

RESOLUTION 23-82

A RESOLUTION TO AUTHORIZE THE PURCHASE OF A SEWER CAMERA SYSTEM FROM SANSOM THROUGH SOURCEWELL

WHEREAS, the City of Spring Sewer Collections department desires to purchase a sewer camera system from Sansom Equipment Company as a Sourcewell vendor of which the City is a member; and

WHEREAS, the sewer camera system will be utilized to complete Inflow and Infiltration research along with routine maintenance throughout the sewer system; and

WHEREAS, the camera system will be operated by current staff; and

WHEREAS, the total cost of \$243,780.00 was budgeted in FY 2023 budget; and

WHEREAS, funding for the purchase of the sewer camera system will be expensed in the 2022-2023 budget year from 410-52220-59817.

NOW, THEREFORE, BE IT RESOLVED, that the City of Spring Hill Board of Mayor and Aldermen authorizes the purchase of the Sewer Camera System at a total cost of \$243,780.00 from Sansom Equipment Company.

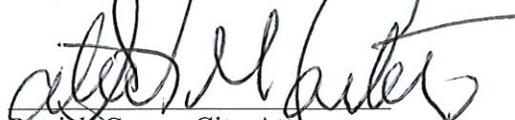
Passed and adopted by the Board of Mayor and Aldermen of the City of Spring Hill, Tennessee, on the 15th day of May, 2023.


Jim Hagaman, Mayor

ATTEST:


April Goad, City Recorder

LEGAL FORM APPROVED:


Patrick Carter, City Attorney



REQUEST: *Approval of Resolution 23-82*
SUBMITTED BY: Jessica Weaver, Utility Director
DATE: May 15th, 2022
RE: To approve purchase of a Sewer Camera System from Sansom through Sourcewell vendor which the City is a member

ATTACHMENTS:

PURPOSE:

To approve Resolution 23-82 to approve purchase of a Sewer Camera System from Sansom through Sourcewell vendor which the City is a member.

BACKGROUND:

The City of Spring Hill Sewer Collections Department has been diligently working towards enhancing and improving our Inflow and Infiltration program. This purchase is for a budgeted sewer camera system including the connectivity to our current GIS program. The existing sewer camera system has regularly failed and is out for repairs multiple days a month which significantly reduces staff's ability to perform sewer inspections. It also does not have the capabilities to integrate into our GIS mapping system. With the growth of the city, it is becoming increasingly difficult to complete necessary routine maintenance with the current system. The replacement cost includes cloud storage that can also be shared with our engineers without exposing our city servers. The purchase of this equipment will provide for much more effective use of city staff time and resources.

FINANCIAL IMPACT:

This will be funded from FY 2023 budgeted funds at a cost of \$243,780.00 from Sansom through Sourcewell which the City is a member.

STAFF RECOMMENDATION:

Staff recommends approval of Resolution 23-82 to approve purchase of the Sewer Camera System with GIS integration and cloud storage at a total cost of \$243,780.00.



QUOTE

QUOTE # SECQ6044
 DATE May 2, 2023
 CONTRACT CUSTOMER ID # 37473
 CONTRACT # 120721-EVS

To: Michael Stephens
 City of Spring Hill
 199 Town Center Parkway
 Spring Hill, TN 37174
 United States

Sales Contact: Luke Vihon
 615-906-8884
 luke@secequip.com

Phone: (931) 486-1265
 Mstephens@springhilltn.org

QUOTE STATUS	SHIPPING TERMS	DELIVERY IN DAYS	PAYMENT TERMS
Sourcewell (NJPA)	Customer Location		Net Delivery

QTY	DESCRIPTION
1	RX/RXSAT Combo System
4	Large Aggressive Wheel QC
4	Medium Aggressive Wheel QC
4	XL Rubber Wheel QC
2	Tyger Tail 2" for manhole bottom cable RVX
2	Upgrade to Spare Timing Belts 16T5/255-RP430
1	Upgrade to Manhole Protection Ring
1	Upgrade to Shop Labor
1	WinCan VX Expert License
1	Laptop Computer with Docking Station
1	Upgrade to USB Capture Card
1	WinCan Web Flex Annual 500GB
1	ANNUAL Expert Enterprise Infinity Support Plan
1	Two Day On-Site Installation and Training
1	Sourcewell Discount

QTY	DESCRIPTION
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1	Freight
1	Current Annual Wincan Web Cloud Pricing (Not included in total) 500GB \$2500, 1TB \$4200, 3TB \$5880, 5TB \$7080, 10TB \$10,080. Annual Support Plan Renewal \$2500.

This quote does not include any federal, state, or local taxes.
* In stock equipment are subject to prior sale. *

TOTAL \$241,280.00

This Quote is valid for 30 Days.

Please contact me if I can be of further assistance.

