

Outage Management

Downtime Functions

Description

Logic Outage Management software allows the utility to better manage the electricity grid during outage situations. Power professionals will be better equipped to discover and respond to service outages by incorporating an outage management software solution. During an outage, every second counts and outage management shaves off downtime by providing features that allow utility workers to react quickly to address problems. By correlating and evaluating data between operations, AMI and Customer Information Systems, the utility will be able determine the source, location and the appropriate action plan. Logic Outage Management software will minimize the guess work and direct the resources to the appropriate locations creating greater efficiencies.



Features

One of the primary features of the software is the ability to use statistical reporting of SAIDI, SAIFI, CAIDI, and CAIFI. Once the reports are complete they are then filtered by a reason codes for further analysis. Business rules are applied to determine the extent of the outage and to also evaluate the impact. Outage management has the ability to initiate a series of actions which will result in a tier one investigation of the situation.

OUTBOUND MESSAGE CAPABILITY

Once the outage has been identified, the solution will initiate an outbound message to a set of meters surrounding the reporting outage meter. This will allow the utility to determine if an outage situation exists at one or more locations in a close proximity.

AUTOMATIC INVESTIGATION

In conjunction with Outbound Messaging, the system will investigate if any service orders are associated with this particular account in order to make any association with the reported outage. This allows the utility to identify if the outage is associated with ongoing service work.

STATISTICAL DETERMINATION

Outage management uses statistical methods to narrow the location of the fault. Outage Management can determine the likely cause of the outage based on the patterns of meters reporting an outage notification. This combined with surgical pings of additional meters can confirm the likely cause.

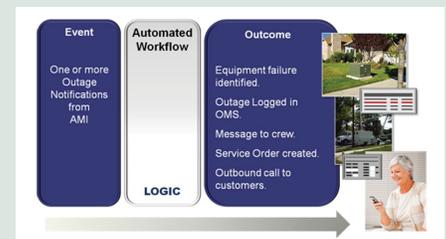
MAPPING FEATURE

Once the source has been identified, the software has the ability to plot the

location(s) on a ESRI capable map for better viewing. The mapping source also has drill down capabilities to allow the utility to views of multiple layers of information.

BENEFITS

Logic Outage Management software will provide the utility with a thorough and efficient solution in order to address outage situations quickly and in a cost effective manner. By providing the ability to quickly address outage situations, utilities will reduce reaction time and have the ability to restore the grid back to providing electricity to its customer base.



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