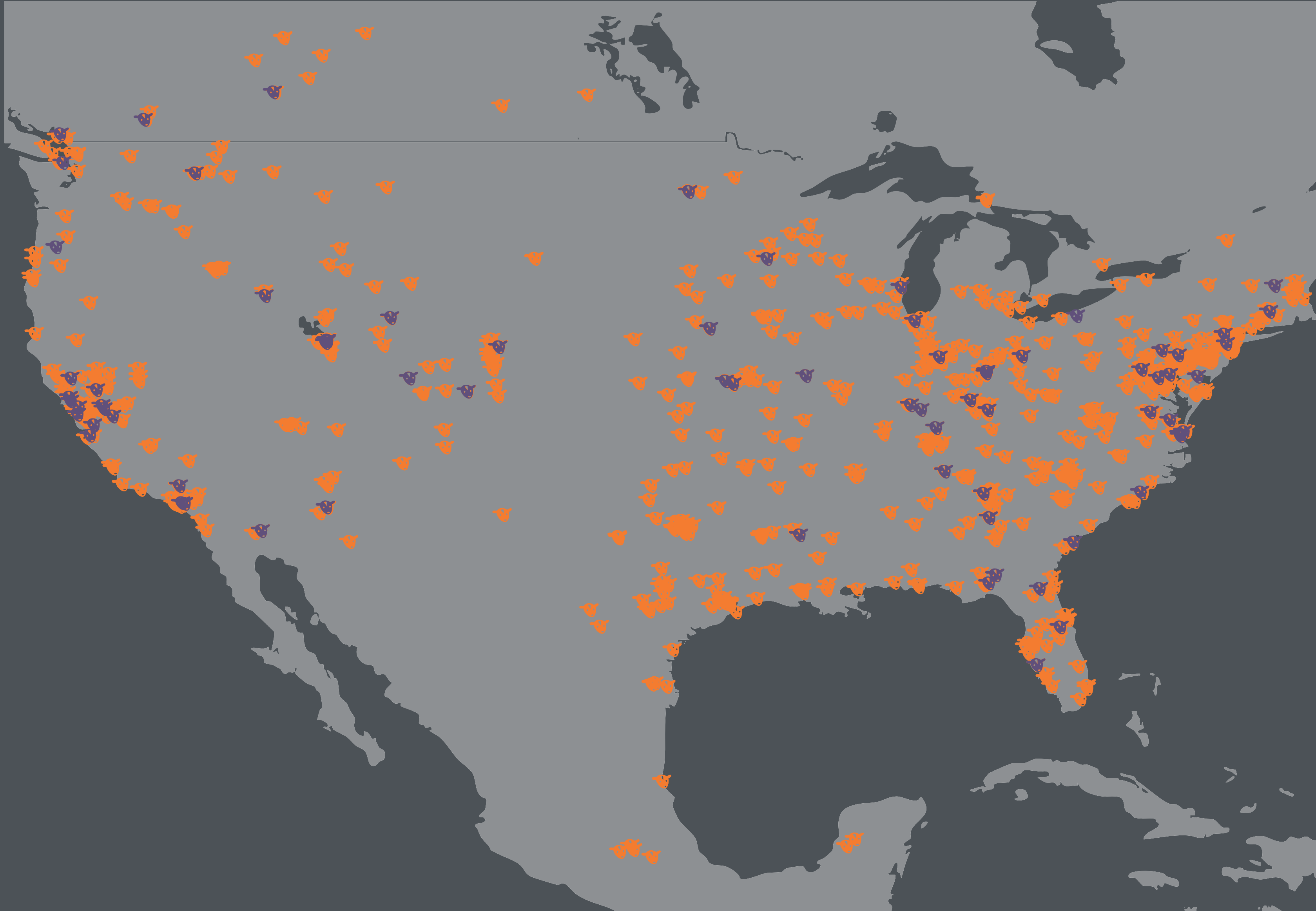




PIPELINE OBSERVATION SYSTEM MANAGEMENT

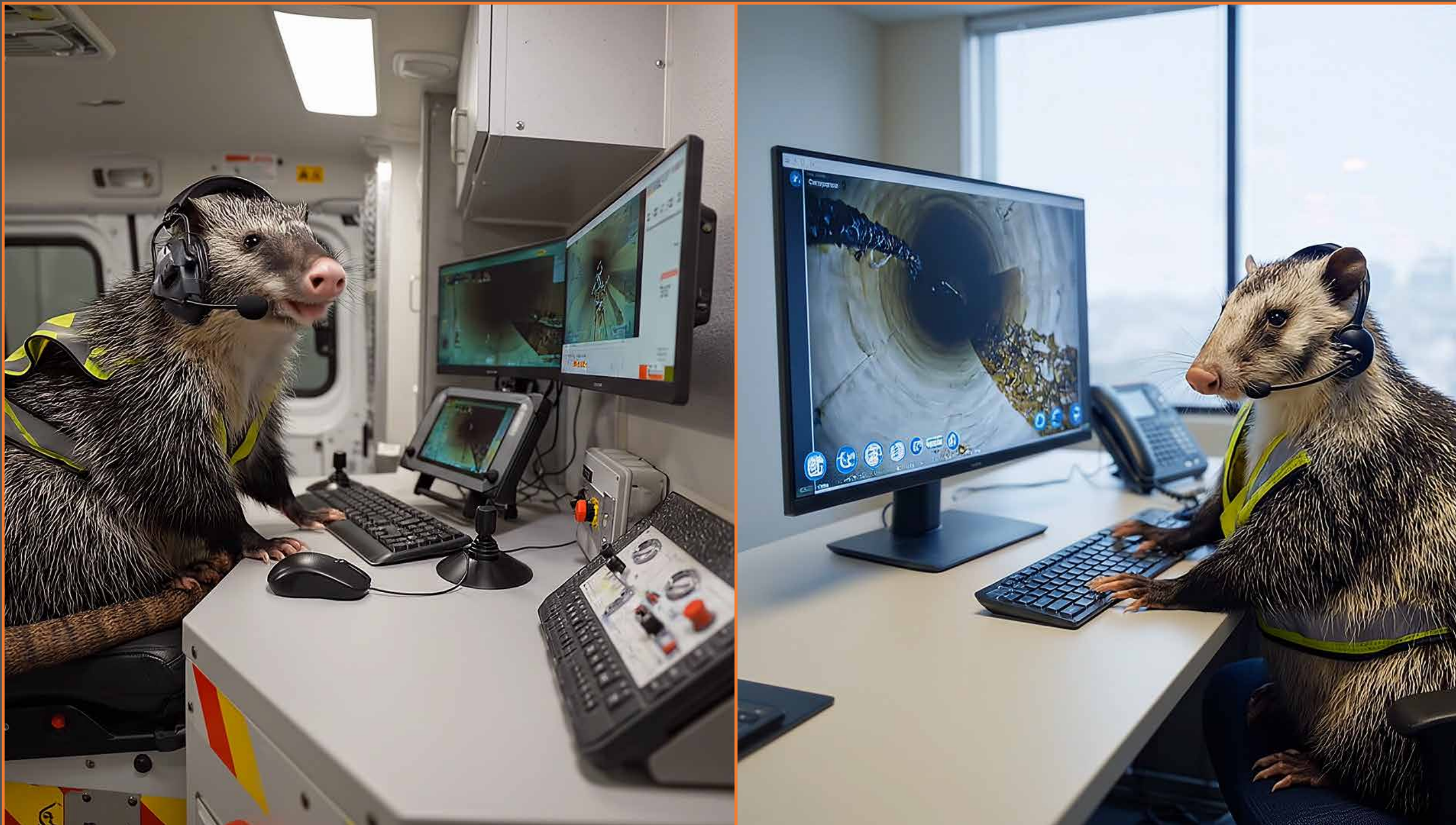
POSM Software – Founded in 2000

**With Over 812 Satisfied Customers,
🐼 1500 Active Inspection Systems and 🐼 75 Servers,
POSM Has a Proven Track Record in the Industry.**





PARTNER WITH POSM – FAST, RELIABLE, SAME-DAY SUPPORT THAT KEEPS OPERATIONS MOVING



- **Real-Time Remote & Phone Support** – Minimize Downtime and Keep Operations Running Smoothly
- **Fast Response** – Most Issues Resolved the Same Day By Our Experienced Tech Team
- **Availability** – Monday–Friday, 7 AM – 7 PM ET
- **Remote Support App** – Connect Instantly with a Technician Using Our Secure Support Tool
- **Resources**
 - **Button Manual:** buttonmanual.posmsoftware.com
 - **Quick Start Guides:** Step-by-step POSM inspection instructions
- **Spanish Support**