BIRMINGHAM OFFICE

2800 Powell Avenue
Birmingham, AL 35233
Ph: (205) 324-3104
Fax: (205) 324-2679

MOBILE OFFICE

2025 West I-65 Service Road North
Mobile, AL 36618
Ph: (251) 631-3766
Fax: (251) 631-3768



SHELBYVILLE OFFICE

3196 Highway 231 North
Shelbyville, TN 37160
Ph: (615) 696-7066
Fax: (615) 413-5323

STONECREST OFFICE

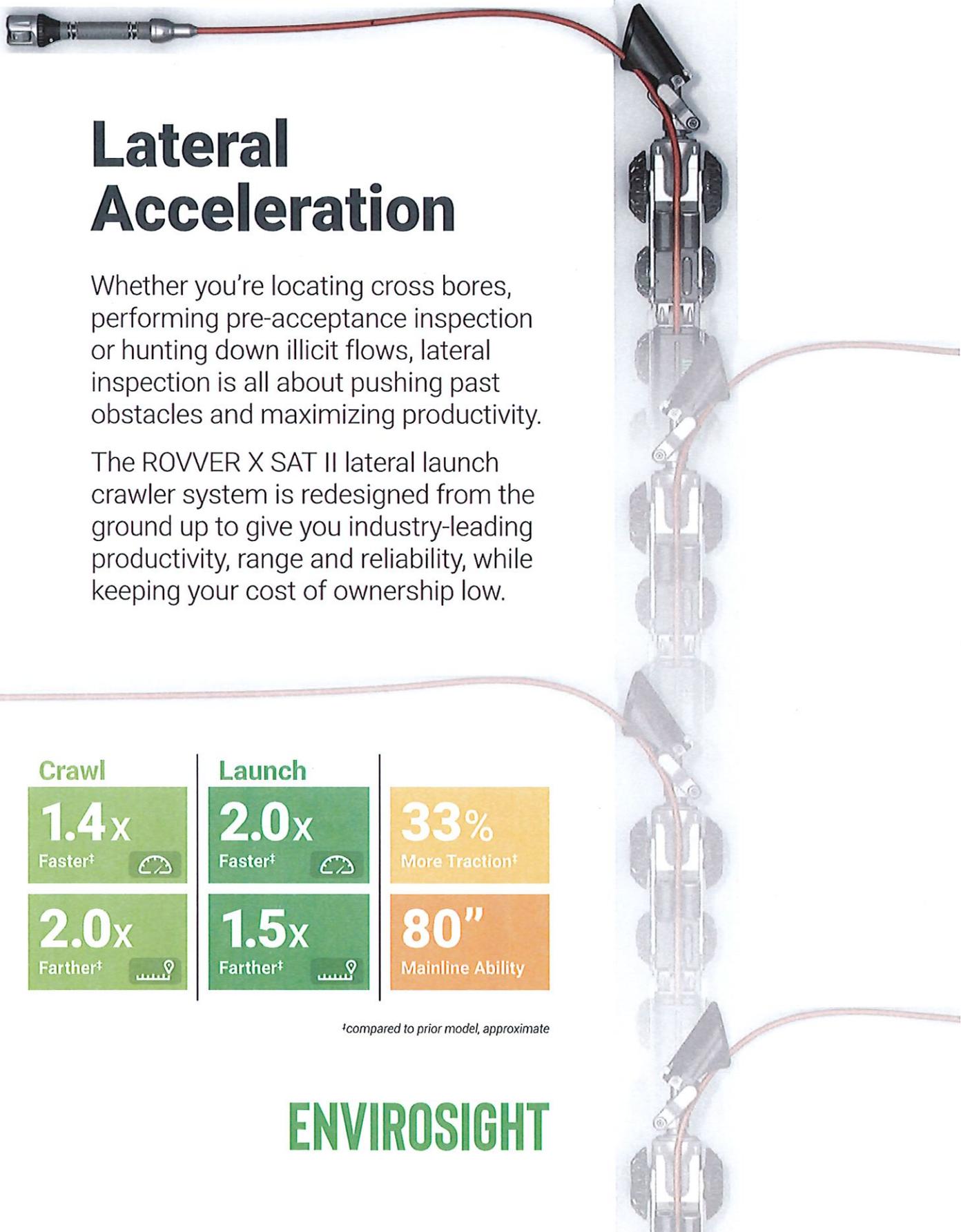
2601 South Stone Mountain Lithonia Road
Stonecrest, Georgia 30058
Ph: (706) 685-6900
Fax: (706) 609-3491



ROVVER X
SAT 
Lateral Launch



ENVIROSIGHT



Lateral Acceleration

Whether you're locating cross bores, performing pre-acceptance inspection or hunting down illicit flows, lateral inspection is all about pushing past obstacles and maximizing productivity.

