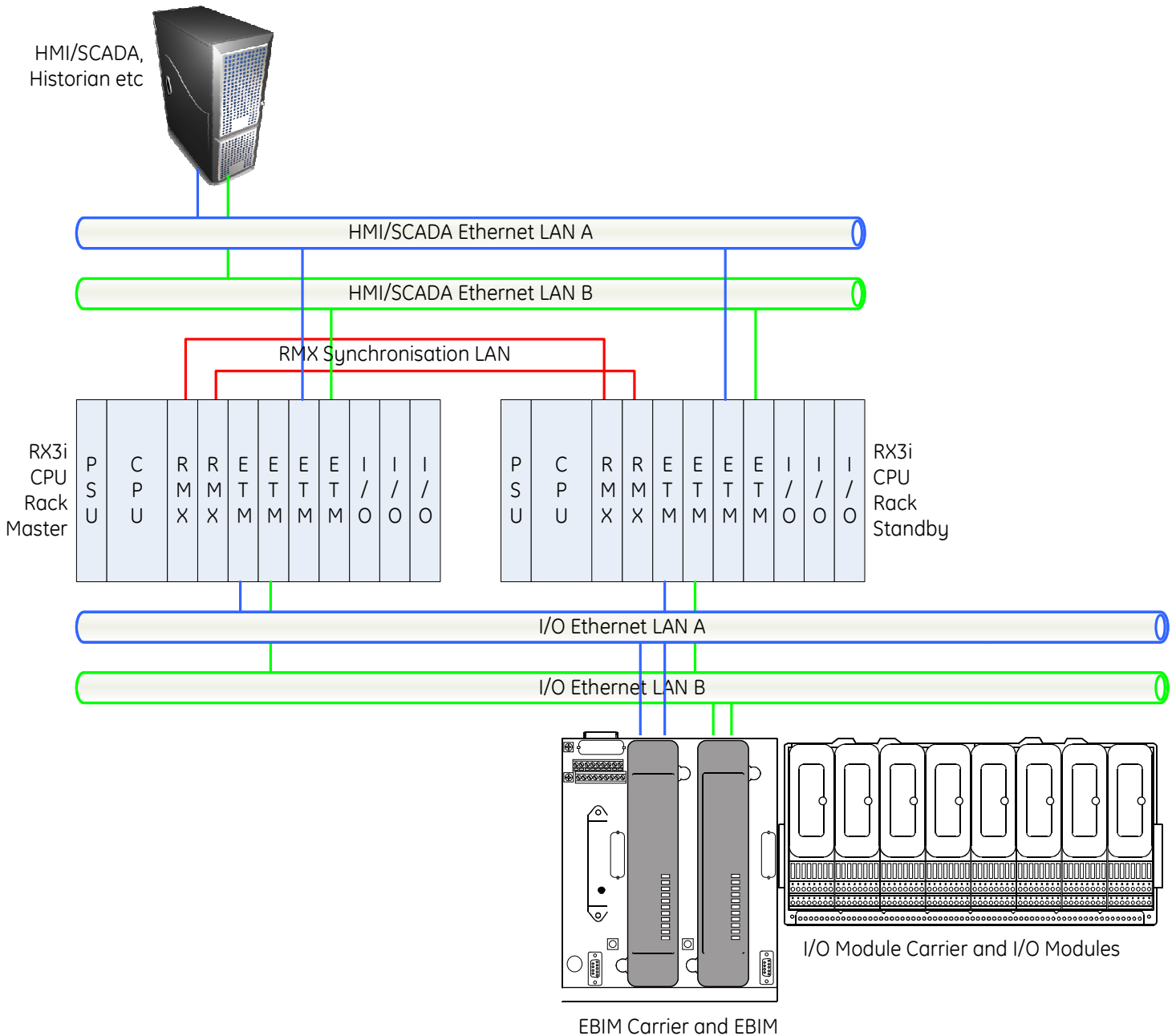




PACSystems RX3i Controller To 8000 I/O EBIM System Architecture (Redundant)



Key

- PSU – Power Supply Unit (DC unit shown)
- CPU – Central Processing Unit
- ETM – Ethernet Interface Module
- RMX – Redundancy Memory eXchange
- I/O – Inputs and Outputs
- EBIM – Ethernet Bus Interface Module

Notes

- RX3i Main CPU rack may be 12 or 16 slots
- Maximum 7 local expansion racks, max distance 300 metres
- Local expansion I/O racks may be 5 or 10 slots
- No limit on Ethernet remote I/O
- Maximum I/O – 32,768 discrete in, 32,768 discrete out, 32,768 analogue in, 32,768 analogue out
- ETM includes switch for daisy chaining of Ethernet network
- EBIMS each have duplex Ethernet port (Modbus TCP Server)
- Up To 64 I/O modules per EBIM node
- Maximum distance of Railbus 6.5 metres