



InspectTech

Inspection, Maintenance, and Asset Management for Transportation Infrastructure: Bridge, Tunnel, Road, Rail, and Transit

InspectTech is a comprehensive software solution for inspection, maintenance, and management of transportation infrastructure assets. This proven software-as-a-service (SaaS) gives users universal access to asset data – from the field, on the road, or in the office. InspectTech integrates asset data that is useful for multiple operational needs, from inspecting and reporting to capital-project decision making.

Maximizes Use of Transportation Asset Information

InspectTech enables owner-operators to maximize the use of transportation asset inspection information for onsite inspection, reporting, maintenance planning, project prioritization, and work scheduling. Quick access to all information allows organizations to turn needs into actionable plans.

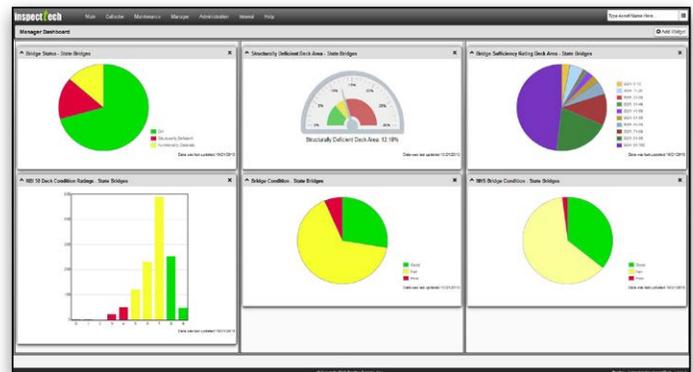
InspectTech users include departments of transportation, transit agencies, county and municipal governments, and engineering contractors. These organizations are able to comply fully with government and industry regulations, including those from the U.S. Federal Highway Administration (FHWA), Federal Transit Administration (FTA), and Federal Railroad Administration (FRA). The system helps users meet new requirements for the Moving Ahead for Progress in the 21st Century Act (MAP-21) across multiple transportation modes. InspectTech integrates with a variety of other Bentley software for easy data exchange and works in combination with AASHTOWare's Bridge Management system.

Supports All Types of Transportation Infrastructure

InspectTech is the industry's preferred software for the inspection and inventory of all types of infrastructure assets, including bridges, culverts, signs, light poles, antenna towers, storm water, guardrails, retaining walls, and other ancillary structures. Deployed in a secure cloud-computing environment and monitored 24/7 by Bentley MANAGEservices. InspectTech has an off the shelf offering that meets all FHWA, National Bridge Inventory (NBI) and MAP-21 requirements that allows for rapid implementation of the system. The InspectTech system also includes a suite of tools which allows users to configure the system to meet their agency's needs.

Streamlines the Entire Inspection Process

Using InspectTech, inspectors can quickly and effectively collect, analyze, manage, and report inspection data while working in the field, the office, or anywhere in between using mobile tablets. The software significantly improves the quality, usability, and amount of data available to make key decisions while



The Manager dashboard provides users with widgets, graphs and helpful information on inventory changes, inspection report updates, and asset conditions.

preventing errors and avoiding mistakes. InspectTech's seamlessly integrated Collector, Manager, and Maintenance modules make sharing asset information across an organization easy and efficient.

InspectTech software delivers an array of tools that enable users to more effectively and efficiently manage infrastructure assets. A geographical information system (GIS), advanced report generation, security features, search and data retrieval, and an executive dashboard allows users to streamline asset management processes. Support for rich data (pictures, video, audio, and other PDF files) and capabilities such as direct in-context access to inspection manuals and historical data add to the overall quality of asset inventory information and reports.

Rapid Implementation for US Highway Agencies to meet MAP-21 and National Bridge Element Requirements

- Meets FHWA and MAP-21 requirements for inspections and asset management
- Support collection of National Bridge Inventory (NBI) and AASHTO Bridge Elements
- Standard reports for NBI and National Bridge Element (NBE) tape submission
- Performance metric reports and dashboards based on industry best practices

System Requirements

Processor:

32-bit systems:

1 GHz or faster processor
(2 GHz or faster recommended).
Multi-core processor recommended.

64-bit systems:

1.4 GHz or faster processor.
Multi-core processor recommended.

Browser:

Minimum Requirements:
Internet Explorer 8 or later
Firefox 20 or later
Chrome 25.0 or later
Safari 5 or 6

For best performance use:

Internet Explorer 10
Firefox – Latest available
Chrome – Latest available

Memory:

Minimum Requirements:
32-bit systems:
2GB RAM

64-bit systems:
4GB RAM

**Find out about Bentley
at: www.bentley.com**

Contact Bentley

1-800-BENTLEY (1-800-236-8539)
Outside the US +1 610-458-5000

Global Office Listings

www.bentley.com/contact

InspectTech At-A-Glance

Single Repository of All Transportation Assets

- Single source of truth data access
- Compatible with all transportation asset types
- Complete asset histories are stored and accessible
- Stores historic data and photographs

Automatic PDF Output Report Format

- Templates allow instant, uniform report generation
- Automatic photo referencing

Summary Dashboards and Reports

- Executive dashboards based on industry best practice performance measures
- Inventory-wide conditions are displayed and managed.
- Summary reporting on comprehensive condition and deficiency information
- Ad-hoc reporting tools

Automatic Scheduling and Tracking of Asset Inspections

- Intelligent tracking of asset inspection type required and when inspections are due
- Automatic alerts of upcoming and overdue inspections

Automatic Support for FHWA Requirements

- Full support for NBE inspection requirements
- All required federal NBI fields
- Federal NBI and NBE tape generation

Onsite Data Entry Using Mobile Devices

- In-the-field data collection
- Automatic uploading of field data to the server
- In-context inclusion of photos, audio, and video

Electronic Review Process

- Instantaneous, online report delivery
- Configurable workflow process
- Automated error checks

Integrated Inspection and Maintenance System

- Closes the loop between inspections and maintenance allowing inspectors to see what activities have been completed since the last inspection

Cloud Services

- 24/7 data continuity