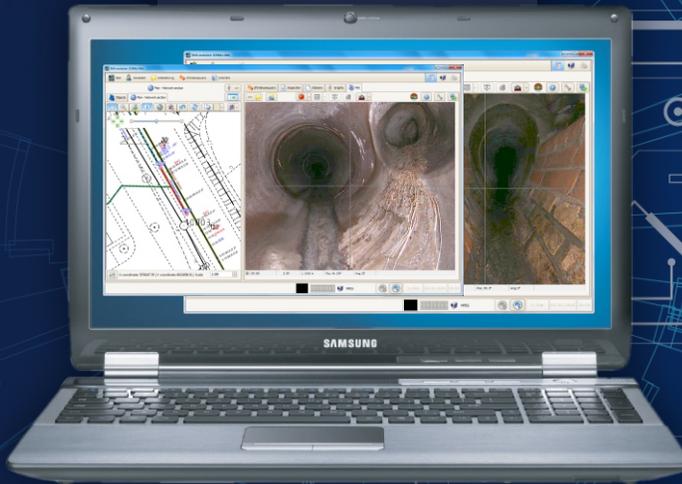


## IKAS evolution



### IKAS<sup>®</sup> Evolution

The IKAS<sup>®</sup> evolution is the newest generation of IBAK's powerful sewer analysis software, now available and supported in North America! Intuitive by design, the inspector is in full control of acquisition and sewer data analysis. PACP, MACP, and LACP data interface capable, IKAS evolution can be adapted to the needs of modern sewer inspection and each individual user's workflow. IKAS evolution is available in four base bundles with over two dozen extension options available for advanced inspections including; Full HD, 3D-GeoSense, Laser Measurement, and LaserScan profile analysis. Contact your RapidView representative to build the software package that meets your needs and budget!

#### PUSH

IKAS Evolution Package for IBAK Push Systems with:

- ▶ MPEG Encoding IBAK MiniLite Systems
- ▶ Data Interface LACP
- ▶ Single Laser Diameter Measurement

#### MOBILE

IKAS Evolution Package for IBAK Mobile Systems with:

- ▶ MPEG Encoding IBAK Mobile Systems (including PANO SI)
- ▶ Data Interface PACP and LACP
- ▶ Single Laser Diameter Measurement

#### VEHICLE

IKAS Evolution Package for IBAK Vehicle Systems with:

- ▶ MPEG Encoding IBAK Vehicle Systems, Full HD, & PANO
- ▶ Data Interface PACP, MACP, and LACP
- ▶ Pointwise Measurements

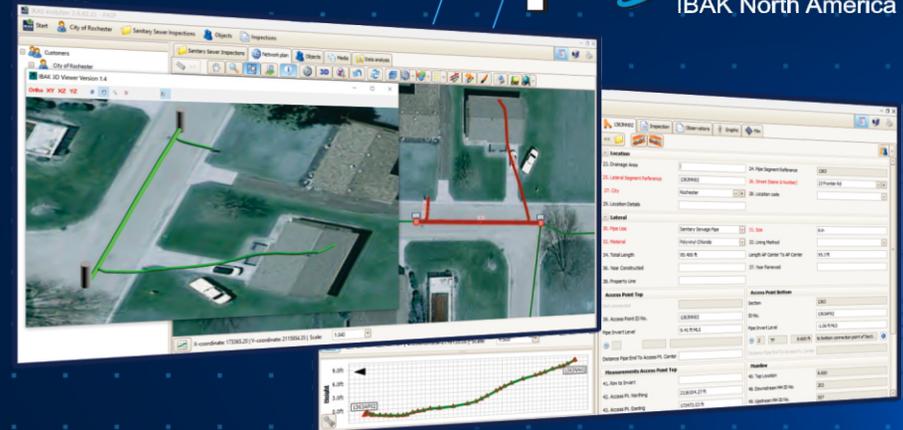
#### OFFICE

IKAS Evolution Package for Office Workstations with:

- ▶ Management of sewer videos and PANORAMO film/photos
- ▶ Data Interface PACP, MACP, and LACP



IKAS EVOLUTION MODULES	PUSH	MOBILE	VEHICLE	OFFICE
Map Viewer	●	●	●	●
Map Editor	●	●	●	●
Map Route Assistant	●	●	●	●
3D GeoSense	●	●	●	●
Defects Measurement		●	●	●
Laser Deformation Measurement		●	●	●
Navigator II		●	●	●
Tilt Measurement		●	●	●
Temperature Measurement		●	●	●
Reference Image Defects Measurement		●	●	●
Job Rule Management	●	●	Included	●
Video Analysis	●	●	●	Included
Continuous Profile Analysis (LaserScan)			●	●
PANORAMO® Analysis Pipeline + SI		●	●	●
PANORAMO® Analysis SI		●	●	●
PANORAMO® SI 3D Measurement		●	●	●
Shape	●	●	●	●
SanPlan				●

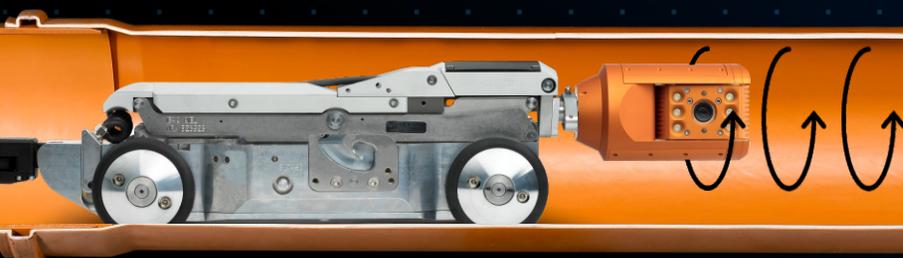


## 3D GeoSense®

Included in all IKAS Evolution bundles is a powerful tool called 3D GeoSense®. The NANO®, ORION®, POLARIS®, and ORPHEUS® 2.0 cameras have the option of installing the 3D GeoSense® sensor upon purchase. The sensor tracks the movement of the camera as it travels through the lateral, capturing distance, position, and depth in three-dimensional space. This opens up new options for acquiring and using positional data for underground utilities.

## LaserScan (Continuous Profile Analysis)

When you pair your ORPHEUS 2 with IKAS Evolution Software, you can detect deformation of the whole pipe in one continuous motion with LaserScan Continuous Profile Analysis. Once you begin your scan, your system will move in reverse while the camera head rotates 300°/second. The camera takes a measurement every 12° rotation. With the profile analysis report completely integrated, identifying ovality, corrosion, reduction of cross-section, and internal geometry is easy.



ORPHEUS 2.0 HD

