

ADMS IMPLEMENTATION SERVICES

OUR SOLUTIONS

EN Data Solutions, a sector of ENTRUST Solutions Group, provides Advanced Distribution Management System services to assist electric distribution utilities with all aspects of implementing a modern ADMS as an advanced product suite offering dozens of individual applications. Our diverse and highly-trained team includes experts in electric operations, electrical distribution network engineering and design, electric planning, and quality management. Built upon this foundation, our services fit perfectly with all phases of ADMS implementation, from assessing needs to deployment, ongoing maintenance, and performance assessment. EN Data Solutions is uniquely qualified to assist modern electric distribution utilities with ADMS implementation from conception through implementation.

- 1 Needs Analysis/Prioritization
- 2 Gap Assessment
- 3 Cost Analysis/Justification
- 4 Solution Development/Selection
- 5 Data Assessment
- 6 Data Preparation
- 7 Process Improvement
- 8 Change Management
- 9 Ongoing Performance Evaluation

ADMS incorporates dozens of individual applications, including SCADA, AMI, GIS, OMS, FLISR, and Volt/VAR control. These unique applications bring exceptional value to an electric utility as drivers for regulatory requirements, safety initiatives, cost reduction, customer service improvement, and environmental management. EN Data Solutions helps utilities assess individual applications' value in order to prioritize software licensing costs, data acquisition/integration, data enhancement, and process changes. In collaboration with internal resources, our team of experts develops a timeline for implementing selected applications. Throughout this process, EN Data Solutions ensures that our clients receive maximum value in the shortest amount of time.

With ADMS application values and priorities in place, the EN Data Solutions team guides utilities in the migration from an existing state to the desired position with all applications implemented and benefits delivered. Our dedicated team ensures each process is completed, including reviewing software and infrastructure requirements, data acquisition, integration, clean-up needs, process changes, staffing changes, and training. Successful completion provides clients with a roadmap for success.

After the ADMS plan is in place, the EN Data Solutions team assists electric distribution utilities with cost/benefits analysis and project justification. We help guide project justification through the utility's approval process and, if required, through regulatory approval. EN Data Solutions also assists in obtaining cost recovery approval on a case-by-case basis.



Once an ADMS cost analysis and project approval are complete, our EN Data Solutions team works to develop the best solution for the utility's specific needs, including RFP creation, software and service vendor selection, and staffing. These benefits and requirements often vary between utilities. Making the right determination for each utility requires identifying strengths and weaknesses between commercially available ADMS solutions, vendors, and applications. Our services also include negotiating pricing and terms with selected vendors.

One of the critical objectives for a successful ADMS implementation is obtaining and managing high-quality data. EN Data Solutions teams partner with electric distribution utility clients to ensure they understand ADMS data requirements, the impact of erroneous and missing data on ADMS performance, and any need for data enhancement. We then develop and implement a strategy to locate all necessary data and successfully interface with ADMS. Our team also evaluates any necessary data corrections from various sources and follows best practices to maintain data in ADMS for consistency and accuracy.

6. DATA PREPARATION

Once the data assessment is complete, and all data sources are identified, data interfaces and imports are ready to take place. The EN Data Solutions team then assists electric distribution utility clients with data preparation and importation into their ADMS through live interfaces, periodic batch updates, and one-time imports, including manual data entry/correction. Driven by the requirements identified in the data assessment phase, EN Data Solutions imports all data to achieve objectives and values outlined in the project scope.

7. PROCESS IMPROVEMENT

EN Data Solutions' teams understand how vital it is to help clients improve their operational and data maintenance processes to gain the most value from ADMS. They also help change how clients manage the distribution network to take advantage of the power of ADMS. We are committed to achieving optimal benefits for each client and ensuring that the ADMS receives accurate data continually.

8. CHANGE MANAGEMENT

At EN Data Solutions, we know that where process improvement occurs, change management follows. Not only that, but an electric distribution utility staff that does not embrace processes will have disappointing results. Our team brings change management expertise to organize activities and create staff ownership of the new solution. In doing this, we ensure that everyone affected by the change is part of the solution. Change management includes obtaining input from all organizational levels during every phase of implementation. That includes developing a training and support plan so utility personnel have the support they need for success.



9. ONGOING PERFORMANCE EVALUATION

One of the most important aspects of a project like ADMS implementation is measuring the electric distribution utility value. That includes reporting through metrics that define these benefits while also identifying potential bottlenecks or barriers preventing the utility from achieving the new system's maximum value. This evaluation must be done routinely so that benefits achieved early on don't erode over time. EN Data Solutions has expert teams that can help clients develop the appropriate metrics and implement reporting and dashboards. This allows managers and executives to monitor the organization's performance and identify problems before they have a significant impact. This aids in developing course corrections quickly to ensure the continued value of the ADMS implementation.

**FOR MORE INFORMATION ABOUT
HOW EN DATA SOLUTIONS
CAN HELP YOU WITH YOUR ADMS
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