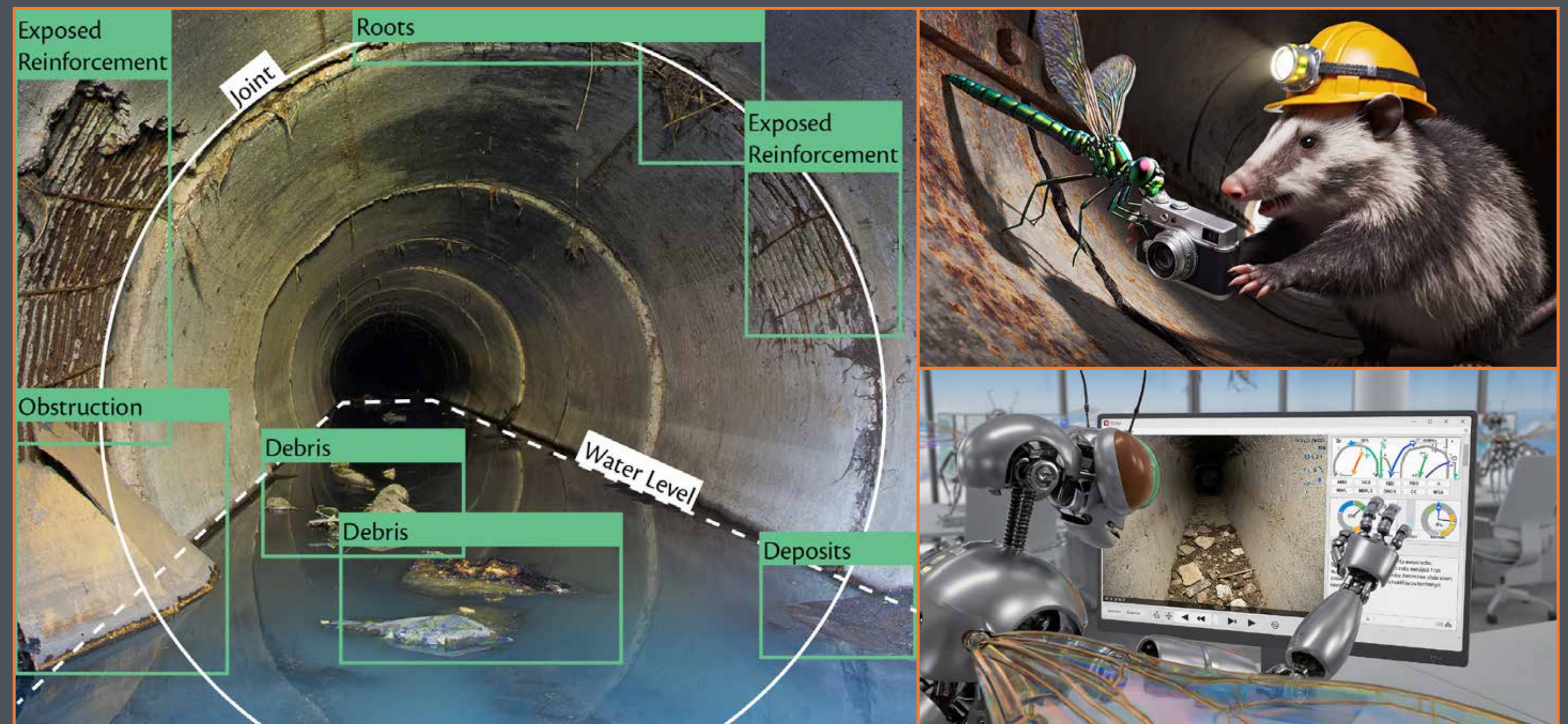
DRAGONFLY – AI DEFECT CODING OF SEWERS IN POSM SOFTWARE

Optimize Sewer Infrastructure Management with Dragonfly,
an AI-Powered Solution Directly Integrated into POSM

- **Upload, Analyze, Download** – Efficient Video-to-AI-to-POSM Workflow
- **Faster Results:** AI Accelerates Inspection Review and Coding
- **Accurate & Consistent Data Meeting NASSCO PACP Standards**
- **Real-Time Status Updates and Automatic Result Notifications**
- **Smarter Asset Management:** AI Recommendations for Maintenance Priorities
- **Free To Try**



DragonflySM
by **Jacobs**



INSPECTION SOFTWARE

POSM INTEGRATES WITH A WIDE RANGE OF INSPECTION SYSTEMS FOUND IN TODAY'S MARKET



It Just Works

Compatible With: • Aries • Can-Ex • Cues
• Deep Trekker • Edge AI • Envirosite • IBAK
• Owl Vision • Hathorn • ID-Tec • Minicam
• Proteus VIR • Rausch • Ritec • Schroder
• Subsite • Trio-Vision • Vivax Metrotech



