



Managing, Reviewing and Reporting Inspection Data from the Office



### **Simplify Data to Amplify Actions**

SmartTabs enable dynamic, drill-down reporting with unlimited filtering and querying, helping users quickly identify high-risk assets, prioritize maintenance, and generate detailed reports—all integrated with GIS for spatial analysis and visual mapping of inspection data.



### **Custom Templates, Validated Data**

Offers a customizable template editor for client-specific workflows and NASSCO validation, supporting scalable data structures, regulatory compliance, and funding justification.



### **Confident Access Control**

Provides admin tools for centralized management of users, groups, and projects, allowing control over roles, permissions, and reserved licensing to enhance security and oversight.



### **Complete Inspection Summary**

Inspection Viewer provides a detailed, interactive view of each inspection—complete with data, media, and observations—allowing users to quickly review, edit, or compare inspections side-by-side based on permissions, and generate shareable links for easy collaboration.



### **Easy Import of Inspection Data**

Offers multiple options for importing inspection data, including manual upload through the web interface, from external files, using our Connect tool for batch uploads, and cloud-to-cloud syncing between contractors and cities. API integration allows third-party systems to push inspection data and media directly into the platform for seamless, automated workflows.



### **Smarter Mapping, Better Decisions**

Esri GIS integration visualizes inspection data on color-coded maps to support planning and decision-making, enables asset selection and dispatch to field crews, and ensures data consistency by comparing and syncing asset attributes between Web and GIS. “Find My Location” and map-based asset selection help users quickly locate themselves and nearby assets, streamlining inspection review and planning.



### **Smarter Workflow Tracking & Visibility**

Provides clear visibility into inspection and work order progress, with labels like Open, In Progress, Submitted, Accepted, and Rejected helping users instantly understand the workflow status. Supporting quality control, statuses allow users to flag items for review or rejection, and play a critical role in cloud-to-cloud sync workflows by triggering data transfers when marked complete. Status fields can be used within SmartTabs for easy filtering and can automate actions like closing work orders or updating your AMS system.



### **Streamlined Data Delivery**

Offers customizable reporting and export tools with clickable inspection hyperlinks, enabling users to generate and share reports in multiple formats, automate delivery, link to AMS work orders, and instantly access inspection details for faster collaboration.



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# pipes<sup>TM</sup> Mobile & Web

Experience the power of connecting field inspections and office management

ITpipes Mobile and Web work together to create a seamless, connected workflow allowing field crews to collect inspection data and sync it to the office for instant review, QA/QC, and reporting. This powerful integration improves data accuracy, streamlines work order management, and delivers a complete solution from initial inspection to final report.



## Seamless Sync from Field to Office

Synchronize inspection data in real time or on schedule, allowing offline field work with seamless syncing and immediate office review, eliminating manual transfers and improving collaboration across teams.



## Understand Your Data Instantly

SmartTabs enable filtering, sorting, and performance tracking of synced inspection data, allowing teams to identify items needing review, trigger automated alerts for critical defects, and generate NASSCO-compliant reports for streamlined compliance and stakeholder sharing.



## Integrated GIS Mapping

Ensures consistency across platforms, enabling field crews to view accurate asset details on-site and allowing office staff to spatially visualize inspection results, all while reducing manual entry errors.



## Direct Connection to AMS

Provides seamless integration with AMS platforms like Cityworks and Cartegraph by automating the flow of work orders to and from Mobile, reducing double entry, ensuring accurate records, and supporting both planned and unplanned inspections.



## Centralized QA/QC and Review

Allows office users to review, edit, and approve inspections synced from Mobile field inspection software, ensuring data quality before reporting and supporting centralized oversight and standardized inspection practices.



## Efficient Media Management

Videos and images captured in Mobile are centrally stored and accessible in Web, making it easy to manage, share, export, and archive inspection media.



## Dynamic Work Order Management

Work orders can be created in Web and assigned to Mobile users or generated in the field and synced back to the office, supporting dynamic scheduling, emergency response, and flexible inspection workflow management.



## Unified Hardware Support

Mobile and Web share support for a wide range of CCTV camera systems and video capture devices, ensuring consistent performance, minimizing compatibility issues, and simplifying hardware support across field and office environments.



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