RailBIS is an advanced business intelligence system that allows planners to analyze vast amounts of actual train and railcar movement data and derive useful information to create better plans and improve operations.
**RailBIS**

RailBIS is an advanced business intelligence system that allows planners to analyze vast amounts of data and derive useful information and insights to create better plans and improve operations. RailBIS analyzes the actual train and railcar movement data and displays it through highly graphical interfaces including maps, charts, histograms and tables.

RailBIS also performs a detailed comparison of the plan data (how things should have happened) with the historical data (how things actually happened) and highlights disconnects between the two. The system can be used to determine deficiencies in the plan, identify areas of improvement in the execution of plan and perform root cause analysis through drill-down capabilities.

**Invaluable Tool for Service Design**

RailBIS is an invaluable companion for service design personnel departments at railroads. It can assist them in comparing plans with actual execution and identify opportunity for improvements in both.

**Big Data Analytics**

The RailBIS database contains hundreds of gigabytes of movement data. It analyzes, slices and dices this data in multiple ways and presents insightful visualizations of the data. It gives real-time response time for all user actions.

**Train Performance Insights**

RailBIS monitors the movements of all trains in the railroad network and shows train volumes, train on-time performance, train delay locations, pickup and drop-off compliance. Everything that you need to know about train movements is at your fingertips.

**Railcar Routing Insights**

RailBIS monitors the movements of all railcars in the network. It compares actual movements with plan movements and actual service with plan service. It highlights hotspots in performance and provides data to do deep dive analysis.

**Scalable Enterprise-Wide Visual Application**

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

**Big Savings Through Better Planning**

Using RailBIS, service design departments are creating better and more efficient operating plans, resulting in savings of tens of millions of dollars a year.

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