

VORTEX GRID SYSTEMS INC.

Field Report 021

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1. Purpose and Operational Context

This field report documents the preliminary site observation and remote network diagnostic sweep conducted following service disruption IR-2026-024 across North Region operational facilities. The sweep was initiated by Field Operations to evaluate hardware accessibility, network port responsiveness, and device connectivity across all active equipment deployments.

2. Remote Ping Sweep Findings

During incident IR-2026-024, Field Operations executed an automated remote ICMP and SNMP diagnostic sweep targeting all registered field units in the North Region. The primary objective of this initial remote assessment was to establish a high-level count of un-routable or non-responsive endpoint interfaces across the regional network segment.

Our initial field check and automated telemetry sweep observed that exactly 42 devices were affected by the outage. These 42 units failed remote health queries and exhibited complete packet drop across primary management interfaces during the active incident window. This count represents the total number of endpoints flagged by the automated central monitoring console prior to local physical inspection or buffer retrieval.

3. Equipment Classification and Technical Scope

The 42 non-responsive endpoints identified in the remote sweep encompass multiple hardware categories, including field telemetry gateways, environmental monitoring nodes, and remote circuit assembly interfaces. Field personnel noted that transient network path failures and upstream gateway timeouts contributed to the high initial count reported by the automated central management system.

4. Summary and Next Steps

The remote ping sweep provided an immediate operational estimate of regional impact during the emergency response phase. However, because remote ping sweeps cannot distinguish between physical component failure and transient network route dropouts, physical site inspections and local device log extractions were authorized to verify the true scope of physical device impairment.

Field Operations will compare these remote observations against localized device buffer logs to reconcile telemetry discrepancies and establish final repair requirements for IR-2026-024.