

CT SPEC

Sewer
Inspection
Software
Solutions



Dedicated to providing the most innovative sewer inspection software technology to manage underground networks

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For over 15 years, **CTSpec's** field professionals have developed state-of-the-art applications for sewer systems and other underground infrastructures. By incorporating award-winning reporting functionalities, unique features and innovative process-oriented technologies, **CTSpec** is trusted by professionals to deliver the best sewer inspection and management software solutions.

With **CTSpec Inspection On Demand**, the execution of sewer inspections from the customer's initial request to delivery of detailed reports is a lot easier. It allows to :

- Store and view all recorded video inspections regardless of the standard used (WRC, PACP, MACP or other)
- Examine operational or structural inspection data
- Develop an action plan:
 - Determine a course of action
 - Schedule the time of the intervention
 - Allocate a budget
- View the intervention plan, the repairs, and the maintenance on the city's map
- Share results with customers, engineers, contractors or public works departments online in real-time
- Monitor inspection contracts or projects
- Become 100% digital
- Keep track of the interventions carried out on the network
- Significantly reduce operational costs (medias, printing material, courier)
- Shorten the length of time between the initial inspection and invoicing

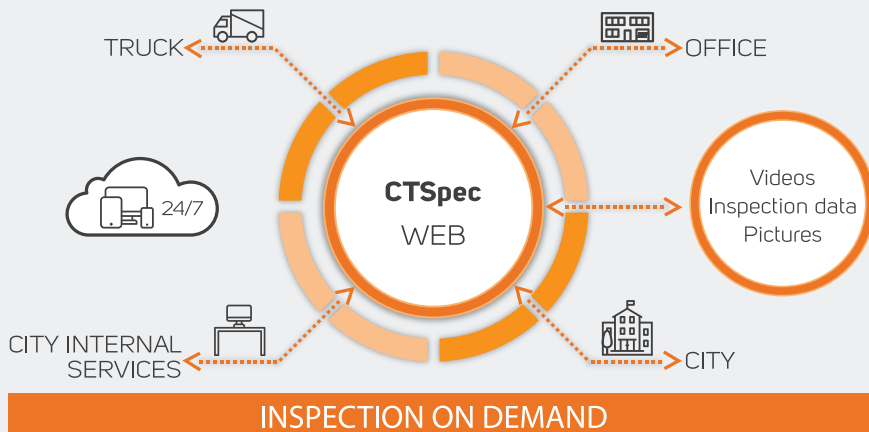
CTSpec Inspection On Demand

CTSpec Inspection On Demand includes the following software solutions that can be used either independently or together to provide a complete, comprehensive, underground network inspection experience.

Modules	CTSPEC - OFFICE	CTSPEC - TRUCK	CTSPEC - WEB
Mainline Inspection (PACP)	✓	✓	✓
Manhole Inspection (MACP)	✓	Optional	✓
Lateral Inspection (LACP)	✓	Optional	✓
GIS Connector (Arc GIS, Jmap)	Optional	Optional	TBA
Panoramo SI 3D Measurements	Optional	Optional	N/A
Panoramo 3D Analysis	Optional	Optional	N/A
MP4 - 360 Video Viewer	Optional	Optional	N/A
Profiler (Ovality Analysis of Pipes)	Optional	Optional	N/A
PDF Reports	✓	✓	✓
Data Exchange	✓	✓	Optional
Overlay Edition	—	✓	—

As your daily inspection data is being transferred by contractors to **CTSpec Web**, it becomes available through an online viewer to all users who need to consult it.

Inspection data is easily exchanged throughout the **CTSpec Inspection On Demand** platform.



SEARCH

For pipes, manholes or laterals using search criteria such as their asset number, road location, inspection specific or date range, or by their structural or operational grades.

VIEW

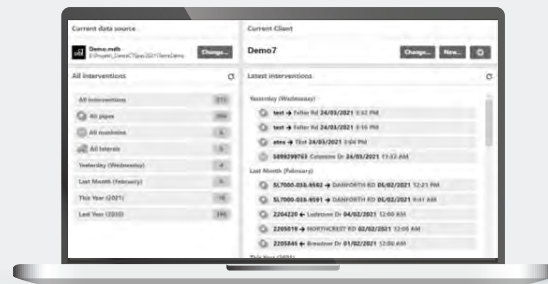
The selected inspection's related videos, pictures and observations as well as consult the inspection details.

