



SOLID FX
SONAR/LIDAR PROFILING SYSTEM

ADVANCED MULTI-SENSOR INSPECTION FOR LARGE- DIAMETER PIPELINES

Experience live LiDAR, SONAR, and HD CCTV inspection for pipelines 24" and larger with the CUES SoLID FX (SFX), the industry's most trusted multi-sensor inspection (MSI) system for large-diameter applications.

Whether your goal is 2D condition assessment to determine remaining service life or 3D rehabilitation planning to capture accurate measurements of bends, structures, and defects, SoLID FX delivers the precision and performance you need.



WHY CHOOSE THE CUES SOLID FX?

- ❖ **Integrated Multi-Sensor Technology -**
Combines HD optical zoom pan-and-tilt video, 2D LiDAR, and profiling SONAR for comprehensive visualization and data capture.
- ❖ **Exceptional Reach & Versatility -**
Deploy up to 3,000 ft (914 m) from a CUES Steerable MudMaster crawler or 5,400 ft (1,646 m) with the CUES SoLID FX FLOAT.
- ❖ **Lens-Clearing System -**
Automatically removes water droplets and debris from both the camera and LiDAR lenses, eliminating data loss and interpolation errors.
- ❖ **High-Definition SONAR Profiling -**
Accurately display debris levels and pipe capacity for effective maintenance and rehab planning.





- Live HD CCTV, SONAR, and LiDAR for unmatched accuracy
- Fast data processing and report turnaround
- Dedicated CUES technical and customer support every step of the way
- Proven performance across municipal, industrial, and infrastructure applications

Independent LiDAR Operation -

View laterals, open joints, and voids clearly, even in low-visibility conditions where cameras can't capture usable imagery.

GraniteNet Integration -

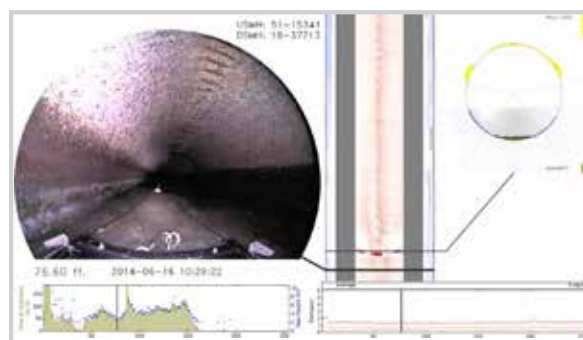
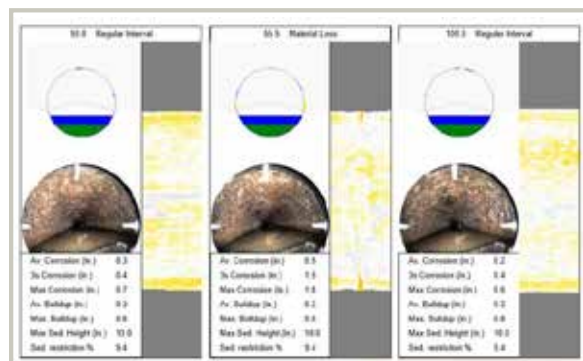
Capture video via the CUES GraniteNet DUC Module for virtual pan, tilt, and zoom control in the office, simplifying post-inspection analysis.

Reliable Performance -

Operates on CUES's Gold Cable for superior signal quality and durability in challenging environments.

Optional Camera Upgrade -

Pair with the CUES OZIII-S high-resolution camera for maximum clarity and inspection detail.



CUES SoLID FX - Where Precision Meets Performance.
Inspect. Analyze. Plan with confidence.