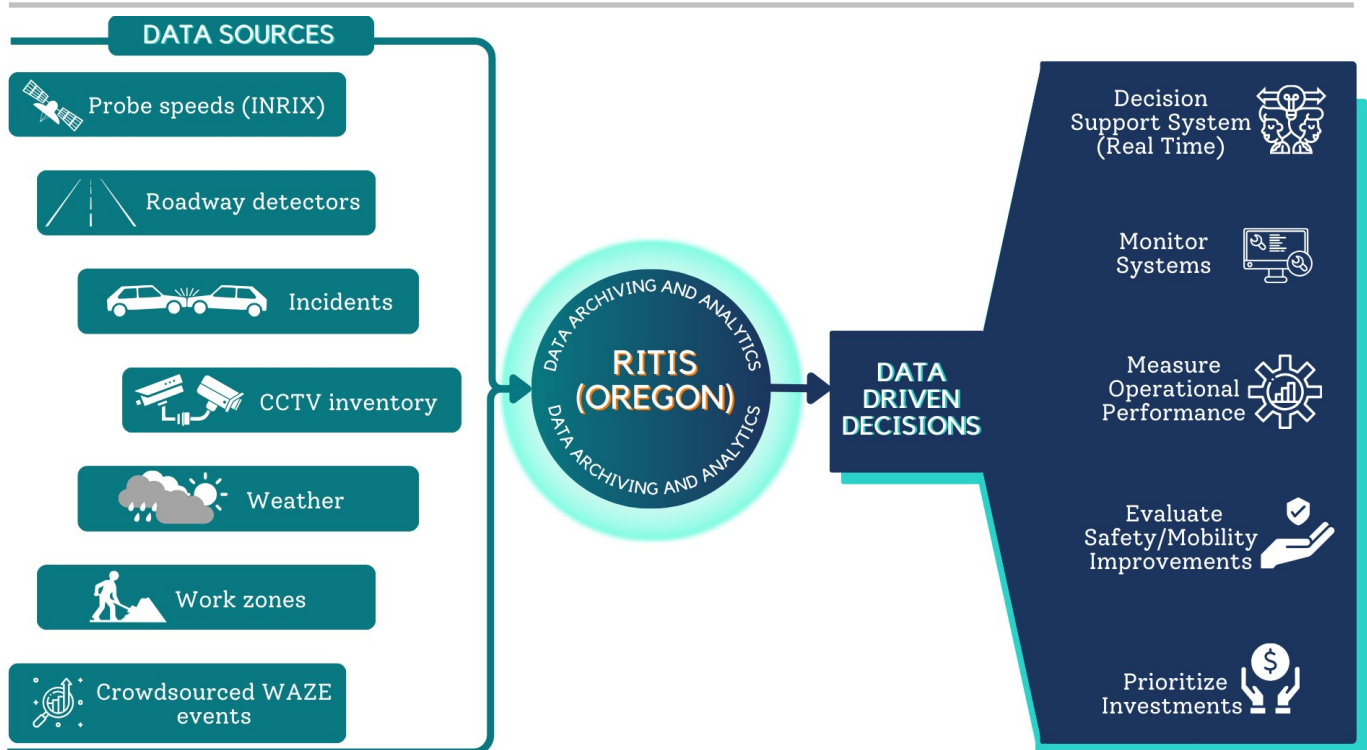


Regional Integrated Transportation Information System

Innovative Analysis Tools Improve Transportation System Performance

RITIS combines and analyzes data from multiple sources, such as INRIX® probe speed data, traffic incident data, work zone information, weather, speed limits, and roadway volume profiles, to enhance real-time analysis and historic reporting capabilities. Data in Oregon's RITIS system is available from 2016 to present.



Oregon implemented RITIS to help agencies make *data-driven* decisions that reduce delays and costs for transportation system users.

Who Can Use RITIS?

RITIS is available to all ODOT staff and Oregon public agencies such as cities, counties and metropolitan planning organizations. Consultants and universities who perform work for a public agency in Oregon can also access RITIS. Access to RITIS is free of charge! Organizations must sign an INRIX data use agreement when requesting a RITIS account at www.ritis.org.

Resources

Training sessions, Oregon's RITIS Handbook, frequently asked questions, and other helpful materials are available on ODOT's RITIS webpage.

Anyone is welcome to join Oregon's RITIS Users Group! Contact Ben Chaney in ODOT's Transportation Planning Analysis Unit to join.

RITIS FOR TRANSPORTATION SYSTEM OPERATIONS

Reporting Templates in RITIS

RITIS has numerous tools to help traffic managers and first responders monitor and report on transportation system operations. RITIS Templates are fully editable Microsoft PowerPoint reports that can be used to build reports on topics such as:



Congestion

The Cause of Congestion tool in RITIS can confirm that actions taken to address congestion truly target the underlying causes. Congestion reports provide insights on both weather and vehicle-related causes of congestion.



After Action Review

RITIS gives traffic managers valuable insights about the impacts of individual traffic events. After Action Review reports are helpful for debriefing with first responders, planning future operational responses and detours, and articulating key messages and lessons learned.



Project Assessments

Reports can be created to describe the performance of a roadway or corridor before and after a project is implemented.

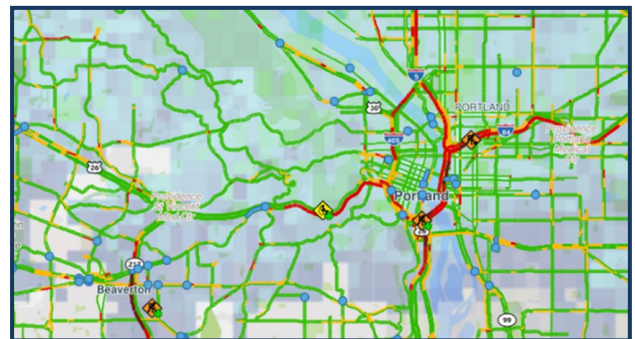


Holiday Travel Forecasts

Holiday travel reports are especially useful for holidays that may fall on a different day of the week each year. For example, ODOT and the City of Sisters rely on these reports for annual sessions to help plan for July 4 holiday travel.

Real-Time Situational Awareness

RITIS provides a central place for traffic management staff to view maps and dashboards showing system operation information in real time. For example, the Region Explorer tool in RITIS shows relationships between bottlenecks and traffic events and their impacts on traffic conditions as they occur.



RITIS improves efficiency and reduces agency manpower needs

Using RITIS saves money by reducing the time, effort and resources needed to monitor and manage the transportation system. For example, ODOT previously set up data collection trailers and hired probe cars to drive through work zones to check for issues. Automated information from RITIS has eliminated those costs, allowing efficient, real-time, remote traffic monitoring at the click of a mouse.
