Atrenne
A Celestica Company

VITA 46.11

SOSA® ALIGNED CHASSIS CONTROLLER

FEATURES

- VITA 46.11–based, SOSA®-aligned chassis controller
- Supports Tier 1, Tier 2, and Tier 3 IPMCs
- Three independent temperature-based fan-control zones
- Automated thermal responses: fan ramp, FRU isolation, chassis power-down
- Event-driven LED control and user-programmable GPIO
- Dual redundant IPMB-A / IPMB-B buses
- Management interfaces: RS-232, (2) 1000Base-T Ethernet ports, CLI, RMCP, SNMP, HTTP
- Redundant chassis controller capability (future release)

Atrenne's **VITA 46.11 Chassis Manager** is the intelligent core of your system's reliability. It actively monitors overall system health and automatically executes corrective actions to ensure continuous operation. Featuring a redundant IPMB for high availability, this manager provides comprehensive control over power management, system cooling, event sensor logging, electronic keying, and card hot-swap monitoring.

SOSA®
Sensor Open Systems Architecture™

VITA 46.11 CONTROLLER FEATURE SET

The enumeration of features within this section should not be viewed as a guarantee; this controller is currently under development...

THE ATRENNE 46.11 CONTROLLER INCLUDES:

- Support for Tier 1, Tier 2 and Tier 3 IPMCs
- Fan Speed Control based on Temperature
  - The Controller supports 3 independent Fan Speed Controlled zones allowing additional cooling to be applied to a specific Hot Area within the chassis.
- Temperature Error Exceptions include:
  - Increased Fan Speed
  - Bringing one or more Field Replaceable Units (FRU) offline
  - Powering down the Chassis
- LED Control based on Chassis Events
- Redundant Chassis Controller Capability (Future Release)
  - If one controller fails, the other controller takes over.
- Monitoring and reporting of Payload Voltages
- GPIO Signals used for User Defined Functions
- Intelligent Platform Management Bus IPMB-A and IPMB-B are implemented
- Communication with the controller available via:
  - RS232
  - Two Ethernet 1000Base-T interfaces
  - CLI
  - RMCP
  - SNMP
  - HTTP

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