The ROVER X SAT II lateral launch crawler system is redesigned from the ground up to give you industry-leading productivity, range and reliability, while keeping your cost of ownership low.

Crawl

1.4x

Faster†



2.0x

Farther†



Launch

2.0x

Faster†



1.5x

Farther†



33%

More Traction†

80"

Mainline Ability

†compared to prior model, approximate

ENVIROSIGHT

Launch with Confidence.

Fed, Not Shredded

Our new, patent-pending belt drive maximizes your uptime by gently yet powerfully feeding the push rod up for a 127" up lateral. It won't shred your push rod with abrasive wheels—and the mechanism is designed for easy cleaning and tool-less belt changes in the field.

20/20 Hindsight

Positioned above flow, a color back-up camera with LED illumination helps you manage cable during reverse travel.

Pivotal Flexibility

A hinged mid-section lets you deploy through vertical accesses as narrow as 12.5" diameter, and locks rigid when not needed.

Wheels, Reinvented

With quick-change wheels, you can easily reconfigure for different pipe materials and sizes—no tools required.

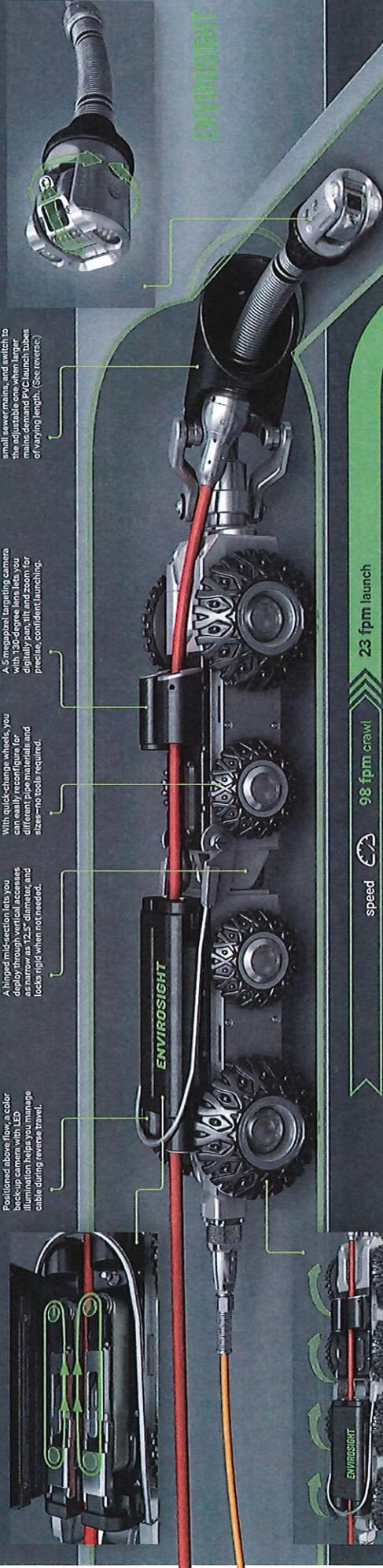
All Within Reach

Use the standard launch tube in small sewer mains, and switch to the adjustable one when larger main demand PVC launch tubes of varying length. (See reverse.)

Pan, Tilt ... Vroom

Use the ROVER X SAT's pan/tilt launch camera to get a closer look at steeply angled pipe. A wide-angle stereo probe extends up to 23 fpm. An add-on camera is also available for lateral diameters as small as 2" diameter.

