Athena-8

- Athena/8
- 8 CPU Boards
- 64 Serial Ports

or

- 63 Serial Ports & 1 Ethernet 10BT
- Redundant System Board
- 2 Power Supplies
Athena-4

- 4 CPU Boards
- 8 Ports/Board
- 32 Serial ports
- or
- 31 Serial & 1 Ethernet
- Redundant System Board
- 2 Hot-Swap power supplies
Athena Overview

CPU Front Panel

Legend
- Receive & Transmit: Indicates data movement
- Heartbeat: Indicates program and trunk operating properly
- Link: Indicates status of link and presence of interface hardware

Diagram:
- ATHENA CPU
- Port 1, Port 2, Port 3, Port 4, Port 5, Port 6, Port 7, Port 8, SYSTEM
- Receive, Transmit, Heartbeat, Link
- Reset Switch
- Dump Switch
Athena Overview

Hardware - Redundancy

- Power Supplies in Athena 4 & 8
- System Board Redundancy
  - CPU #2 is slave for CPU #1
  - CPU #2 must have config. plug-in
- No single point of failure to affect overall system operation.
Athena Physical Trunk Interfaces

- V.24/RS232
- X.21
- G.703 64K 120 Ohm
- G.703 E1 75 Ohm, co-ax
- 10BaseT Ethernet
- V.11/RS422
- V.35/RS530
- G.703 E1 120 Ohm
- 56/64K CSU/DSU
Athena X.25/X.3 Switch

REDE DPN

Passport 15000
Passport 15000

E1
E1

Modem

Athena-4

POS

POS Cliente

POS Cliente

Calls Load balance

X.25
X.25
X.25

Master Card

Modem

Passport
15000

Passport
15000

Passport
15000

Passport
15000

Passport
15000

POS

POS Cliente

POS Cliente

DEVELCON
Athena X.25 Over IP – XIP
Athena X.25 to TCP Gateway (TCG/TSG)

Specified TCP ports call specific X.2 Addresses - TCG
X.25 calls connect to specified TCP ports - TSG