

P25 Mission Critical

ATLAS 8000 Platform

INTERFACES / GATEWAYS

Multi-functional platform providing advanced control, interoperability, and gateway functions for the ATLAS distributed IP system architecture.



The ATLAS 8000 series platforms are based on a space efficient 1RU rack mount design that can be used to host interface and gateway solutions to inter-connect multiple types of systems through a common IP network. The ATLAS 8000 is available in several variants to meet specific integration needs.

The ATLAS 8000 Features Include:

IP based and fully integrated into the ATLAS distributed architecture solutions

Remote configuration, software upgrades, and fault reporting using the ATLAS Network Management System

Rugged components designed for industrial use

Low power consumption

AC or DC power options

Extra network ports (3) provided for future expansion and upgrades

Software Configurable Options Conventional And Trunking Site Network Interface

Provides distributed call control and mobility management functions

Ability to directly route calls between conventional and trunked systems and/or StarGate® dispatch console without talkgroup patching

Software Configurable Options Analog Gateway

Provides interoperability between StarGate console and legacy analog devices, 4-wire tone and E&M controlled equipment, and analog logging recorders

Software Configurable Options Mobile Radio Gateway

Enables StarGate Console control of local control/base stations

Eliminates intermediary devices by offering direct IP connections from the StarGate console

Enables StarGate console to interface with multiple disparate systems including analog, P25 conventional/trunked, Viking16



Making Safe, Simple™

ATLAS 8000 Platform Interfaces/Gateways Specifications

Environmental And Physical	
Power Supply	12V DC Standard or 100V AC Option
Physical Dimesions (HxWxD)	1.75" x 19" x 10.25" (45 x 483 x 261mm)
Weight	9.5 lbs. (4.3 kg)
Operating Temperature Range	32°F to +140°F (0°C to +60°C)
Storage Temperature Range	-4°F to +185°F (-20°C to +85°C)
Ports	Networking - 2 ports 10/100/1000 ethernet USB - 8 x USB 2.0 / 1.1 Serial - 1 x 9 pin RS232
Hardware	
Processor	Intel® Celeron® N2930 SoC Processor, Quad Core, 1.83 GHz
Memory	Maximum of 8 GB SDRAM