ENVIROSIGHT



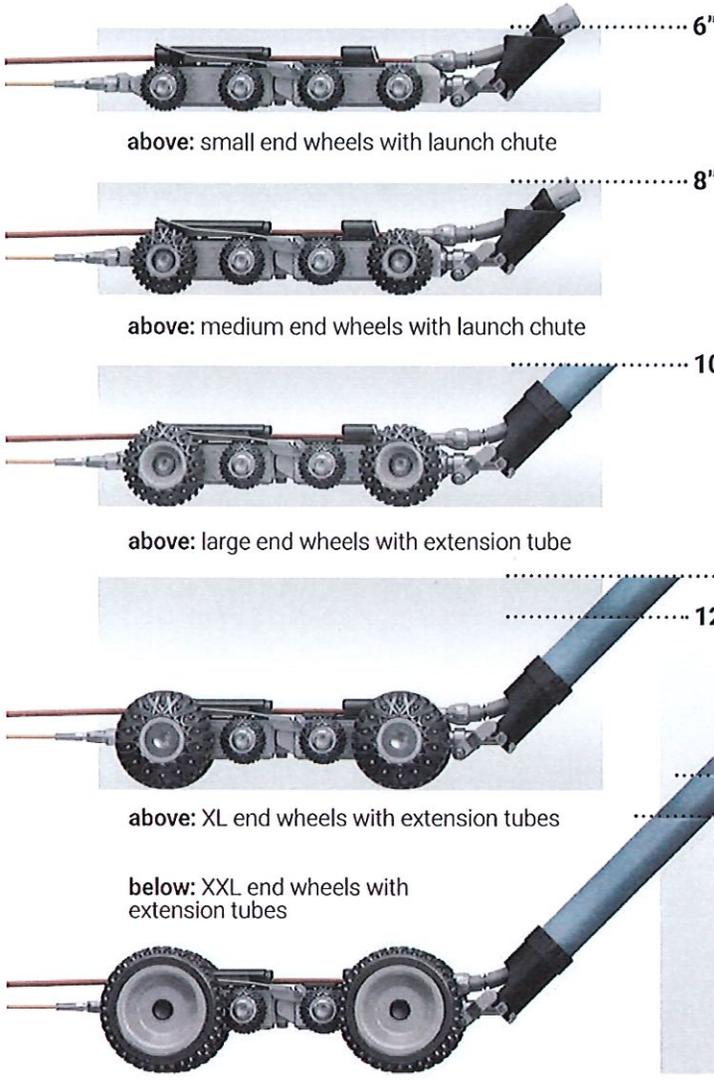
speed 98 fpm crawl 23 fpm launch

distance 984' crawl 147' launch

ROVER X
SAT Lateral Launch

Otraction™
A steerable bog drive train—you won't find it on any other sewer crawler. Otraction™ gives ROVER X SAT™ the unique ability to maneuver past offsets, obstacles and sudge, achieving a 984' crawl range.





above: small end wheels with launch chute

above: medium end wheels with launch chute

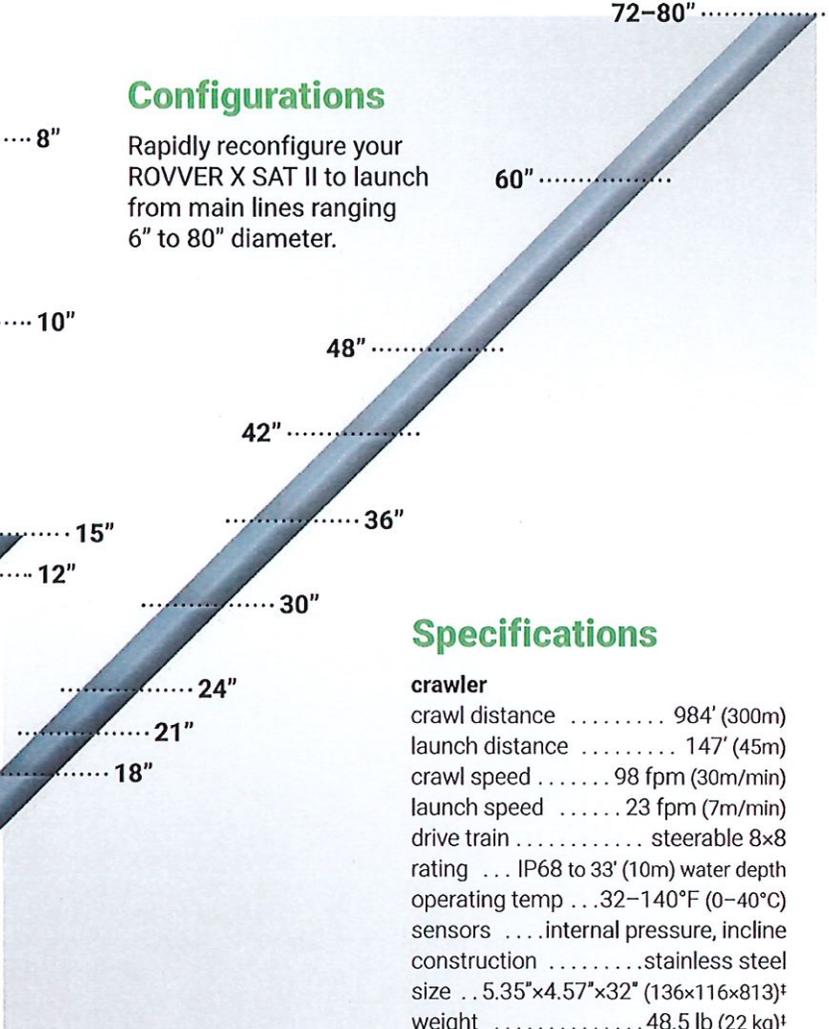
above: large end wheels with extension tube

above: XL end wheels with extension tubes

below: XXL end wheels with extension tubes

Configurations

Rapidly reconfigure your ROVER X SAT II to launch from main lines ranging 6" to 80" diameter.