INSPECTION SOFTWARE

EMPOWER YOUR SEWER INSPECTIONS WITH POSM'S SUITE OF APPLICATIONS



 **PRO**

Full Featured
Version of our
Inspection Software



 **PORTABLE**

Survey Laterals, Wells
and Manholes



 **MANHOLE**

Custom Templates and
NASSCO MACP Level 1 and 2
Inspections



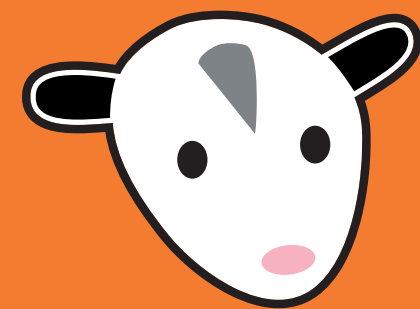
 **PACP**

Streamlined Features for
Coding NASSCO PACP
Inspections



 **LITE**

Simplified Inspection
and Reporting

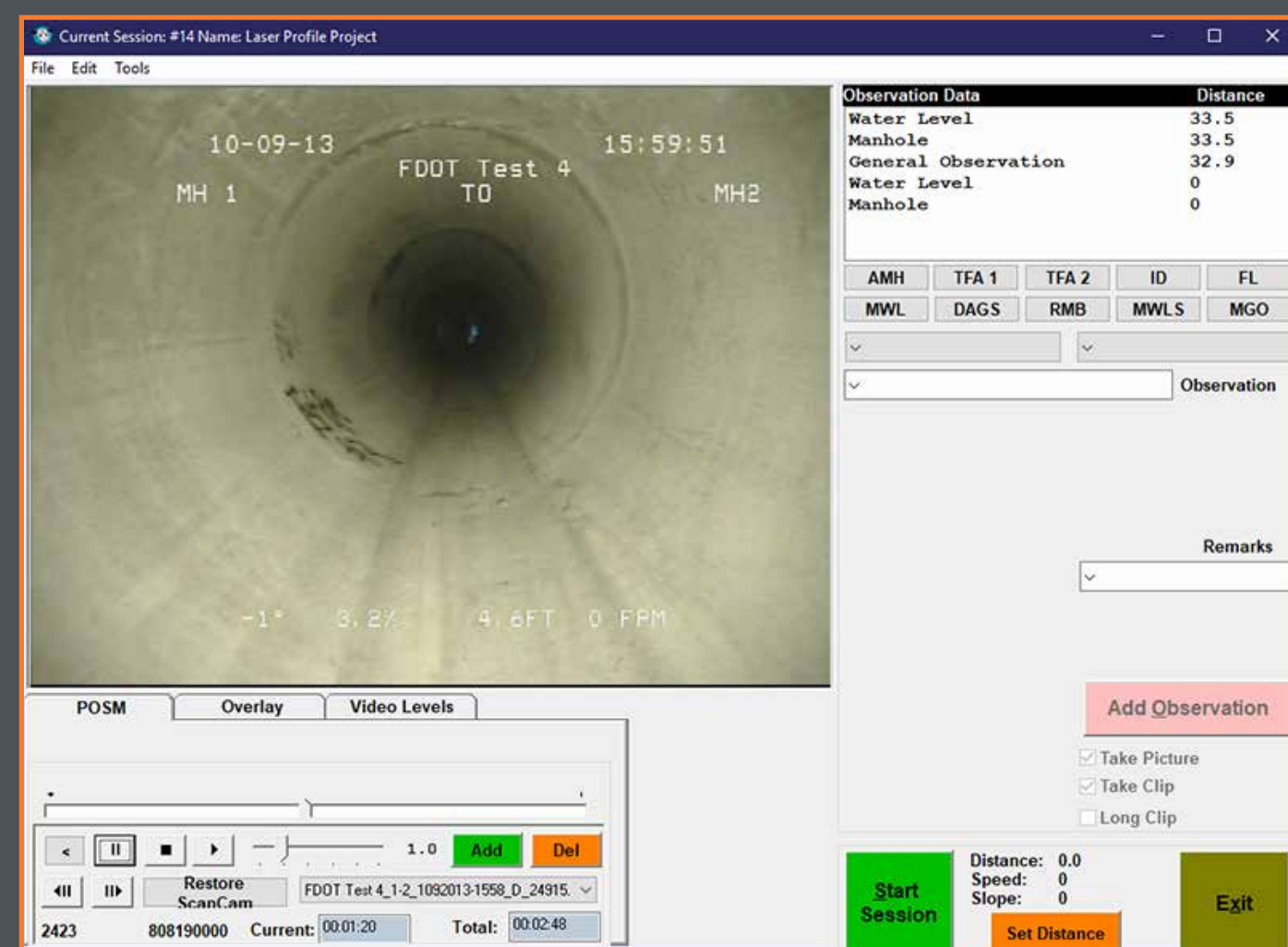


It Just Works



ADVANCED, CUSTOMIZABLE SEWER INSPECTION SOFTWARE PROVIDING THE COMPLETE SOLUTION FOR PROFESSIONALS

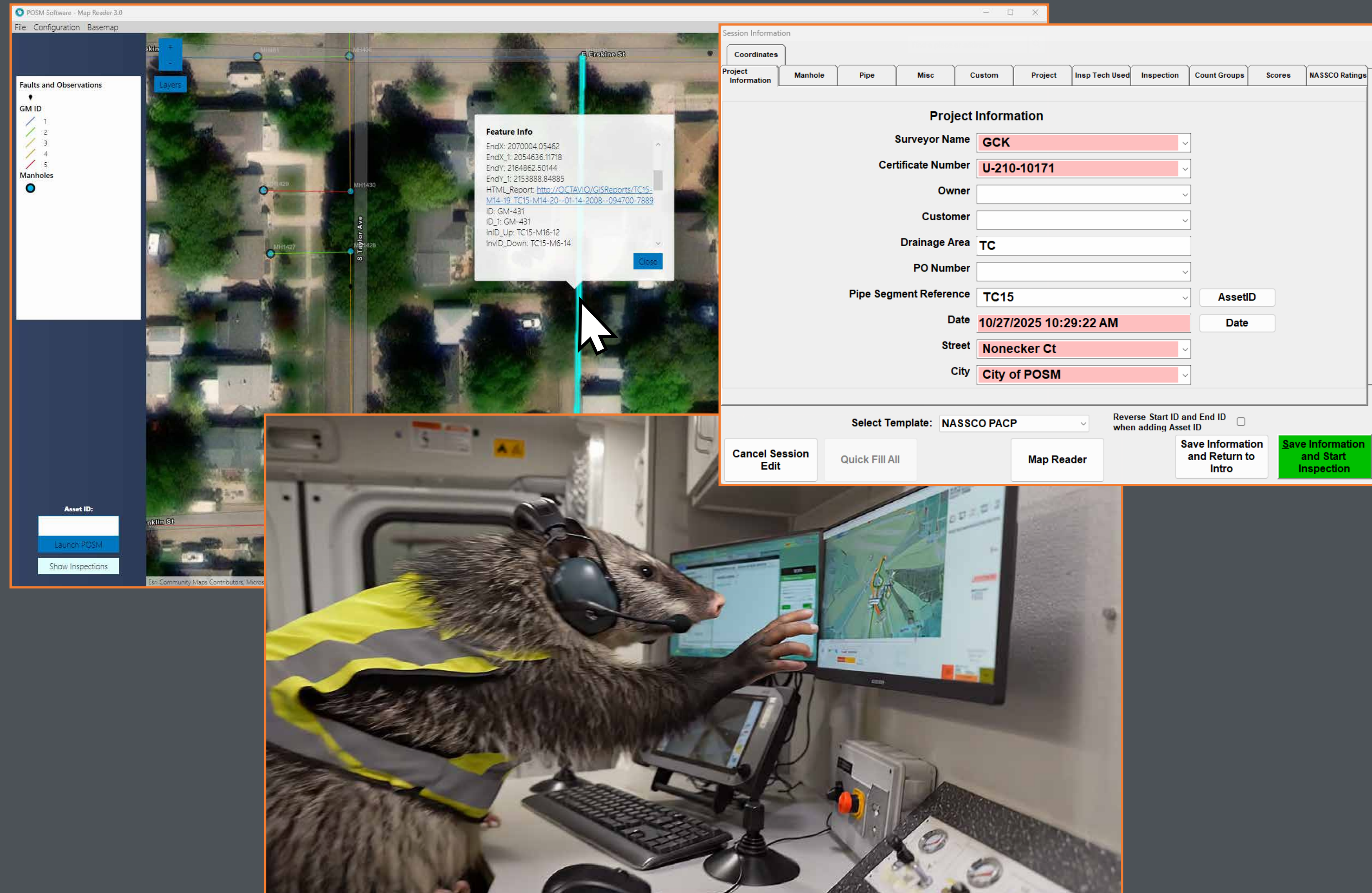
- **All-in-One Sewer Inspection Software** for Mains, Laterals, and Manholes
- **Compatible With Most Systems**
- **Highly Customizable** – Templates, Reports, Overlays, and Workflows Tailored to Your Needs
- **NASSCO Certified** – PACP, LACP, and MACP Compliant
- **Integrated GIS Tools** – Includes POSM Map Reader for Online/Offline Mapping
- **Real-Time Support** – Same-Day Remote Assistance Built Directly Into the Software
- **Advanced Reporting** – HTML and Interactive Plotting with Photos, Videos, and Laser Data
- **Full Hardware Integration** – Supports Profiling, Laser Measurement, Inclination, Lateral Tracking, and Lateral Launchers



MAP READER

START INSPECTIONS BY CLICKING ON MAP LINE SEGMENTS

- **Click. Inspect. Sync.** – Launch Inspections Directly from GIS Map
- **Works Online or Offline with ArcGIS Online or Field Replicas**
- **Auto-Fill Data** – Pull Pipe and Manhole Details Straight from GIS Layers
- **Color-Coded Maps** – Instantly See Inspected vs. Uninspected Assets
- **Built-In Search & Navigation by Address, Asset ID, or Any GIS Field**
- **Auto ID & Coordinate Sync** – Real-World X/Y and Asset IDs Written to POSM
- **Integrated Media Links** – Access Inspection Videos and PDFs From the Map
- **No Enterprise License Required** – Ready For All POSM Pro Users
- **The POSM GIS Department Will Create and Update Map Reader Maps**





INTEGRATE POSM SEWER INSPECTION DATA WITH ASSET MANAGEMENT SOFTWARE

POSM Trimble Unity Maintain

File

Search Sessions

Template: NASSCO PACP Database Field: All Sessions Operator: Value: Search

Sessions: (121) ☐ Select All

	Session ID	Project Name	Asset ID	WO Number	Manhole	Date/Time	Location	Operator
☐	1	Cityworks Test	TC4-M12-1 to ...	122452	TC4-M12-1 To TC4-M12-2	2020-11-22 10:12	BURNAM CT	Katter Bob
☐	2	TC4	TC4-M17-7 to ...	122452	TC4-M17-7 To TC4-M17-8	2020-11-22 12:58	PEMBROKE DR	Katter Bob
☐	3	DC12	DC12-M4-11 t...	135124	DC12-M4-11 To DC12-M3-15	2020-07-16 13:11	FOURMILE RD	Bob Katter
☐	4	TC7	TC7-M3-8 to T...	135762	TC7-M3-8 To TC7-M4-7A	2020-07-15 08:19	LOMBARDY ST	Bob Katter
☐	5	TC2	TC2-M3-1 to T...		TC2-M3-1 To TC2-M3-3	2020-06-11 10:29	N KEENELAND DR	Bob Katter

