

DR^x for Critical Insights: Executive Decision Support

COMMON CHALLENGES

- Inaccessible, missing and siloed data
- Data errors and gaps
- Custom queries and reports required from IT to compile data
- Significant effort and time to answer questions and calculate results
- Impatient executives and stakeholders who want answers yesterday
- As a result, decisions are often driven more by historical experience and anecdotes than by data

ABOUT DR^x – DISTRIBUTION RELIABILITY EXCELLENCE

Our solution helps executives, managers, analysts and engineers manage the key metrics essential to leadership and regulators. This enables better and more timely decision making, more effective priority setting, improved accuracy of reliability reporting, and optimal targeting and allocation of reliability and system resiliency investments.

WHY UMS GROUP

We pride ourselves on being a strategic partner - external experts / consultants with broad industry experience in helping utilities adapt and drive sustainable change and performance gains across their business. Besides 30+ years bringing best practices and pragmatic insights to the utility industry, data scientists in our analytics & tool dev center use machine learning / AI to embed that operating expertise into advanced decision support tools that eliminate 70-80% of analyst work required to get answers.



KEY EXECUTIVE DECISION SUPPORT



Executive Dashboards

Direct access and faster response to queries, YTD analysis, visualization and YE forecasting of results (reliability, Storm vulnerability, worst circuits, etc.). Updates as frequently as you'd like - weekly, daily, or even hourly.



Decision Support

Analysis of circuits, segments, asset types, geographic regions, devices, sub-stations, periods of time, outage causes (using 'slice and dice', 'what if' and root cause analysis methods) to enable data driven decisions with documented supporting evidence / justifications.



Mobile Solutions

Gain direct mobile "Tablet Access" to all relevant reliability information and automated notifications. Take out the middle-man and get answers whenever needed.

CREATE AND STRENGTHEN CAPABILITIES



Shift the Orientation of Your Employees

Focus on customer experience, risk-based maintenance, dynamic work plans, and centralized prioritization and resource/ investment optimization.



Lead Data-Driven Decision Making by Example

Quickly and easily gain access to accurate data; set expectations among your teams for rapid accurate analysis and evidence-based decisions.



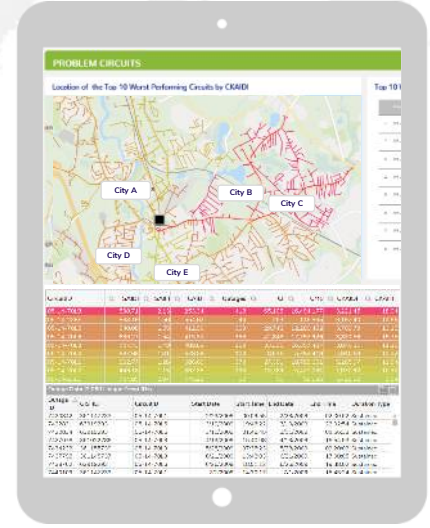
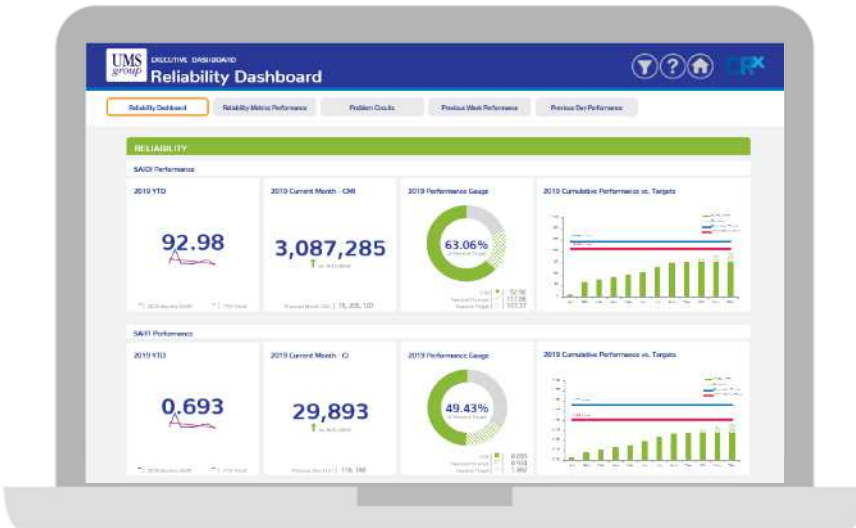
Enhance Data Access, Quality and Productivity

Integrate data across siloed apps, identify issues, trends and anomalies that require action, recognize patterns/ relationships that reveal options/ choices.



Identify Areas for Cost Savings

Save in areas such as Inspection spend, Worst Performing Circuit Program optimization, Hazard Tree removals, and prioritization of specific causes and solutions such as Animal Guards.



Custom Executive Dashboards at Your Fingertips

- Pull up key metrics and system insights with a swipe or a click.
- Get a clear picture of distribution system “hot spots” at a glance, tailored to what you want to see.
- Have data updated as frequently as needed – weekly, daily, even hourly.
- Drill down yourself or send data with requests for further investigation to your team.
- Quickly “See” (with integrated asset, outage and customer data mapping) where problems or critical issues are located on your system.
- Understand the impact of current outage events on YTD and projected Year-End results vs. targets.
- Choose the KPIs and key data that are meaningful to you, grouped into dashboard topics and visuals.
- Key domains include Reliability, Problem Circuits, Investment Levels, Inspection/Repair Compliance, Storm Analysis/Prep, Customer Experience, and much more.

“Having data readily available and in near real time, enables more rapid and effective response to emerging issues.”

“Cutting the time between query and answer makes us look good and demonstrates that we really know our business.”

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