Madani Systema



AETHER GRID

INTEGRATED CELLULAR ENVIRONMENT MANAGEMENT PLATFORM

AETHER GRID is a centralized platform engineered to manage, observe, and coordinate cellular activity within controlled operational environments.

By integrating multi-channel radio hardware with a unified management interface, the platform provides operators with a consolidated environment for device discovery, subscriber classification, operational monitoring, policy administration, campaign control, user authorization, event recording, and reporting.

Its modular system architecture supports deployment across a wide range of operational scenarios. AETHER GRID can be configured for fixed installations or mobile environments, allowing system capacity, antenna configuration, radio parameters, and operational policies to be adapted according to mission requirements.

Support for multiple cellular standards and concurrent frequency operation enables AETHER GRID to maintain broad situational awareness across cellular environments while providing operators with centralized control over system activity.



SYSTEM SPECIFICATIONS

Channel Architecture

16 channels (8 channels × 2 hardware units)

Supported Cellular Technologies

Supports 2G, 3G, and 4G LTE cellular technologies, enabling operation across multiple network generations and a broad range of cellular environments.

Antenna

Directional antenna configuration

Omnidirectional antenna configuration

Electrical Requirement

220 V AC input

Power consumption 1,400 W

Typical Operational Range

100 meters under suitable operating conditions.

Detection Characteristics

Detection capability is dependent on radio conditions, network environment, system configuration, signal strength, and operational deployment parameters.

Implementation

Supports flexible deployment for both stationary and field-based operations.

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