Specifications

crawler
 crawl distance 984' (300m)
 launch distance 147' (45m)
 crawl speed 98 fpm (30m/min)
 launch speed 23 fpm (7m/min)
 drive train steerable 8x8
 rating . . . IP68 to 33' (10m) water depth
 operating temp . . . 32–140°F (0–40°C)
 sensors . . . internal pressure, incline
 construction stainless steel
 size . . . 5.35"×4.57"×32" (136×116×813)[†]
 weight 48.5 lb (22 kg)[†]

pan/tilt launch camera (detachable)
 line sizes . . . 2½–12" dia. (DN60–300)
 resolution standard
 pan, tilt 360, +120/-30 deg
 sonde on/off 512/640/33k Hz
 lamps shadowless LED

axial launch camera (detachable)
 line sizes 2–12" dia. (DN75–300)
 resolution standard
 sonde on/off 512/640/33k Hz
 lamps shadowless LED

targeting camera (integral)
 total field of view 130 deg
 resolution5 megapixel
 pan/tilt/zoom digital
 illumination LED

reverse camera (integral)
 resolution standard
 illumination LED

[†]without wheels and launch chute

Operator Controls

The ROVER X SAT II desktop command center puts every function at your fingertips, so you can inspect with maximum productivity—all from the comfort of your truck's control studio.

