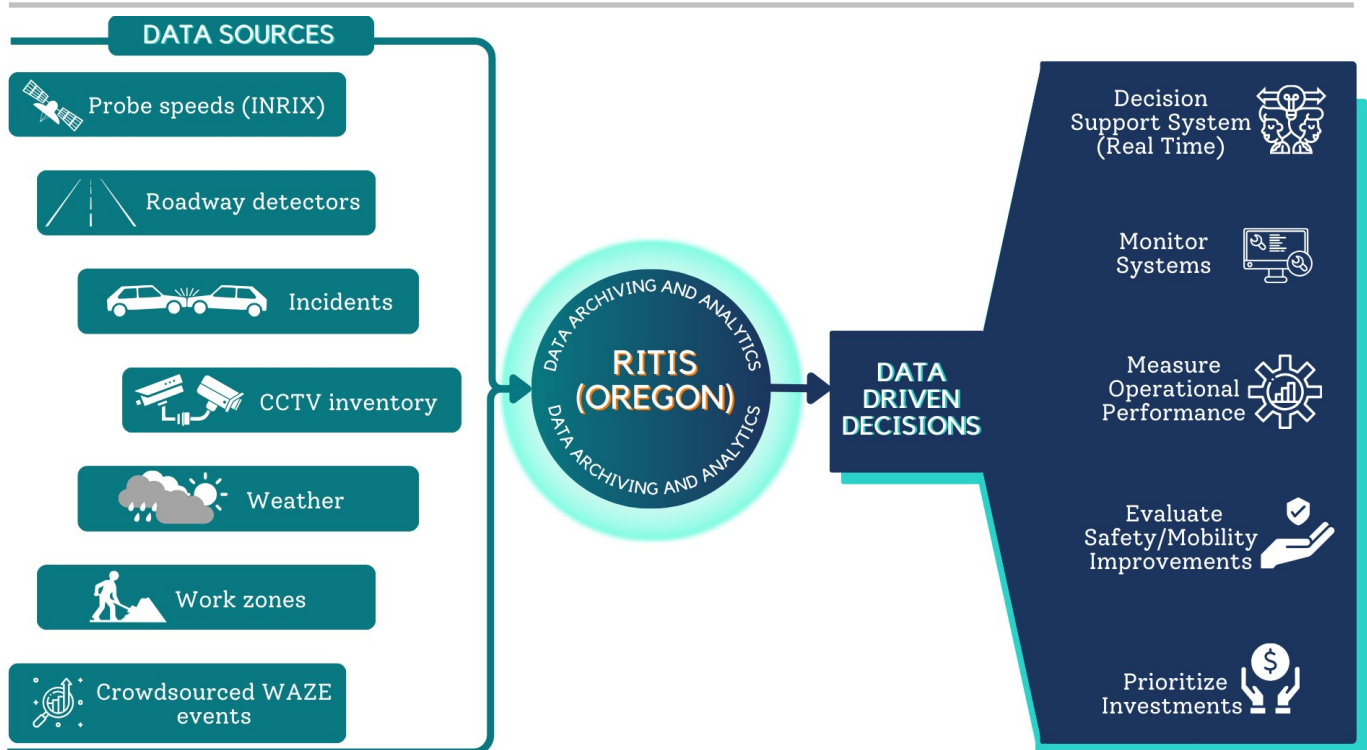


Regional Integrated Transportation Information System

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 PLANNING

Corridor and Network Planning

RITIS offers multiple useful tools for exploring current corridor and network conditions, and helping to focus planning efforts. Some examples include:



Congestion Scans



Corridor Time Comparisons



Corridor Speeds



Trend Mapping



Causes of Congestion



User Delay Cost Analysis



Corridor Performance Reports

Making the Case for Projects and Funding

RITIS can help planners look into issues raised by community members, address inaccurate perceptions about the causes behind those issues, and explain how planned projects are intended to help. RITIS also provides useful facts about user cost delays, bottleneck rankings and other trends that can strengthen grant and funding applications.

Congestion analysis tools in RITIS are helpful to understand both recurring and non-recurring congestion. For example, communities in areas such as the Oregon coast and the Bend/Redmond region in central Oregon experience significant seasonal travel surges due to visitors at certain times of year. However, these areas may find it difficult to compete for funding with larger urban areas that have year-round congestion issues. The ability to quantify visitor-related congestion, and to tell a data-driven story about the impacts of seasonal congestion on emergency response times and other livability concerns in smaller communities, can help to make the case for projects and funding.



Performance Planning

Federal, state, regional, and local transportation policies often require transportation agencies to evaluate and report on system performance measures. Performance analyses are also helpful when prioritizing potential transportation investments.

Before RITIS, performance reporting was labor intensive. Using RITIS, agencies can now automatically assemble, clean, and analyze data, calculate performance measures, and publish professionally formatted reports, saving months of staff time.