Sync Settings

Entity Group: Sanitary Sewer Entity Type: SanSewer Gravity Mains Template: PM - TV Work Order: 144240

Mapping

Trimble Unity Maintain POSM Field Add Mapping Delete Mapping

	Inspection ID	Pipe ID
☐	20047	TC4-M17-7 to TC4-M17-8
☐	19239	607

	Trimble Unity Maintain	POSM Field Name	POSM Field Number
☐	WorkOrderId	Work Order	Field55
☐	CertificateNumber	Certificate Number	Field2
☐	City	City	Field10
☐	CondRating	Overall Score	Overall Score

Add to Trimble Unity Update Trimble Unity ☐ Force Selected WO Number ☐ Update POSM WO Number v1.8

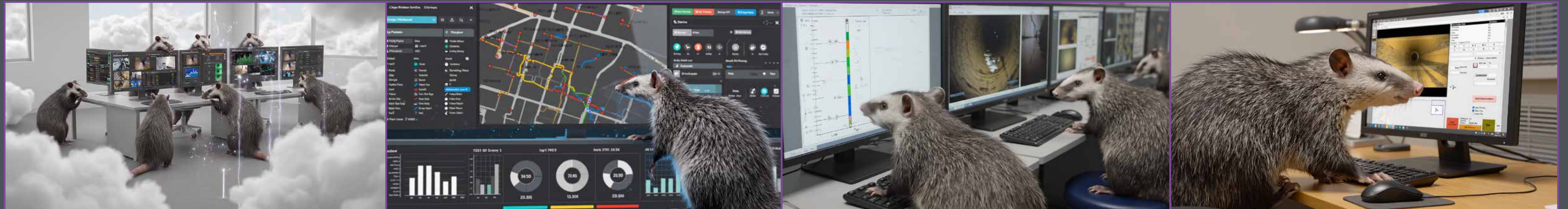
- Connect POSM Inspections Directly to City Asset Management Systems
- Automated Data Sync – Reports, Scores, Videos, and Updates Pushed via API
- Eliminate Manual Entry and Keep Asset Records Current
- View POSM Reports & Videos Directly Inside City Software
- GIS-Compatible – Syncs with Map-Based Systems and Elements



Direct Integrations: • IamGIS • Hansen • Infor • OpenGov • Trimble
Integrations through GIS: • Elements • iWorQ • Lucidity • Maximo • Viewworks

OFFICE SOFTWARE

DISCOVER POSM OFFICE SOFTWARE: STREAMLINE INSPECTION MANAGEMENT WITH
POSM WEB, CENTRAL, SERVER, STORAGE, OR WORKSTATION



WEB & CENTRAL

View and Edit Inspection Data through
your Web Browser

SERVER

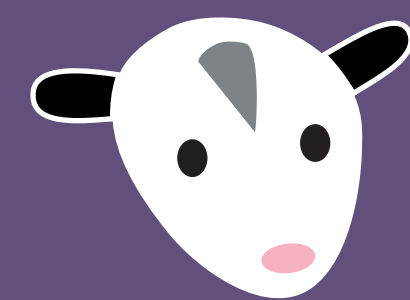
Store, Share, Manage All CCTV Data and
Media with Two-Way GIS Exchange

