

IMACS 200 Overview

Joe Fortin
Product Manager
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Z H O N E TM



IMACS 200 Overview

- Smaller version on IMACS (Integrated Multiple Access Communication Server)
 - 2U high, 19" rack mountable, 12" deep
 - "All in one" architecture
 - ◆ No plug-in cards
 - ◆ Limited number of factory configuration options
- Targeted at the power industry
 - IEEE 1613 Environmentals etc
 - 125 Vdc power (in addition to -48 Vdc and 120,240 Vac)
 - IEEE C37.94 compliant serial data over fiber
- RoHS Compliant
- Host Code Rel. 2.0.4 GA



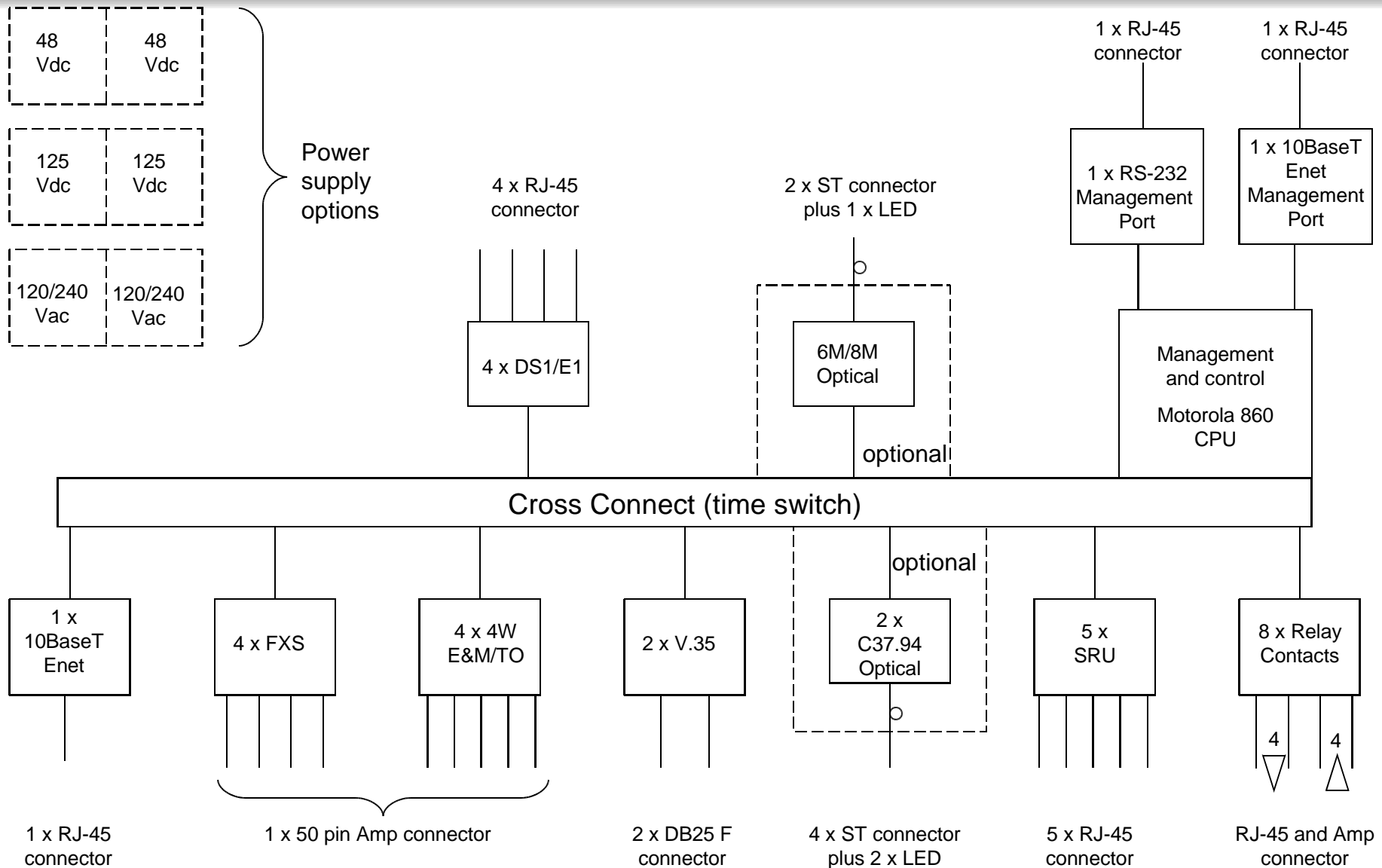
IMACS 200 Features – System Level

- Powering options (factory configurable)
 - -48 Vdc, 125 Vdc, 120/240 Vac
 - Redundant power supplies
- Maintenance Interfaces
 - RS-232 and Ethernet craft ports
 - VT-100 menu based UI like today's IMACS
 - Remote management via SNMP
 - Online EMS compatible
- WAN interfaces
 - 4 T1/E1 ports
 - ◆ 4 working or 2 working/2 protection
 - Optical T1/E1
 - ◆ 8 Mbps max (@ 4 x E1)
 - ◆ Factory configured option
- 256 X 256 DS0 any-to-any cross connect