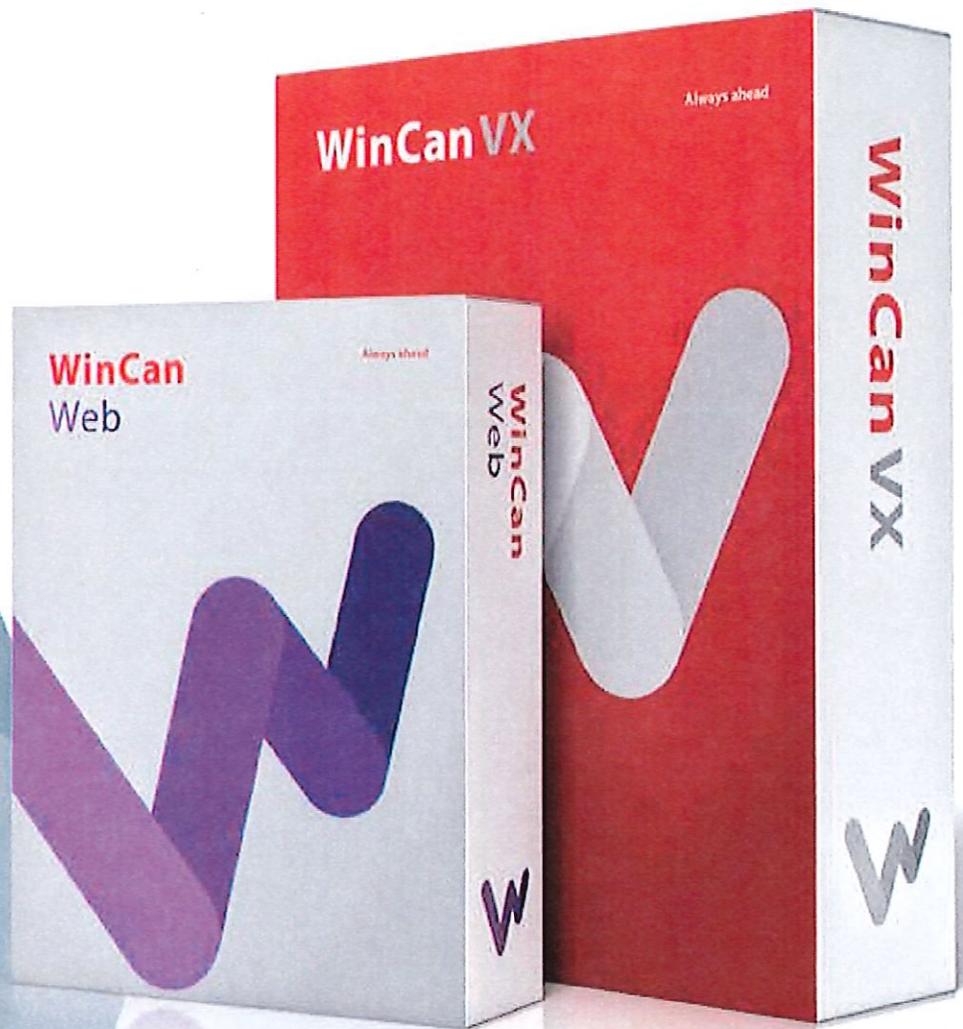


ENVIROSIGHT

(866) 936-8476 • www.envirosight.com



WinCan



real-time
insight

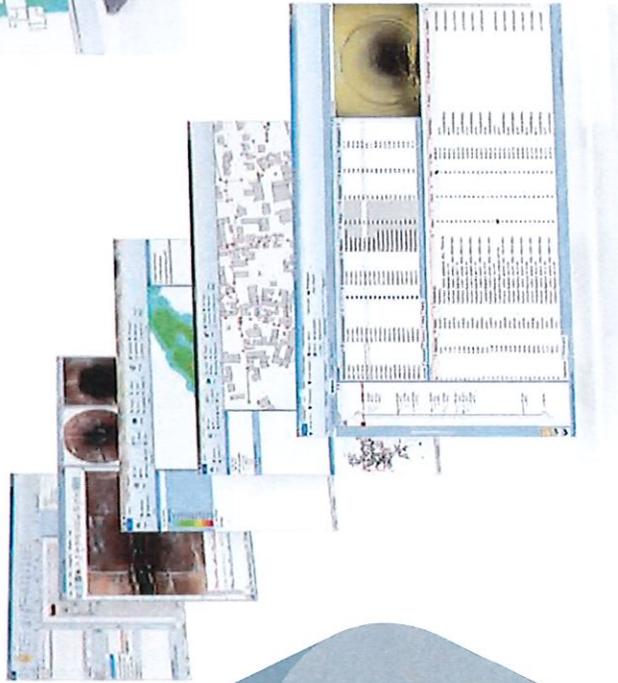
for buried pipeline infrastructure



Gain real-time insight with WinCan VX.

Pipe inspection data—it's only as valuable as the insight it gives you, and WinCan VX revolutionizes how you make decisions based on the rich data today's inspection technologies capture. Imagine a single, integrated application giving you the power to manage your resources and assets in real time.

Turn data into decisions ...



comply

Gather and maintain standards-compliant data for analysis, reporting and export. WinCan supports more than 50 defect catalogs (including PACP/IMACP and WRC), and can validate all inbound/outbound data.

analyze

Run sophisticated queries on any combination of criteria to understand specific maintenance needs. WinCan VX delivers results in detailed reports, on a map, or as raw exported data.

share

Publish completed inspections securely to the cloud, where clients can view them instantly using a web browser. Inspections can also be distributed using a free viewer version of WinCan VX.

report

Design elegant, information-rich reports from the ground up using raw and filtered data, photos, and schematic illustrations—or simply modify a canned template to meet your needs.

integrate

Work with any inspection equipment you prefer, and interface with all major municipal databases and GIS platforms. WinCan VX also supports highly scalable network deployments on Oracle and SQL Server.

decide

Extract the actionable intelligence you need to make critical maintenance decisions. WinCan VX helps you allocate resources based on infrastructure condition, generate budgetary figures according to current and projected needs, anticipate future maintenance, and manage your inspection work flow.

comprehensive

real-time
insight

Synchronize work flow and instantly share results.

Process and teamwork—both are essential for effectively managing your wastewater collection network, from inspection and cleaning to maintenance, rehab and replacement. WinCan Vx implements industry best practices, seamlessly coordinating your personnel and work flows. With inspection results shared instantly via WinCan Web, your decisions are always based on the most complete, current data.

... using Web-synchronized work flows ...

step 1

Developing the next year's fiscal plan, **city council** asks the public works director to prepare a budget for collection system upgrades.



step 2

At the director's request, the **superintendent and engineer** perform a system-wide analysis, using WinCan Analyst to generate a heat map showing sections with condition ratings below 3. WinCan warns inspections for six sections are past due.



step 3

To update these inspections, the engineer's **GIS specialist** selects the corresponding sections in WinCan Map and collects them into a project, which is forwarded to the city's inspection contractor.

step 4

The **contractor** views the project on WinCan Web, and then visualizes the data in Google Maps to plan crew assignments.

step 5

The **crews** import their assigned sections, which are pre-populated with header data and GIS coordinates. They perform the inspections, capturing standards-compliant data with help from WinCan's intuitive code hinting, image measurement capabilities, and customizable interface.



step 6

The contractor effortlessly merges the work of his crews back into a single project and updates WinCan Web, all with no intervention from the city's **IT department**.



step 7

Automatically notified of the update, the engineer reviews a new heat map, and then fine-tunes the selection of assets by running a custom filter to account for asset age, material composition, and number of rate-payers served.

step 8

The supervisor reviews the proposed upgrades, then uses WinCan Evaluator to assign budgetary costs to each based on prevailing rates.



step 9

The public works director emails the council a budgetary estimate, with graphical reports and maps to substantiate it, plus a link to WinCan Map so council members can drill down to specific problems—all in time for the evening council meeting.

collaborative

real-time
insight

Scale to meet any challenge.

WinCan VX lets you invest in the functionality you require today, and then add bandwidth and capabilities as future needs arise. Value bundles make essential functionality affordable even for the smallest municipality, with the assurance that down the road you can expand into enterprise databases, GIS, cloud storage, and scanning; coordinate multiple crews, projects and clients; and manage tens of thousands of assets in a network database environment. Growing organizations demand versatility, and WinCan VX scales to meet your future.