STORAGE

For Contractors and Municipalities
Without GIS Integration

WORKSTATION

Basic Storage and Reports

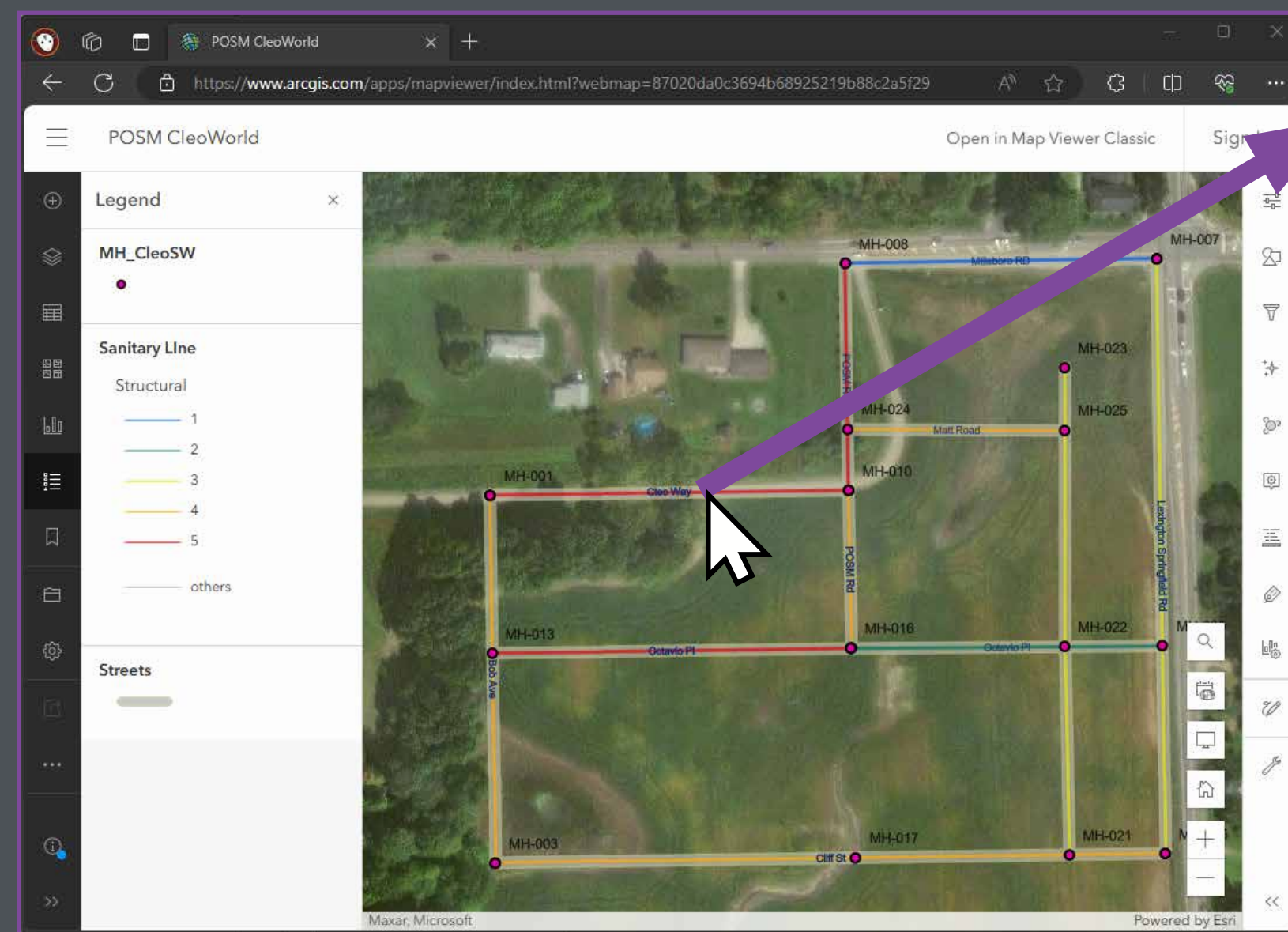


It Just Works



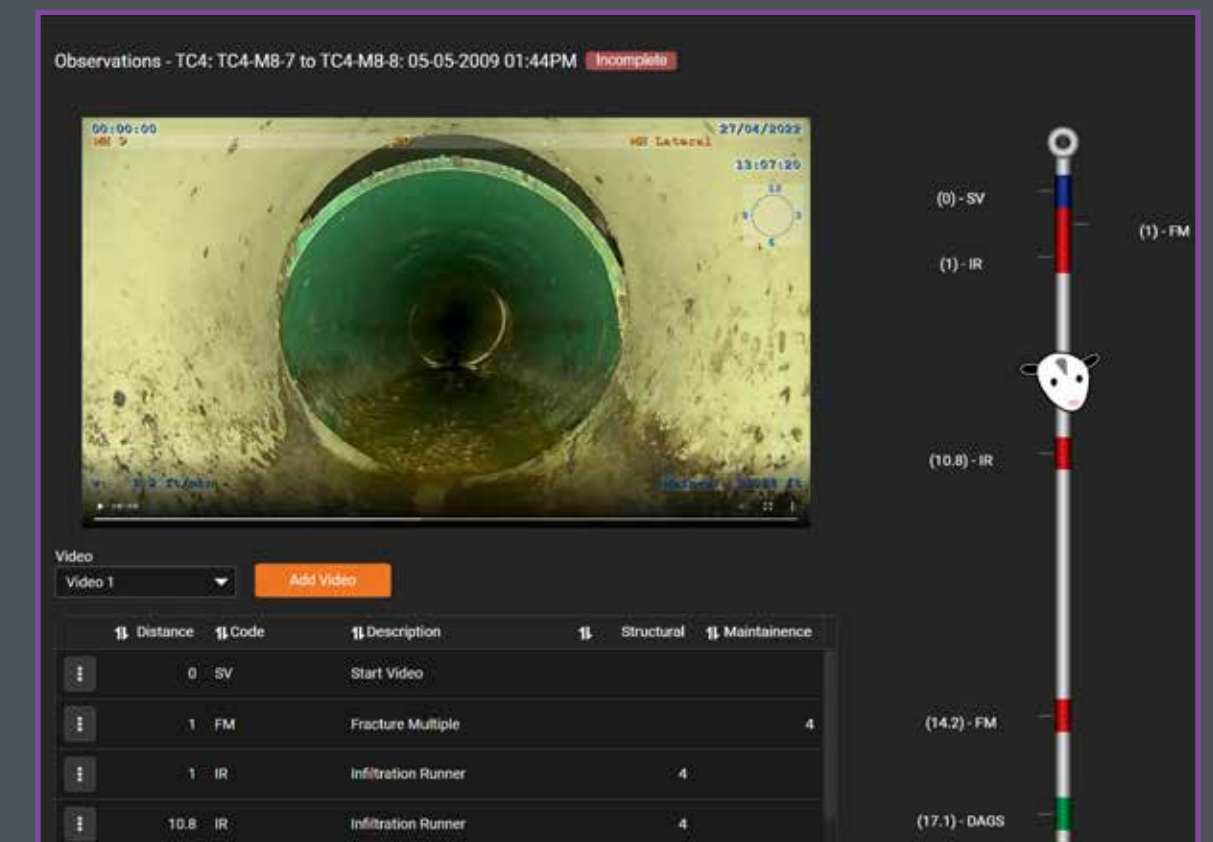
STORE, SHARE, MANAGE ALL CCTV DATA AND MEDIA WITH TWO-WAY GIS EXCHANGE

Comprehensive GIS Integration, Dashboards and Data-Driven Insights

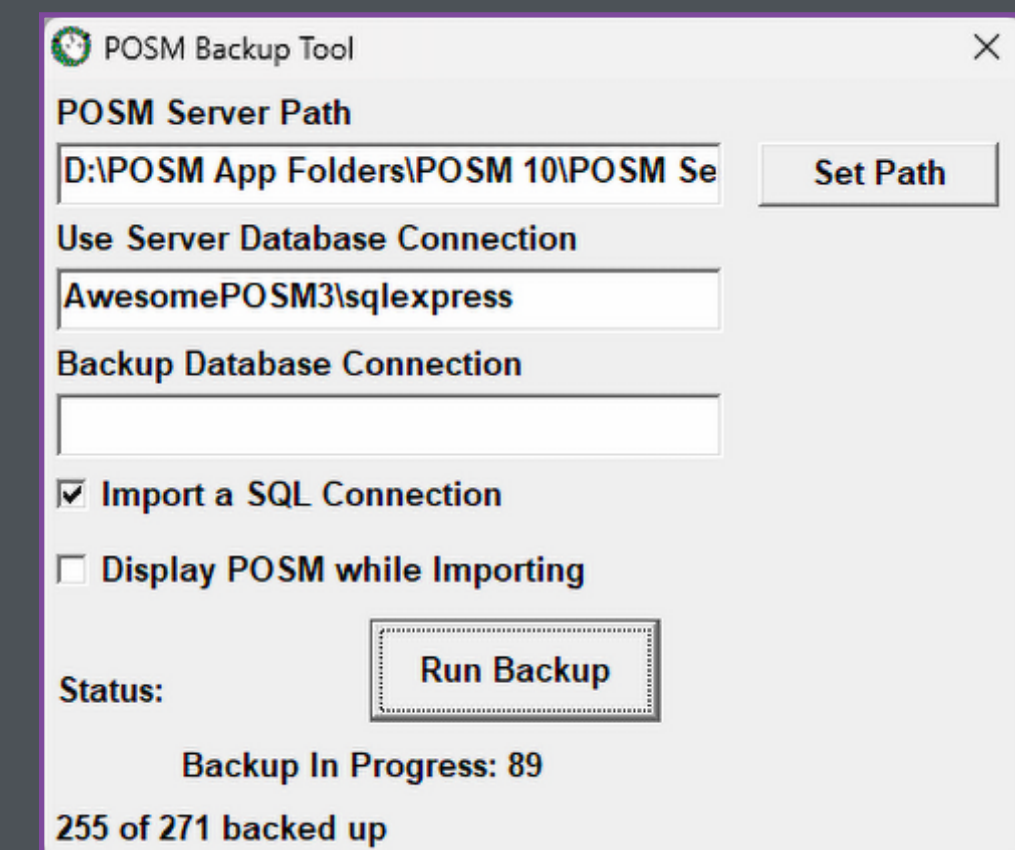


Link Map To Reports or POSM Web

Project: POSM Demo				
Date: 7/19/2021 1:19:00 PM		Pipe Segment Reference: A8A7		
Street: Owl Vision Way		Upstream MH: A 8		
Length Surveyed: 110.5		Downstream MH: A 7		
Run Number:		Direction of Survey: Downstream		
Height (Diameter): 8		Material: Polyvinyl Chloride		
Distance	Fault Observation	Time	Picture	
0.0	Access Point Manhole Severity: None Remarks: A 8	1071:31:08		
0.0	Miscellaneous Water Level Severity: None Percent: 0	1428:28:00		

