



Crow Wing Power Selects JCMB's Adele Software Suite

OMS? Crow Wing Power starts with Data

A prerequisite to implementing an Outage Management System is the accurate modeling of the distribution network and connectivity. When CES introduced us to their *Centricity™* OMS customer, Crow Wing Power (Minnesota), our first task was to gain a complete understanding of how they currently operated and what we needed to achieve together prior to their OMS rollout. The main tasks included data consolidation, graphical enhancement, data validation, connectivity, and finally .MB file generation for the OMS target.

As with many electric utilities attempting to reduce their dependencies on paper maps, Crow Wing Power understood early on, that although a GIS could centralize their maps, it falls short on consolidating and customizing device attributes, managing customer-to-transformer links, modeling complex devices and ultimately maintaining a connected Distribution Network Model. In short, Crow Wing Power needed a single map and network data repository on which they could rely for their day-to-day operations, as well as an efficient method to feed up-to-date information to their OMS.

The Challenge

Consolidating a utility's disparate data sources and its institutional memory into an easily accessible and maintainable system is essential to all utilities today. This is especially true when operations veterans are moved due to restructuring or retirement. In order to sustain current and future growth within their territory, an accurate Distribution Network Model that encompasses and integrates vital data needs to be built. JCMB has responded to this challenge and has provided Crow Wing Power with a viable solution.



The JCMB solution

Adele™ is a Utility Distribution Network Information System that runs on *Microsoft Windows®* PCs over an *Oracle®* database. By using *Adele*, Crow Wing Power has realized several benefits:

- A centralized and automated mapping system where even device updates are easily performed in a fraction of the time.
- A connected and validated electric Network Distribution Model that now allows for circuit traces, analysis and interactive device manipulation.
- The industry-unique ability to automatically generate accurate .MB files for their *Centricity* Outage Management System. This will ensure that their OMS is a direct reflection of their automated mapping system.

Conclusion

Regardless of the number of customers or service territory size, today's innovative electric, gas and water utility cooperatives realize the importance of accurate, intelligent, comprehensive data and the manner in which this information could help them provide their customers with more reliable and efficient service. After all, improving efficiency, reducing costs of rural electric distribution systems and achieving optimum customer satisfaction is what it's all about.

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