

RICI 5000 Gateway



Optional 1U Dual RICI Rackmount

FEATURES

- Fully User Configurable
- FTI Compatible
- CMHP Certified
- Each module features four Rear DB25 serial ports
- Dual front panel Gigabit Ethernet ports
- 1U rack mountable configuration options
- Redundant configurations available

Sunhillo's RICI 5000 Gateway

has been specifically designed to address the needs associated with the elimination of leased TDM lines. As such, the product comes equipped with a suite of built in user configurable options that allows the users to configure the RICI 5000 Gateway for their required needs depending on where they are in the migration path relative to the elimination of leased TDM lines or as commonly referred to Sun Setting on TDM.

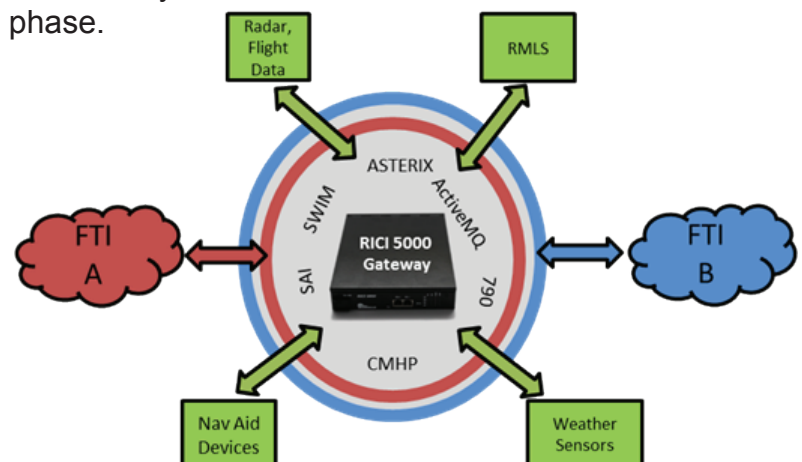
The RICI 5000 Gateway offers the following user configurable gateway options for converting:

SAI (Async) \longleftrightarrow CMHP, SWIM, ActiveMQ
 790 (HDLC) \longleftrightarrow CMHP, SWIM, ActiveMQ

All of the options listed can also be configured to be transported over the FAA FTI network.

By offering the above flexible configuration, as well as both serial and IP connectivity, the RICI 5000 allows the user to switch over gradually or immediately depending on where they are in the migration phase.

A host side interface utility provides a Java Client interface built on open (TCP/IP) message based protocol, which allows for user customization of the Gateway software configuration and maintenance interface software if desired. This interface supports Linux® and Windows® OS.



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Technical Specifications

Serial Port Controls

RS-232 (V.28), RS-422, X.21 (V.11), V.35 (V.35 & V.28), EIA-530A (V.10 & V.11), RS-449/V.36 (V.10 & V.11), RS-485

Ethernet

10BASE-T, 100BASE-T, 1000BASE-T, IEEE-802.3

Supports Connectivity and Conversion for:

CMHP, SAI (Async), 790 (HDLC), ActiveMQ, SWIM

Clock Sources

DCE, DTE, Split Clock (individual clock receive and transmit on each port)

Power

- Power usage: 12W Max per unit
- 100-240 VAC, 2.0A Max, 50-60Hz

MTBF

750,000 Hours per Telcordia SR-332 (Issue 3)

Weight

- Single RICI: 2.5lbs / 1.13kg
- Empty Sleeve: 3.5lbs / 1.59kg
- Fully Populated Chassis: 8.5lbs / 3.86kg

Dimensions

Unit:

- Height: 1.61in / 41mm
- Width: 7.31in / 185.68mm
- Depth: 9.17in / 233mm

Populated 1U Chassis:

- Height: 1.75in / 44.45mm
- Width: 17in / 431.8mm
- Depth: 9.25in / 234.95mm

Environmental

- Storage Temperature: -50°C to +60°C
- Operating Temperature: 0°C to +50°C
- Relative Humidity Range: 10 – 90%, noncondensing
- Operating Altitude: -300' to 10,000' per MIL-STD-810G

Certifications and Compliance

- CE Marking
- FCC Part 15, Class B
- RoHS2 Directive 2011/65/EU
- UL/CSA/IEC/EN 60950-1
- UL/CSA/IEC/EN 62368-1
- ETL for Canada and US, 3023031



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