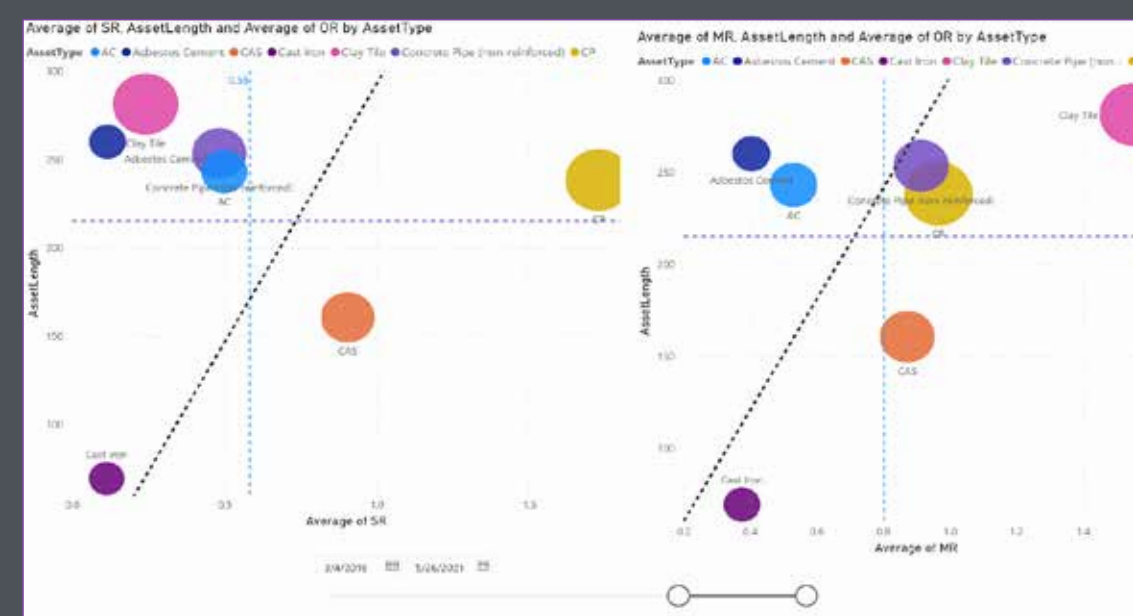
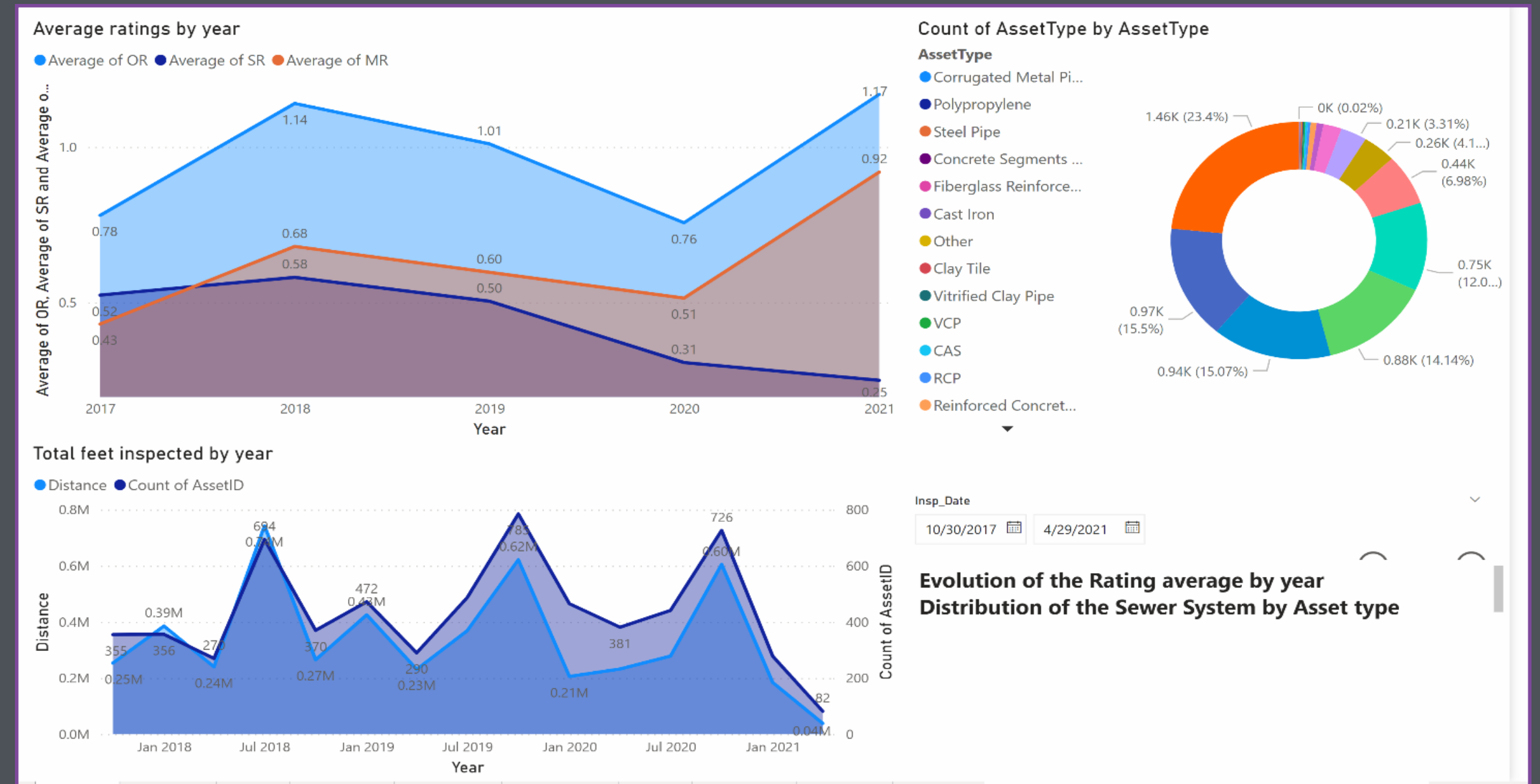
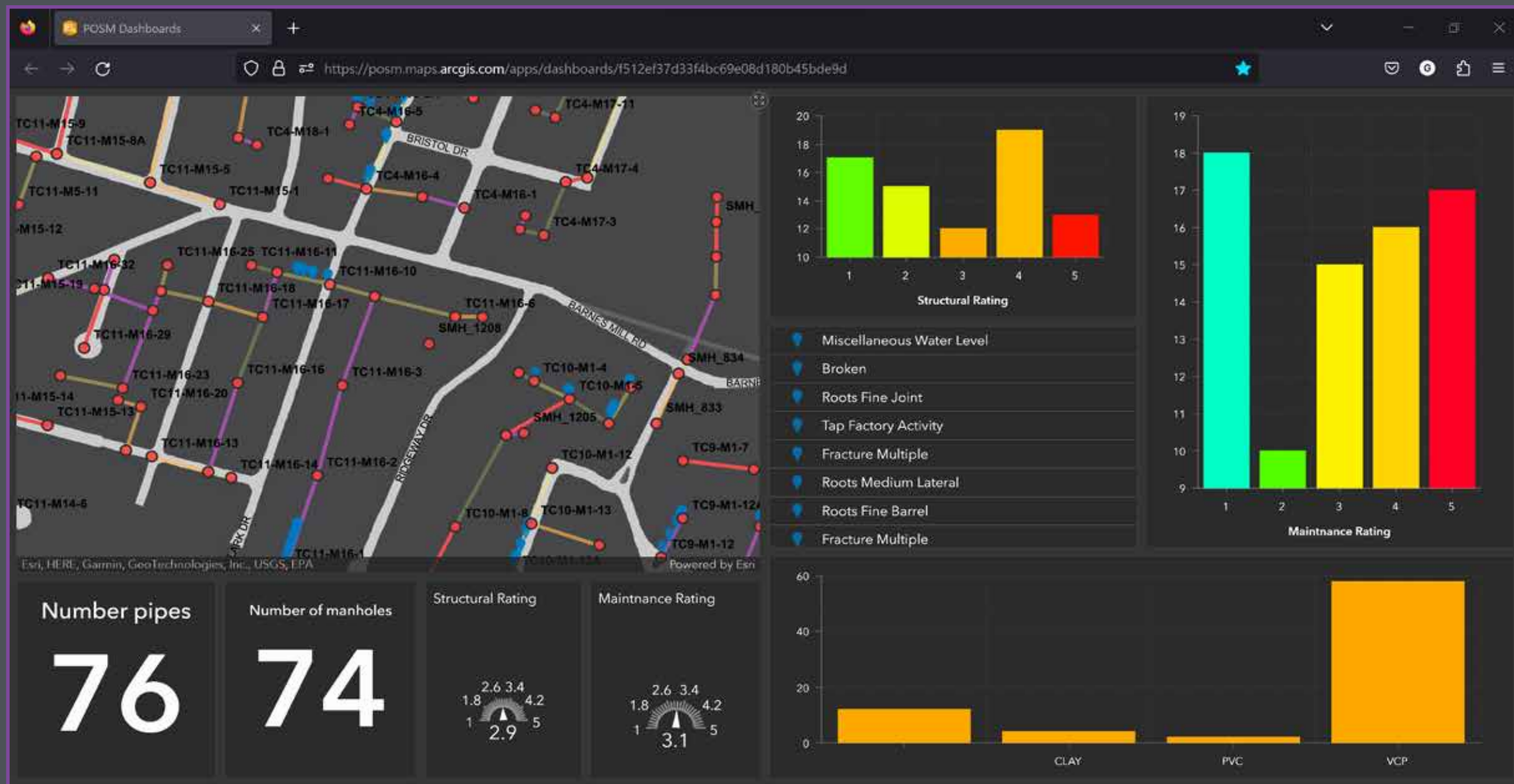


- **Centralized Platform to Store, Share, and Manage CCTV Data and Media**
- **Two-Way GIS Exchange with ESRI, ArcGIS Pro, Enterprise, and QGIS**
- **Four Core Components:** SQL Server, File Server, Web Server, and Network Connection
- **SQL Server Database** – Centralized Storage for Unlimited Clients
- **File Server** – Secure Network Storage for all Inspection Media
- **Backup Tool** – One-Click, Incremental Backups to POSM Server
- **Server Clients** – Access, Edit, and Review Inspections Over the Network
- **GIS Integration** – Near Real-Time Syncing with ESRI Platforms





ESRI and PowerBi Dashboards



- **Monitor in Real Time** – Track Inspection Progress, Faults, and Costs
- **Make Data-Driven Decisions** – Prioritize Maintenance and Budgets
- **Visualize Results** – Geospatial, Color-Coded Pipeline Insights
- **Automate Reporting & Alerts** – Streamline Compliance and Response
- **Integrate & Access Anywhere** – Connect to Asset Systems with Role-Based, Multi-Device Access





