



JCMB signs an Automated Contract with Northeast Utilities Co.

JCMB Technology Inc., a provider of innovative software and services for the electric, gas and water utilities, has been awarded a US \$1.8 million contract from Northeast Utilities System Co (Hartford, CT).

The scope of this project is to consolidate over 17,000 Direct Buried and Underground (DB/UG) maps using JCMB's Adele Automated Mapping system. The source data originates from several districts, each utilizing their own mapping conventions. The effort includes collecting the various symbology and mapping standards from which a single, unified and centralized data warehouse will be created.

JCMB was selected through a competitive Request for Proposal process. Northeast Utilities (NU) was seeking a firm that would provide them with an AutoCAD-based, COTS software solution for maintaining the DB/UG network on a permanent basis. The selection criteria used by NU required demonstrated skills and knowledge within the following specific areas: *Source Data Consolidation, AutoCAD Mapping Solution, Quality Assurance, Data Sharing Abilities.*

With minimal base-product enhancements, JCMB's off-the-shelf Automated Mapping tool (Adele) met all of NU's DB/UG mapping requirements.

Over the years, JCMB has been providing utility-specific software tools focused on data quality and connectivity. *"The two big issues with modeling an Underground Distribution Network accurately are, capturing complex vault equipment and duct bank information. I believe NUS recognized our unique ability to do both"* explained Bruce Seidel, president of JCMB Technology.

"This project will allow CL&P to standardize our direct buried and underground mapping products as well as create a single data repository for our entire service territory." stated Christopher Keever, (GIS/OMS) – Northeast Utilities.

Source Data Consolidation:

After merging their mapping district offices, each with their unique symbology and standards, NU sought to streamline and centralize their mapping information. This would enable them to establish a standard map product to service the entire company.

AutoCAD Mapping:

Because end-users are familiar with AutoCAD, it was critical that the DB/UG application selected be AutoCAD-based. Adele's base functions were specifically created to accurately model and maintain any Distribution Model configuration. Its built-in model validation engine ensures 100% connectivity throughout the Model.



Quality Assurance:

JCMB Technology has always focused on Quality Assurance in all aspects of its operations. In compliance with their ISO 9001-2000 certification, JCMB's deliverables undergo detailed conformance testing and validation prior to customer acceptance.

Data Sharing Abilities:

Using JCMB's DataPort technology, NU has the advantage to forward all or part of the data to other applications such as a GIS or an OMS.

For additional information, please contact:

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