

GENACIS®

GPS-ENABLED AUTOMATED CABLE INTEGRITY SYSTEM



- *Proven Return on Investment <1 Year*
- *Systematically Reduce Egress and Ingress*
- *Real-time Leakage and Vehicle Information*
- *Web-based Interface for Anywhere Access*
- *Totally Hands-off Operation for Error Free Results*



GENACIS® delivers an unmatched management platform to reduce leakage and unwanted ingress.


GENACIS

GPS-ENABLED AUTOMATED CABLE INTEGRITY SYSTEM

GENACIS™ delivers unmatched leakage location and management technology, increasing your cable plant performance with a field proven solution.

FEATURES:

Software Web Interface

- Provides accurate plant coverage and CLI calculations
- Work Order Generation
 - Manage and Edit Work Orders
- Leakage mapping
 - Street level granularity
 - Color coded leakage level
- Advanced patented peak algorithm
- **RatKiller™**  immediate notification alerts
- Near real-time Tracking of leakage, vehicles, and routes
- Ability to track vehicle speeding, idle times, and stop times

Report Types

- Extensive reporting tools with import & export capabilities
 - COALS CLI leakage reporting
 - Statistical and trend analysis tools
 - Tabular data
 - User defined thresholds

The Total System Solution

- Hands Free Automation
- No Operator Interaction
- Real-time Leakage Detection and Tracking
- Comprehensive Cable Plant Leakage Management Tools
- Data uplink for near real-time information
- No Base Station Required
- Accommodates home based vehicles



SPECIFICATIONS:

System Configuration / Performance

GPS Sampling Rate	1 per second
Leakage Sample Rate	~ 12 per second
Frequency Range	120 to 160 MHz
Tuning Resolution	1 kHz
Tuning Stability	≤ 1 kHz
Receiver Sensitivity	-80 dBmV (-129 dBm)
Equivalent Resolution Bandwidth	9kHz
Selectivity	± 4.5 kHz
Accuracy	< ± 2.0 dB
Detector type	Digital receiver/demodulator
Measurement Range	0 to 1900 μV/m
RF Input Impedance	50 ohm
LVI™	Leakage Validation Indicator
GPS Receiver	Fully Integrated

WEB APPLICATION:

Compatible with most desktop/laptop browsers (IE, Firefox, Chrome, Safari).

Limited functionality on most mobile device browsers.

Internet Access Required, Broadband Preferred