... with the
most versatile
platform ...

value bundles

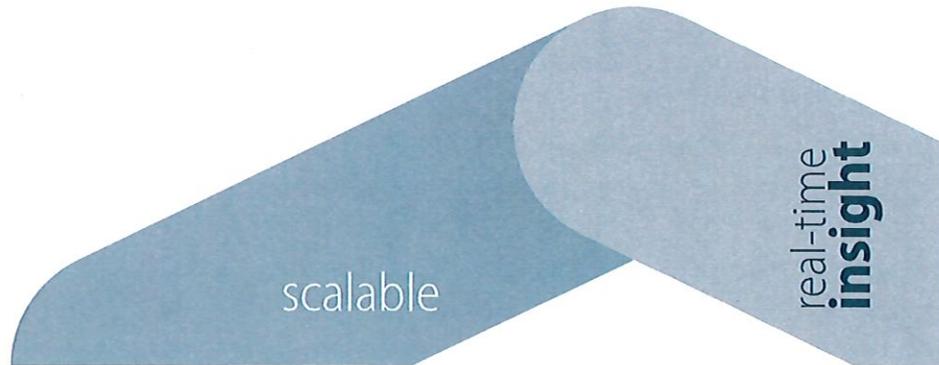
These popular combinations of core functionality and add-on modules offer savings over individually purchased components.

modules

These extensions to the core application let you add specific capabilities as needs arise.

subscriptions

With a subscription, you can license WinCan for a flat annual fee while gaining access to cloud storage, support, training and every software update.



key features

- configurable: WinCan can be configured to meet the needs of a wide range of applications
- flexible: WinCan can be configured to meet the needs of a wide range of applications
- robust: WinCan can be configured to meet the needs of a wide range of applications
- scalable: WinCan can be configured to meet the needs of a wide range of applications
- secure: WinCan can be configured to meet the needs of a wide range of applications
- reliable: WinCan can be configured to meet the needs of a wide range of applications
- easy to use: WinCan can be configured to meet the needs of a wide range of applications
- fast: WinCan can be configured to meet the needs of a wide range of applications
- accurate: WinCan can be configured to meet the needs of a wide range of applications
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modules

- data transfer**: WinCan can be configured to meet the needs of a wide range of applications
- report generator**: WinCan can be configured to meet the needs of a wide range of applications
- validator**: WinCan can be configured to meet the needs of a wide range of applications
- WinCan Web**: WinCan can be configured to meet the needs of a wide range of applications
- deliverables**: WinCan can be configured to meet the needs of a wide range of applications
- Impact/Report**: WinCan can be configured to meet the needs of a wide range of applications
- test coverage**: WinCan can be configured to meet the needs of a wide range of applications
- hardware**: WinCan can be configured to meet the needs of a wide range of applications
- presentation**: WinCan can be configured to meet the needs of a wide range of applications
- 3D**: WinCan can be configured to meet the needs of a wide range of applications
- AGORS**: WinCan can be configured to meet the needs of a wide range of applications

test coverage

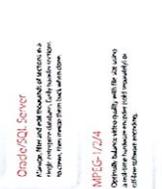
- ring loader**: WinCan can be configured to meet the needs of a wide range of applications
- point layer**: WinCan can be configured to meet the needs of a wide range of applications
- validation**: WinCan can be configured to meet the needs of a wide range of applications
- hardware**: WinCan can be configured to meet the needs of a wide range of applications
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hardware

- validation**: WinCan can be configured to meet the needs of a wide range of applications
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- presentation**: WinCan can be configured to meet the needs of a wide range of applications
- 3D**: WinCan can be configured to meet the needs of a wide range of applications
- AGORS**: WinCan can be configured to meet the needs of a wide range of applications

presentation

- validation**: WinCan can be configured to meet the needs of a wide range of applications
- hardware**: WinCan can be configured to meet the needs of a wide range of applications
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maintenance

- Evaluator**: WinCan can be configured to meet the needs of a wide range of applications
- PicClean**: WinCan can be configured to meet the needs of a wide range of applications

STRUCTURES

- labor launch**: WinCan can be configured to meet the needs of a wide range of applications
- PeToch**: WinCan can be configured to meet the needs of a wide range of applications
- mainline**: WinCan can be configured to meet the needs of a wide range of applications

task automation

- task automation**: WinCan can be configured to meet the needs of a wide range of applications
- data transfer**: WinCan can be configured to meet the needs of a wide range of applications
- dbto**: WinCan can be configured to meet the needs of a wide range of applications

Measurement

- Measurement**: WinCan can be configured to meet the needs of a wide range of applications
- PhotoScan**: WinCan can be configured to meet the needs of a wide range of applications