SHARE

Inspection videos, pictures and details by generating a specific URL that can be emailed and accessed online.

CTSpec Inspection On Demand Platform

CTSpec Web is a secure, high performance web application, accessible at all times, that allows to receive, centralize, store, search, view, share and download inspection data using a secure web application. This online solution simplifies the sharing of inspection documents throughout the company and its customers. Providing direct access to their inspections in real-time using an online URL address. Contractors can easily transfer daily inspection data directly into the database eliminating the need for HDD or memory sticks.



CTSpec Office is the Office Sewer Inspection Software that allows to search, view, capture, analyze and share sewer infrastructure asset data from the office. **CTSpec Office** is an efficient tool to manage pipes, manholes and lateral assets under the latest PACP, MACP and LACP certifications. When used with the GIS add-on, **CTSpec Office** allows to import ESRI ArcGIS or Jmap asset databases.

CTSpec Truck allows to optimize the entire process of collecting, analyzing and exporting Sewer Asset Inspection Data directly from the truck that is in the field. As CCTV inspections occur or as the engineering team reviews inspection data, observations can be made and actions planned. Programmable custom fields to accommodate specific needs are searchable and used in custom reports. **CTSpec Truck** is an efficient tool to perform inspections under the latest PACP, MACP, and LACP certifications and is compatible with most camera types on the market.

DYNAMIC REPORTING

CTSpec's simple and multi-section reports allow the selection of either NASSCO, CTSpec or custom reports. Contextual and dynamic reports include a custom cover page, table of contents, graphic summary, partial maps, index of assets, structural rating, O&M rating, asset summary and condition details with pictures and observations as well as a smart legend.



GIS READY

With CTSpec Inspection On Demand being GIS ready, it is easy to import ESRI ArcGIS or JMap asset data directly into the software.

- Create an inspection by selecting an asset on the map or automatically inserting the inspection data from the information found in the GIS table of contents.
- Easily illustrate the inspected assets on the map via simple queries or create a thematic plan according to conditions entered during the inspection whether they are pipeline structural assessment plans or plans showing roots or any other conditions.

SAVE TIME AND ELIMINATE FIELD DATA ENTRY ERRORS BY USING CTSPEC INSPECTION ON DEMAND !

CTSpec Maintenance, Support Program and Updates

CTSpec maintenance and support program provides access to the resources and services required to ensure you are getting the most out of your sewer inspection software. Version updates include new features, compatibility with third party software as well as compliance to the latest NASSCO certification program.

CTSpec – Requirements

CTSPEC - OFFICE	CTSPEC - TRUCK
OS : Windows 7 (32 and 64 bits), Windows 8 (32 and 64 bits), Windows 10	OS : Windows 7 (32 and 64 bits), Windows 8 (32 and 64 bits), Windows 10
CPU: Intel Core2 Duo 2.4 GHz or higher	CPU: Intel Core i5-460 2.53 GHz. *** AMD not supported.
4 GB RAM	8 GB RAM
Hard drive speed : 7200 RPM or SSD	Hard drive speed : SSD (recommended) or 7200 RPM
Screen resolution : 1280 X 960 or better	Screen resolution : 1280 X 960 or better
6 GB free hard disk space	250 GB free hard disk space
250 GB or more of free local disk space or on a server to store data inspection	Compatible Video Capture Device Tested and recommended “Dazzle DVD Recorder Plus”
OPTIONAL	OPTIONAL
Mapping software ArcGIS - ArcMap 9 and 10 / JMAP	Mapping software ArcGIS - ArcMap 9 and 10 / JMAP
	Distance meter (optional) Serial PCI Card
	***Meter supported : IBAK EDE7, XBOB 4E (CUES), ARIES VL3000 and 5000, IPEK, Deep trekker DT340, MccDAQ USB, Pipotech inspection interface, Scwalm OSCDcc rev 1, US Digital QSB and CUES K2 system
	Known hardware incompatibilities: Video Card Intel HD 2500



Certifications



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