RailVIEWR is a data analytics system that gives unified visibility of rail service measurements. It gives an overview of service measurements as well as provides data for detailed analysis.
RailVIEWR is a data analytics system that gives the unified visibility of rail service measurements. It gives an overview of service measurements as well as provides data for detailed analysis. Available as both mobile and desktop applications, it receives its data from a data warehouse, which in turn collects data from multiple databases and stores it as a centralized database.

RailVIEWR has the ability to classify service measurements in several ways - by customer, car type, location, market, shipper or receiver. Service measurements can be compared with the organization's goals and over-performance or under-performance identified. We can also compare service measurements of one period with another period and assess whether the performance is improving or deteriorating. Drill-down capability is available to access the raw data for root cause analysis. RailVIEWR has data size close to a terabyte, but it still gives real-time response time to all user queries.

RailVIEWR is an integrated system to analyze all important KPIs that measure the health of the rail network, just as a human's health is measured through its blood pressure, blood sugar level, etc.

RailVIEWR analyzes several KPIs including train velocity, on-time train departures, on-time train arrivals, on-time shipment arrival, car dwell times at yards and locomotive dwell times at yards.

The scorecard is the landing page of the application and it gives the summary of important KPIs categorized by system, region, division and market. It identifies areas of concerns and enables quick drilldown to do the root cause analysis.

RailVIEWR is a web-based, map-based, enterprise-wide application that can be accessed by thousands of users simultaneously. It presents data through highly visual interfaces.

Using RailVIEWR, rail personnel can assess themselves to see whether they are meeting their performance goals and, if not, determine what is causing them to miss their goals and give them the opportunity to improve operations.

Want to see more? Go to www.optym.com