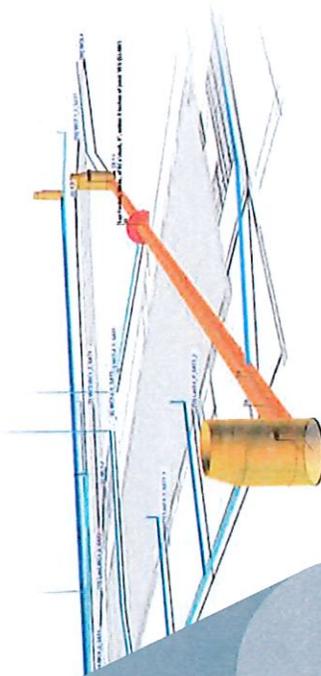
AGORS

- AGORS**: WinCan can be configured to meet the needs of a wide range of applications

Harness the latest advancements.

More than ever, technology is bringing new productivity and detail to the way we inspect pipe. Supported by the market's largest customer base, WinCan invests heavily in the R&D necessary to deliver innovation ahead of the competition. So whether it's new ways to inspect, new analytical tools, or new support for downstream processes like cleaning and rehab, you can count on WinCan VX to lead the market.

... driven
by constant
innovation ...



3D

WinCan VX's 3D visualization technology lets you build a virtual model of your infrastructure based on measurements gathered during inspection. Such models help you visualize your collection system, verify the accuracy of other records, and plan sub-surface work such as excavation and directional drilling. An operator can mouse over a section on the 3D view to get complete inspection data, or establish bidirectional links with any GIS system (including the WinCan Map module).



scan

With four-synchronized views, the ScanExplorer module makes it easy to navigate and analyze data captured from side-scan and laser inspections. Intuitive tools let you measure features, track inclination, auto-detect taps and joints, enter standards-compliant observations, and correlate visible defects with structural flaws. ScanExplorer works with all major side-scan and laser brands.

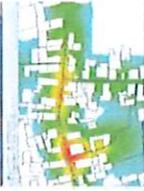
GIS progress tracking



Google Maps integration



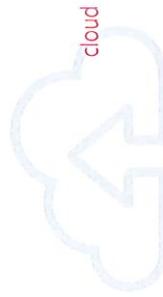
heat map generation



GIS

WinCan VX's full-featured GIS implementation makes it easier than ever to manage infrastructure data using maps as the front end. Simply click and drag on a map to create entire WinCan projects with pre-populated section data. You can also create linked map elements automatically from observations, and reconcile or augment GIS data with more detailed inspection data.

cloud



New WinCan Web keeps your inspection data secure, accessible and current on the cloud. How does this benefit you?

competitiveness

By hosting data remotely on WinCan Web, large firms can offload IT functions in order to lower operating costs, and small contractors can deliver results with the speed and quality previously available only to large firms.

access

Authorized parties can instantly access the most current inspection data using any device with a web browser.

security

Administrators can control precisely who accesses what information. Our secure data center offers the hardware redundancy necessary to protect against data loss.

scalability

Subscribers pay only for the storage they need, and can increase that storage anytime.

work flow

Supervisors can automate how inspection tasks are assigned, and how inspection results are compiled and shared in real time.

innovative

real-time
insight

Revolutionize your insight.

Innovation. It's the reason WinCan is the most trusted brand in wastewater infrastructure software. Commitment to innovation has helped us revolutionize the way you gain insight from inspection data—insight that helps you plan maintenance, improve performance, and achieve compliance.

... from the world
market leader.



Pipeline
Analytics

sales, support & integration

WinCan is distributed by Pipeline Analytics. As the only WinCan-certified software consultancy in the Americas, Pipeline Analytics is uniquely qualified to handle deployment, training and support. We work directly with end users, and also with OEMs to help them deliver integrated hardware/software solutions.



deploy

Seamless implementation is our goal. We coordinate with regional partners to thoroughly address your needs.

train

On-site and online training ensures you're productive out of the gate. Our certified trainers combine class and field training.

support

A support subscription entitles you to every upgrade, plus unlimited support and special new module pricing.

worldwide

real-time
insight

installed base **7500+**. We're the market's most trusted software.

years in business **24**. We created this market in 1990.

languages **50**. No one has broader global reach.

technical staff **35+**. Our talent is unmatched.

standards supported **50+**. We're the authority on inspection standards.



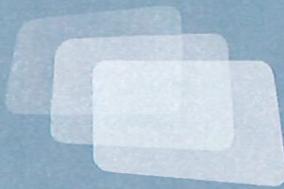
WinCan

development &
administration



WinCan

North & South America
sales, support & integration



Pipeline Analytics

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wincan@pipelineanalytics.com

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