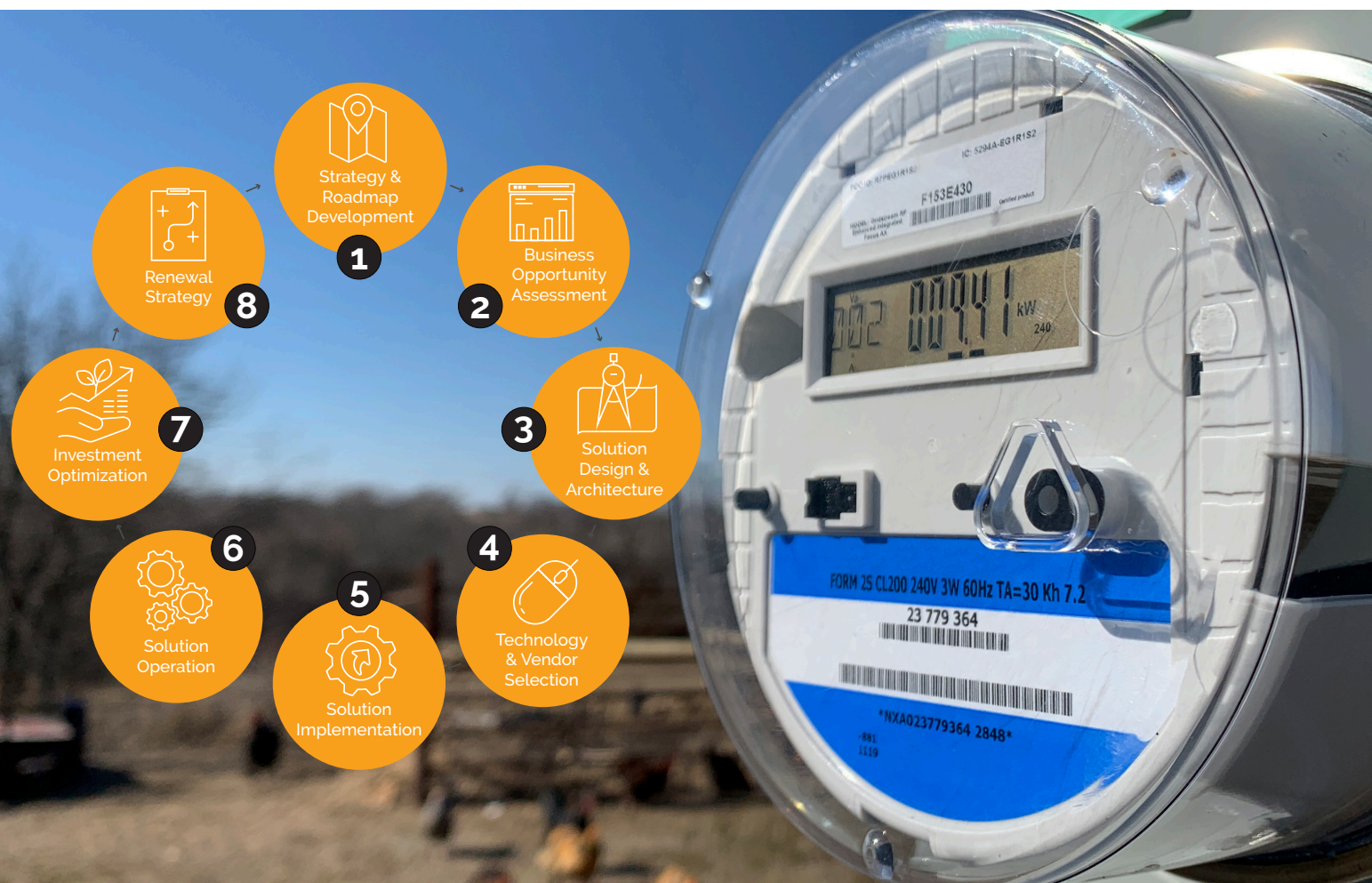
Our consultants are committed to using our expertise to deliver the greatest value for our clients from their AMI.

AMI Evolution and Refresh Strategy

Like most technology investments, a plan to address the challenge of accelerating technology obsolescence needs to be implemented to maintain the health and functionality of the investment. The challenging conversation of a refresh, renew, or replace becomes a pressing decision point soon after the initial investment is perceived as stable and mature.

As the technology landscape changes and new operating systems are implemented, the choices for “Next Generation” AMI strategies become as complex as the original decisions to invest in AMI. Expanded use cases, new communications options, Network-as-a-Service, Smart Cities and many other opportunities add new considerations topics.

A successful AMI program includes the following Black & Veatch lifecycle stages.



Building a World of Difference.®

Jeff Buxton | Managing Director

P 724 777 9411 | **E** BuxtonJT@bv.com

Marc Lipski | Managing Director

P 678 234 1382 | **E** LipskiMH@bv.com