VIEW AND EDIT INSPECTION DATA THROUGH YOUR WEB BROWSER

Session Management

Search Includes:

Edit Headers Edit Observations Open Reports Reset Filters

	1. Sessi...	1. Project Name	1. Asset ID	1. Start ID	1. End ID	Date	1. Asset SL...	1. Asset Type	1. Direction	1. Location	1. Complete	
☐	52	Cartegraph	502	2	3	12/17/2024 3:50 PM	8	Vitrified Clay Pipe	Downstream	2nd	✓	
☐	51		506	1	2	12/17/2024 3:30 PM	8	Vitrified Clay Pipe	Downstream	Maple St	✓	
☐	38	POSM Demo	A5_A4	A5	A4	12/20/2023 3:41 PM	8	Polyvinyl Chloride	Downstream	Unknown	✗	
☐	37	POSM Demo	A6_A5	A6	A5	12/20/2023 2:56 PM	8	Polyvinyl Chloride	Upstream	Unknown	✗	
☐	36	POSM Demo	A6_A4	A6	A5	12/20/2023 2:01 PM	8	Polyvinyl Chloride	Upstream	Unknown	✗	
☐	35	POSM Demo	506	A7	A6	12/20/2023 12:51 PM	8	Polyvinyl Chloride	Downstream	Unknown	✗	
☐	34	POSM Demo	A8_A7	A8	A7	12/20/2023 11:49 AM	8	Polyvinyl Chloride	Downstream	Unknown	✗	
☐	33	POSM Demo	506	A9	A8	12/20/2023 10:27 AM	8	Polyvinyl Chloride	Downstream	Unknown	✓	
☐	48	POSM Demo	670	MH 3	MH 4	12/19/2023 9:27 AM	24	Polyethylene	Upstream	Levee rd	✗	
☐	47	POSM Demo		MH 2	MH 3	12/19/2023 8:32 AM	24	Polyethylene	Downstream	Levee rd	✓	
☐	46	POSM Demo		MH 1	MH 2	12/19/2023 7:28 AM	24	Polyethylene	Upstream	Levee rd	✓	
☐	43	TC7	505	TC7-M3-8	TC7-M4-7A	7/15/2010 8:19 AM	8	Polyvinyl Chloride	Downstream	LOMBARDY ST	✗	
☐	42	TC4	670	TC4-M6-5	TC4-M6-9	3/05/2009 8:45 AM	8	Polyvinyl Chloride	Downstream	LEXINGTON RD	✗	
☐	41	TC4	505	TC4-M6-4	TC4-M6-5	2/19/2009 10:05 AM	8	Polyvinyl Chloride	Downstream	LEXINGTON RD	✗	
☐	44	TC15	670	TC15-M6-14	TC15-M6-15	5/06/2008 10:50 AM	8	Polyvinyl Chloride	Downstream	S PORTER DR	✗	
☐	45	TC7	670	TC7-M3-8	TC7-M4-7A	9/19/2006 2:46 PM	8	Polyvinyl Chloride	Upstream	LOMBARDY ST	✗	

1 of 1 pages (28 items)

NASSCO PACP POSM: : 07-19-2021 12:40 PM Complete

Video

POSM_A9_A8_D_20210719_124212.mp4

Distance 1. Code 1. Continuous 1. Structural 1.

0 AMH 0

0 MWL 0

64.3 MWLS S01 2

Severe-5

Heavy-4

Average-3

Moderate-2

Light-1

(0) - AMH

(0) - MWL

(64.3) - MWLS

(73.8) - MWLS

(73.8) - MWL

Session Search

Not Set Not Set Not Set Not Set Not Set

Template: NASSCO PACP Project Name: Start ID: End ID: Location: Date Range: 1/1/2025 - 11/3/2025 Asset ID: Direction: Downstream

Advanced Search

AND OR Broken / Holes / Collapse >= Greater Than or Equal 1

Project: POSM Demo

City: Portland TN	Date: 12/20/2023
Asset Size: 8	Asset Shape: Circular
Direction: Downstream	Length Surveyed: 129.6
PacpQuickStructRating:	PacpQuickMaintRating:
Operator: Gene Clifford Katter	

Distance	Fault Observation	Time	Picture
0	Access Point Manhole Severity: 0 Remarks: A5	00:00:25	
0	Miscellaneous Water Level Severity: 0 Percent: 0	00:00:34	
31.3	Tap Factory Severity: 0 Size: 6 Position: 9	00:05:11	

- Access & Edit Inspections Directly from Any Web Browser
- Built on POSM Server with Reprogrammed Browser-Based Tools
- Flexible Deployment: Local IIS, AWS, Azure, and POSM Web Cloud
- Advanced Session Management with Powerful Search Tools
- Generate Reports: Title, Faults, Plot, Video, and Defect Summaries

Edit Session ID 1 * Required

Template: NASSCO PACP Unique ID: 170151cc22415de2353aec0344a0c912 Quick Fill

Coordinates

Project Information Manhole Pipe Misc Custom Project Insp Tech Used Inspection Count Groups Scores NASSCO Ratings

Upstream MH: A9 Rim to Invert (U): Rim to Invert (D): Grade to Invert (U): Rim to Grade (D): Rim to Grade (U): Pipe Use: SS - Sanitary Sewage Pipe Downstream MH: A8 Direction of Survey: D - Downstream



SYNCHRONIZE ALL DATA TO POSM WEB



POSM Data Sync Tool

File

Unsynced Sessions (192)