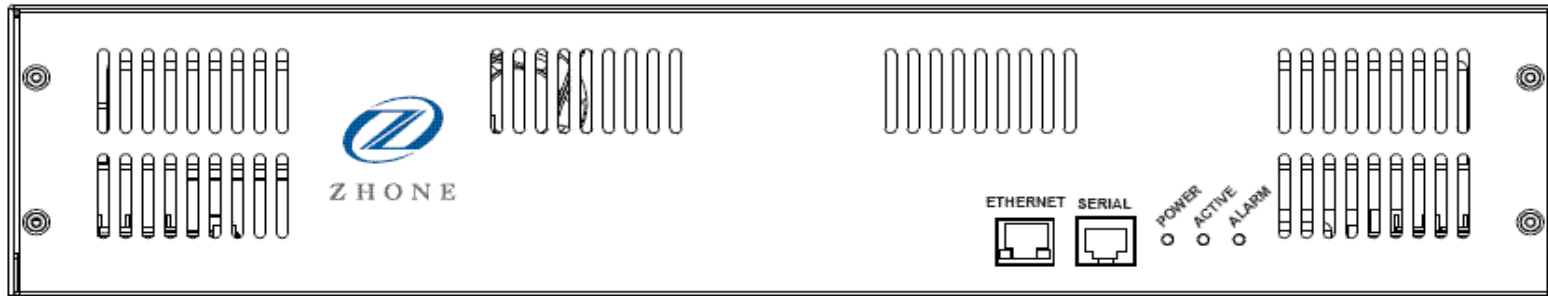
IMACS 200 Features – Access Ports

- Fixed (not optional) Access Ports
 - 4 - 4 Wire E&M/TO (600 ohm)
 - 4 – 2 Wire FXS (600 ohm)
 - 2 – V.35/RS-530 (N x DS0)
 - 5 – RS-232 SRU (300 bps – 38.4 kbps)
 - ♦ Low delay – 3mS @ 9.6kbps, async
 - ♦ support DS0-A, DS0-B, and V.14 multiplexing formats
 - 1 – 10BaseT Ethernet
 - ♦ RFC 1490 WAN transport – Encapsulation
 - ♦ ARP, RIPv1 & RIPv2 routing – OSPF in development
 - 4 alarm inputs
 - 4 alarm outputs (dry contacts)
- Optional (factory configured) Access Ports
 - 2 – IEEE C37-94 (OHSU)

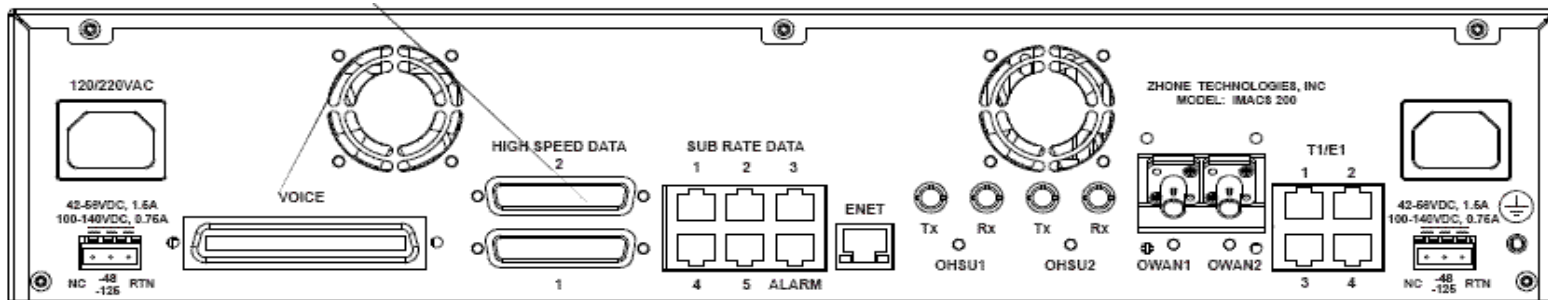
IMACS 200 Block Diagram



Location of Jacks and Indicators



Front



Rear