



Network Sensor

Thank you for downloading this Galvanick technical brief. Carahsoft is the government solutions provider for Galvanick cybersecurity solutions available via NASA SEWP V, E & I, The Quilt, and other contract vehicles.

To learn how to take the next step toward acquiring Galvanick's solutions, please check out the following resources and information:



For additional resources:
carah.io/GalvanickResources



For upcoming events:
carah.io/GalvanickEvents



For additional Galvanick solutions:
carah.io/GalvanickSolutions



For additional cyber solutions:
carah.io/Cybersecurity



To set up a meeting:
Galvanick@carahsoft.com
844-445-5688



To purchase, check out the contract vehicles available for procurement:
carah.io/GalvanickContracts

Technical Brief

NETWORK SENSOR

Problem

Traditional network monitoring deploys single sensors at perimeter choke points, missing lateral movement within industrial zones. These high-level sensors cannot see traffic between work cells, HMI-to-PLC communications, or activity at Levels 1 and 2. Attackers exploit these visibility gaps, moving freely between systems once past the perimeter.

Galvanick's Unique Approach

Galvanick deploys multiple sensors deep within OT networks – work cells, industrial zones, and critical assets – not just at perimeters.

Our sensors operate in harsh environments, capturing traffic where attacks occur rather than where it's convenient to monitor.

Technical Differentiators

- Multi-tier deployment: Sensors at enterprise, DMZ, and deep within control networks.
- Industrial-grade hardware: DIN rail mounting, MIL-STD-810H certified, operates -20°C to 75°C.
- Flexible form factors: From 13Gbps rack-mount to 3Gbps DIN rail with Wi-Fi/LTE options.
- Fleet management: Centralized mgmt. of sensors.

Why This Matters

Attackers don't announce themselves at firewalls. They move laterally between PLCs, pivot through HMIs, and hide in work cell traffic. Single perimeter sensors miss large portions of attacker activity happening deeper in the network. Galvanick's distributed sensor deployment sees everything – from enterprise to shop floor.

For organizations requiring complete network visibility, Galvanick is the only platform deploying industrial-grade sensors throughout OT environments, capturing attack traffic where it actually happens – not just where it enters.

