



Network Data Services

In today's competitive environment a utilities goal is to reduce the number of customer's minutes lost, provide accurate reporting to a regulator and achieve service level agreements. In order to meet these needs it is important to have an accurate network, from customer supply point to source. LeT have over 16 years experience in aiding companies in building a model from scratch to improving on an existing network model.

We have aided companies building a network from various sources, these include extracting data from various different systems, using paper copies, aiding site surveys etc....

As part of the service we provide the following

- Analysis of existing systems to discuss potential sources to build / improve a network model
- Tools to combine data from different systems into a combined network model
- Tools to validate the network
 - Islanded Network
 - Missing devices and connectivity
 - Invalid connections
 - Invalid attributes based on device type
 - Invalid device states
- View the network using Spatial, Hierarchical and List view.
- Add, edit and remove data using , Hierarchical and List views

Figure 1 Add Asset



Software Solutions for Utilities

We also provide extensive tools for correcting premise to network link. One of our most used tools is shown below in figure 2. Utilities have successfully used this tool to get them from 20% network accuracy to 99% accuracy. This tool can be used initially to correct the data. It then can be used to export the data to an external system to become the master of this data. However some customers still allow updates via this tool and we send automatically to the master system where they can be accepted or rejected. This tool is totally thin client and resources in the field are also able to avail of its functionality.



Figure 2 Add Premise to Upstream Device

We can also use a wide variety of other method to attempt to make a best effort at associating premises to upstream device using a mixture of existing link data, address data and geospatial data

Where utilities have our eRespond product we have features which can be utilised to autocorrect links during outages and to send this corrections to third party systems.

Further Information

This is intended to give a brief overview of the network data services. For further details:

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