Distribution Network Data Intelligence

JCMB DataPort

What is a DataPort™ ?

A **DataPort** is an intelligent Data Sharing Module that interfaces between two or more databases. The intelligence behind the DataPort is that it allows for complex Data Enhancement Rules to be systematically applied to the Data streaming through it. This technique is based on standard ETL (Extract Transform and Load) concepts but is specifically designed to handle Data exchange for utilities focused on Data Intelligence.

DataPort Technology delivers *corrected* Data – for OMS

GIS systems and their unique Data Models are not usually configured to deliver Data that meets the stringent requirements imposed by fault-intolerant Outage Management Systems. Perfect connectivity and circuits loaded with operable complex device configurations are rarely modeled in traditional GIS – the DataPort "bridges the gap".

Data Enhancement Examples: GIS to OMS

GIS configurations ***OMS requirements***

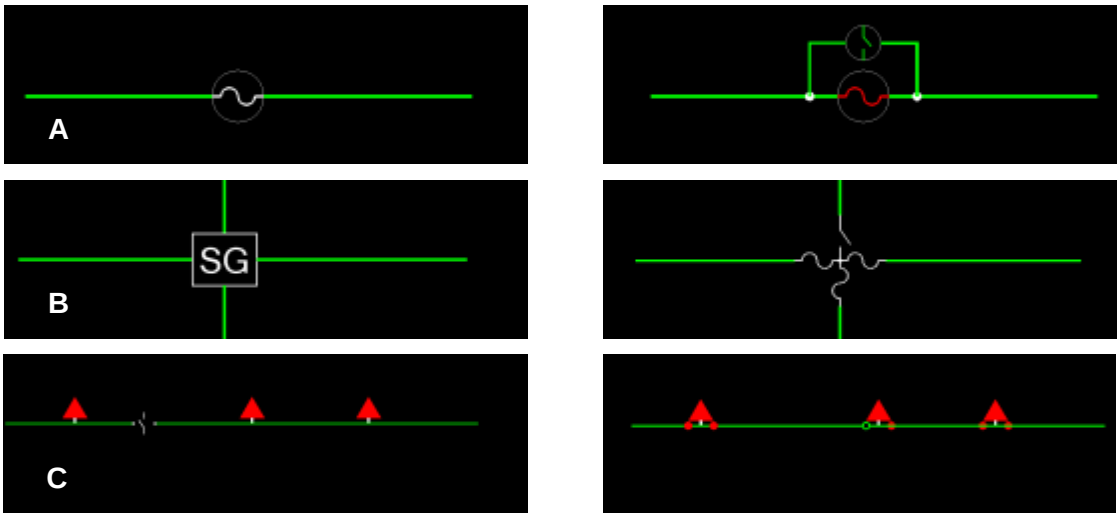

Figure A: Adding bypass switches to Reclosers (not usually modeled in GIS – but required by operators)
Figure B: Generate internal components of a complex device (operators need to operate any switchable device)
Figure C: Adding elbows to padmount transformers (elbows not usually part of a GIS Data Model)

One-Way or **Bidirectional** DataPort Technology enables intelligent Data Sharing between various enterprise systems including: AM/FM/GIS, Work Management, Engineering Analysis, Outage Management, CIS, DSCADA, Design/Construction and Equipment Life Cycle Databases.

As a Data Sharing tool, the DataPort can be configured to generate Web-Ready documents for Intranet or Internet posting.

What are the Benefits of Using a DataPort?

- **Configurable -** .net technology allows the DataPort to scale to system demands and new application requirements.
- **Improved Productivity –** DataPort Technology eliminates manual Data correction cycles.
- **Increased Automation –** DataPort automation makes use of the latest scheduling and mobile notification technology – "DataPort text messaging".
- **Improved Data Integrity -** The DataPort features a visualization and test window that allows users to examine and validate the Data prior to committing it to the target system.

***For more information**: T. 1-888-527-2232 e-mail: info@jcmb.com*