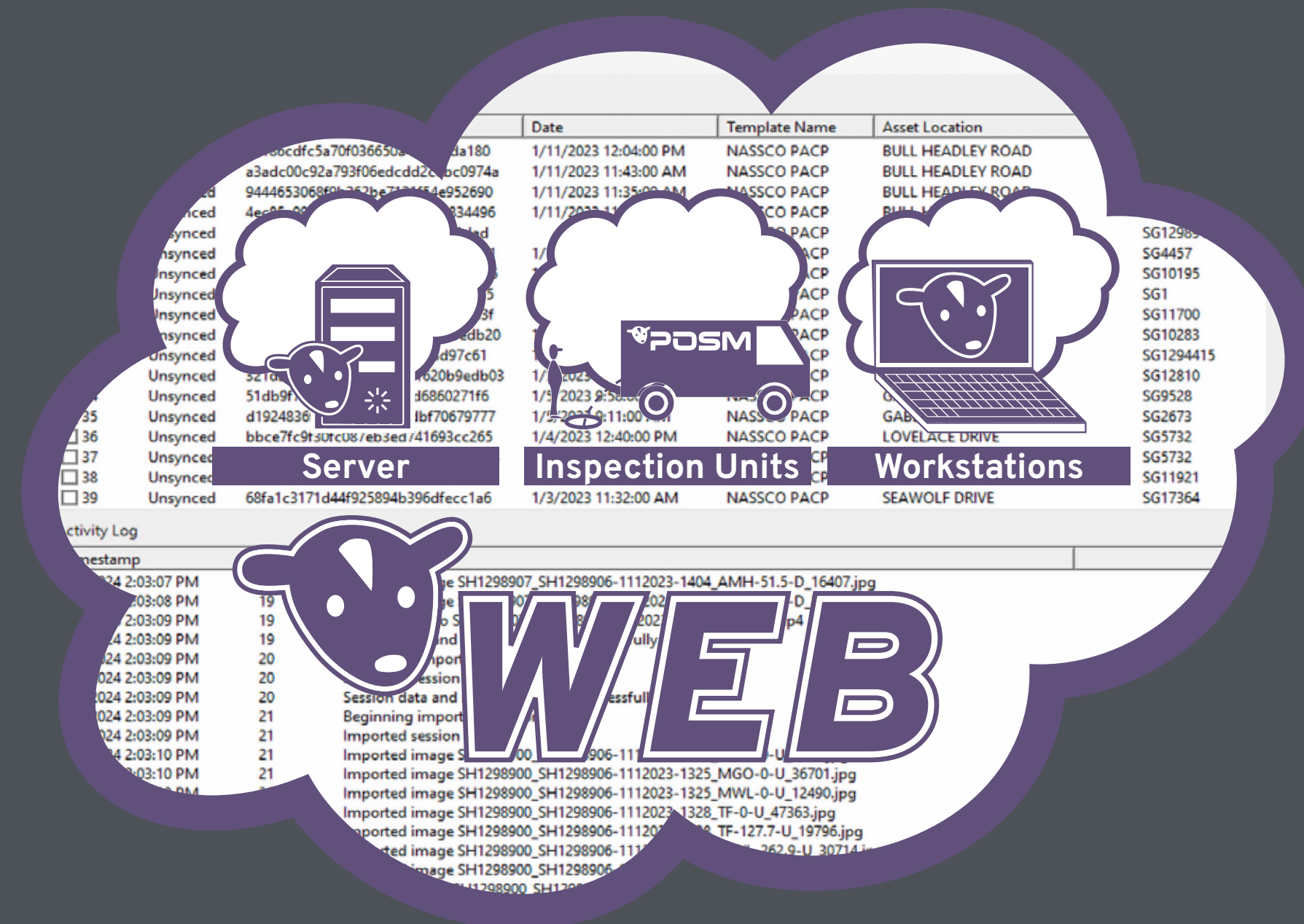
Select All

Import

Session ID	Status	Posm Unique	Date	Template Name	Asset Location	Asset ID
☐ 22	Unsynced	79186cdfc5a70f036650a492f75da180	1/11/2023 12:04:00 PM	NASSCO PACP	BULL HEADLEY ROAD	SG1298913
☐ 23	Unsynced	a3adc00c92a793f06edcdd2cebc0974a	1/11/2023 11:43:00 AM	NASSCO PACP	BULL HEADLEY ROAD	SG1298914
☐ 24	Unsynced	9444653068f9b262be7121f54e952690	1/11/2023 11:35:00 AM	NASSCO PACP	BULL HEADLEY ROAD	SG1298915
☐ 25	Unsynced	4ec85a9997f6cb7729a69b5115834496	1/11/2023 11:27:00 AM	NASSCO PACP	BULL HEADLEY ROAD	SG1298916
☐ 26	Unsynced	7e50ffe98f65abec3fe2ac504001dad		NASSCO PACP	BULL HEADLEY ROAD	SG1298917
☐ 27	Unsynced	c7ce038b41e31449368989dfd3bbe71	1/10/2023 2:24:00 PM	NASSCO PACP	JEFFERSON STREET	SG4457
☐ 28	Unsynced	158816c010162e5da2fb38aceb7b7645	1/10/2023 9:53:00 AM	NASSCO PACP	MACOMB STREET	SG10195
☐ 29	Unsynced	8f8c690c34cc6d21fccdf93eb0a8adb5	1/10/2023 9:36:00 AM	NASSCO PACP	MACOMB STREET	SG1
☐ 30	Unsynced	667753d21b5af992e596c3ed88010a3f	1/9/2023 2:48:00 PM	NASSCO PACP	ESPLANADE WAY	SG11700
☐ 31	Unsynced	7d1e6362c8077f5de73d30d795edb20	1/6/2023 8:38:00 AM	NASSCO PACP	SAINT AUGUSTINE STREET	SG10283
☐ 32	Unsynced	142f3f4201ed943d5ff0e7bf53d97c61	1/6/2023 8:11:00 AM	NASSCO PACP	SAINT AUGUSTINE STREET	SG1294415
☐ 33	Unsynced	321d2c7d4a507e9517b8b1620b9edb03	1/5/2023 12:08:00 PM	NASSCO PACP	KING SOLOMON DRIVE	SG12810
☐ 34	Unsynced	51db9f7f62792064f4249ed6860271f6	1/5/2023 9:58:00 AM	NASSCO PACP	GABLES COURT	SG9528
☐ 35	Unsynced	d1924836f21a26bdf7b47dbf70679777	1/5/2023 9:11:00 AM	NASSCO PACP	GABLES COURT	SG2673
☐ 36	Unsynced	bbce7fc9f30c087eb3ed741693cc265	1/4/2023 12:40:00 PM	NASSCO PACP	LOVELACE DRIVE	SG5732
☐ 37	Unsynced	432b2009a754fbd0e9c4307bb6783164	1/4/2023 8:15:00 AM	NASSCO PACP	LOVELACE DRIVE	SG5732
☐ 38	Unsynced	5c6d181b32edb09f60e34cf39e73e2ae	1/3/2023 12:28:00 PM	NASSCO PACP	SEAWOLF DRIVE	SG11921
☐ 39	Unsynced	68fa1c3171d44f925894b396dfec1a6	1/3/2023 11:32:00 AM	NASSCO PACP	SEAWOLF DRIVE	SG17364

Activity Log

Timestamp	Session ID	Message
1/8/2024 2:03:07 PM	19	Imported image SH1298907_SH1298906-1112023-1404_AMH-51.5-D_16407.jpg
1/8/2024 2:03:08 PM	19	Imported image SH1298907_SH1298906-1112023-1404_MWL-51.5-D_21421.jpg
1/8/2024 2:03:09 PM	19	Imported video SH1298907_SH1298906-1112023-1402_D_41697.mp4
1/8/2024 2:03:09 PM	19	Session data and media imported successfully.
1/8/2024 2:03:09 PM	20	Beginning import for session
1/8/2024 2:03:09 PM	20	Imported session data
1/8/2024 2:03:09 PM	20	Session data and media imported successfully.
1/8/2024 2:03:09 PM	21	Beginning import for session
1/8/2024 2:03:09 PM	21	Imported session data
1/8/2024 2:03:10 PM	21	Imported image SH1298900_SH1298906-1112023-1325_AMH-0-U_4965.jpg
1/8/2024 2:03:10 PM	21	Imported image SH1298900_SH1298906-1112023-1325_MGO-0-U_36701.jpg
1/8/2024 2:03:10 PM	21	Imported image SH1298900_SH1298906-1112023-1325_MWL-0-U_12490.jpg
1/8/2024 2:03:10 PM	21	Imported image SH1298900_SH1298906-1112023-1328_TF-0-U_47363.jpg
1/8/2024 2:03:11 PM	21	Imported image SH1298900_SH1298906-1112023-1328_TF-127.7-U_19796.jpg
1/8/2024 2:03:11 PM	21	Imported image SH1298900_SH1298906-1112023-1332_MWL-262.9-U_30714.jpg
1/8/2024 2:03:12 PM	21	Imported image SH1298900_SH1298906-1112023-1333_AMH-262.9-U_46613.jpg
1/8/2024 2:03:15 PM	21	Imported video SH1298900_SH1298906-1112023-1324_U_29286.mp4
1/8/2024 2:03:15 PM	21	Session data and media imported successfully.



- Streamlined Backup Tool for Inspections, Videos, and Metadata
- Secure Cloud Storage via Amazon EC2 and S3
- Efficient Data Transfer using the POSM Web API
- Flexible Deployment on Local IIS, AWS, or Azure
- Simplified Access & Management through POSM Web Cloud



CONNECT, MANAGE, AND SHARE SEWER INSPECTION DATA IN THE CLOUD

Create New Account

X

• Required

First Name *

Last Name *

Email Address *

Phone Number

Password *

Confirm Password *

Save

Cancel

Storage

2.4TB / 3.6TB used (67%)

Share Export Transfer Archive

All Sessions Owned Shared

Search Includes: Project View Session View

	Project Name	Session ID	Date	Size	Asset ID	Template
☐	▼ Project A Owned Shared					
☐		2380	07/07/2025 2:00 PM	108.5 GB	SC6-MP-20	NASSCO PACP
☐		2381	07/08/2025 4:00 PM	120 GB	SC7-MB-23	NASSCO PACP
☐		2381	07/09/2025 5:00 PM	101.5 GB	SC3-M2-15	NASSCO PACP
☐		2383	07/11/2025 2:30 PM	198.8 GB	SC4-M4-24	NASSCO PACP
☐	▲ Project B Owned					
☐	▲ Project C					

Share Project A

X

Recipient Email

Add

☐ Download Only

☐ View Only (Account Required)

☐ Full Access (Account Required)

(Sharing 5 sessions in Project A)

Share

Cancel



- Next-Generation, Cloud-Based Replacement for POSM Server
- Centralizes Inspection Data, GIS Integration, and Collaboration
- Unifies Storage, Viewing, Editing, and Sharing of Projects in One Platform
- Enables Contractors, Cities, and Engineers to Work Securely From Anywhere