JCMB Announces June Release of Adelette v.1.3/Centricity Pre-Processor Viewer

The *Centricity Pre-Processor Viewer* is a tool that allows users to graphically visualize various source data, prior to deploying it into their Centricity Outage Management System.

The visualization component is the Adelette viewer which allows view-only access of the data output by the Pre-Processor.

What is the Pre-Processor?

The Pre-Processor is a tool that allows users to validate and edit source data that will be used in a Centricity application.

Using this tool, users are able to visualize, enhance and correct their data; thereby allowing them to build a model that meets the criteria required for a Centricity Outage Management System.

The data validated by the Pre-Processor may come from a variety of sources: GIS, tabular data, ASCII file or any other data format including paper maps. In addition to the validation processes, users can apply modifications or make enhancements to the model in order to correct errors or to update the network data with new information.

Part of the validation process may include the consolidation of multiple data sources. For instance, data conflict resolution guidelines between paper maps (feeder books) and GIS source data.

The Pre-Processor data model was built specifically to work with the Centricity data model, therefore every equipment configuration supported in Centricity is also supported in the Pre-Processor data model. Its design also simplifies the implementation of validation objects derived from Centricity.

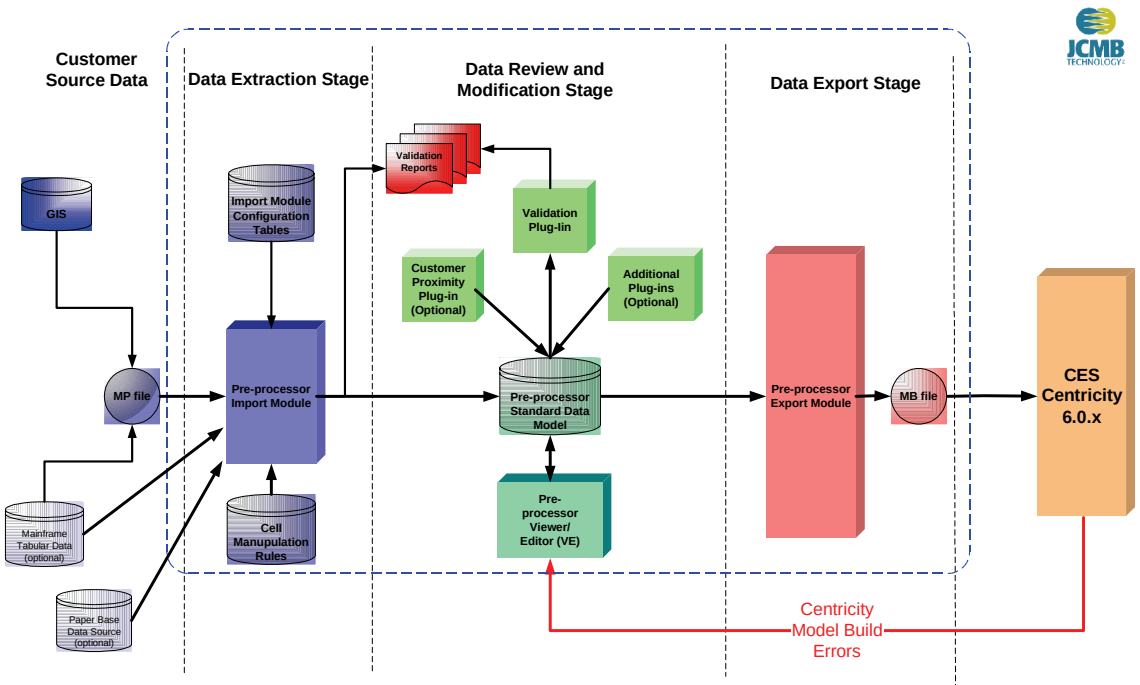
Once users are satisfied with the data quality in the Pre-Processor database, and the data is successfully accepted by all the validation objects, they will be able to generate a fully valid Centricity data model.

Is it a Complex Process?

It is quite simple, actually. There are only three basic steps involved:

- Extracting and Enhancing Data
- Reviewing and Modifying Data
- Exporting Data

The Figure below illustrates these three steps:



Centricity 6.0.x Pre-processor

STEP 1: Extracting and Enhancing Data

This is the phase in which the Pre-Processor pre-validates specific attributes that are mandatory for any Centricity Data Model. The device status values are submitted to a data validity test and any error detected is defined in the data extraction analysis report.

STEP 2: Reviewing and Modifying Data

At this point in the process, the Pre-Processor validation plug-ins are applied to the contents of the data model. The data that has been extracted can now be viewed, enhanced and maintained in the Pre-Processor editor.

STEP 3: Exporting Data

This final stage converts data found in the Pre-Processor data model into MB (Model Build) files that are compatible with Centricity. This process is quite simple, since the Pre-Processor data model is designed to maintain a one-to-one correlation between each of its components and their counterparts in the Centricity data model.

Summing it Up

The Pre-Processor extracts GIS data, applies validation and data enhancement rules, and generates accurate, deployment-ready Centricity MB files.

This tool has proven to be *key* in implementing a successful Centricity OMS.

Want to Know More About the Pre-Processor?

We have recently published a *Centricity Pre-Processor Data Enhancement/Validation Specification* document that details this process and provides users with data enhancement definitions as well as data validation tools. Whether you want to read up on the Pre-Preprocessor, or simply want more information,you can contact:

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