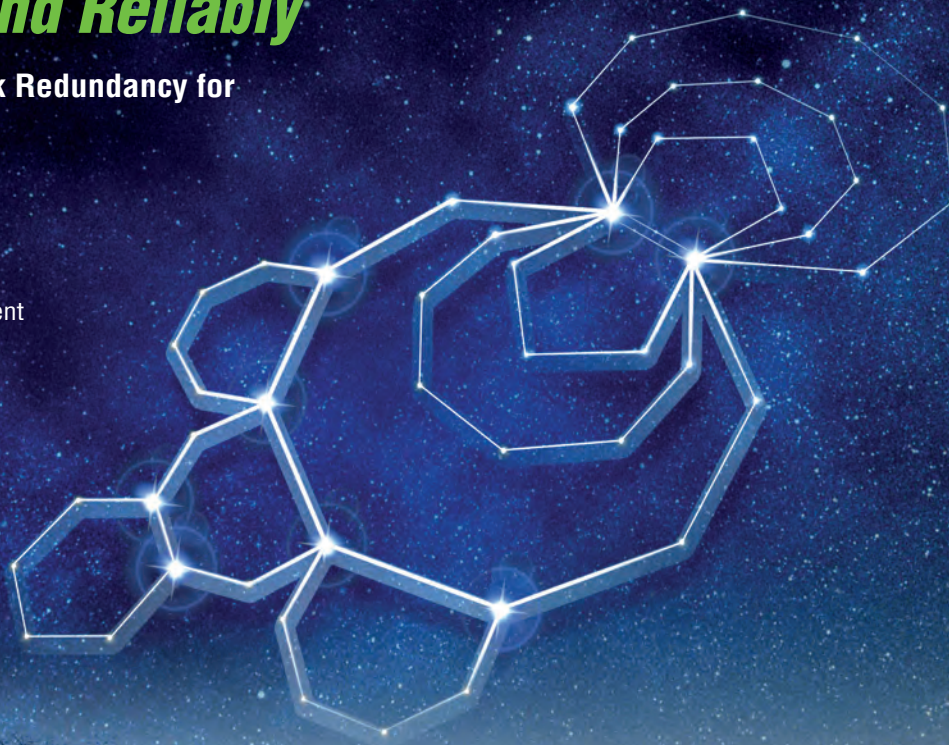


Moxa Turbo Chain Enables Multiple Redundant Networks Flexibly and Reliably

Beyond Redundant Rings
Turbo Chain

Delivering Network Redundancy for

- High availability
- Flexible construction
- Boundless expansion
- Fast fault recovery
- Cost-effective deployment



All Moxa's managed Ethernet switches supported



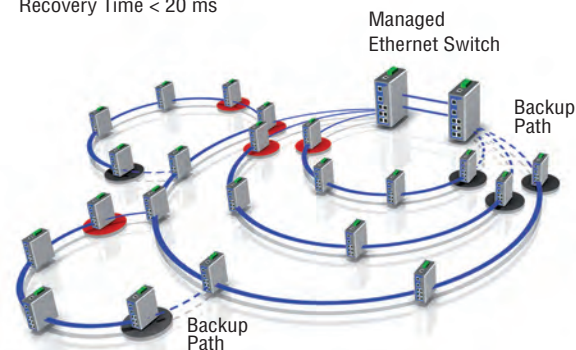
Beyond Redundant Rings

Moxa's innovative Turbo Chain is used to easily construct more complex redundant networks by linking two user-configured end ports within the same segment. Interoperability with any type of redundant protocols, such as RSTP/STP, allows Turbo Chain to flawlessly integrate into any existing Ethernet network. When there is a link failure, the blocked port returns to the forwarding state to ensure minimal network disruption. Compared to traditional ring coupling, Turbo Chain requires fewer coupling cables and Ethernet ports, greatly reducing deployment costs. Turbo Chain is available in all Moxa's managed Ethernet switches, which provide a solid basis for forming multiple redundant Ethernet connections with fast fault recovery, flexible topology construction, unlimited network expansion, and cost-effective configuration.

- **Creates multiple redundant Ethernet connections with high flexibility**
- **Scalable, hassle-free expansions for future networks**
- **Reliable network redundancy (recovery time < 20 ms)**
- **Lower deployment cost versus ring coupling**
- **Moxa's industrial managed Ethernet switches supported**

Turbo Chain Redundant Networks

Recovery Time < 20 ms



- **Head switch:** Edge switch is assigned the forwarding state
- **Tail switch:** Edge switch is assigned the blocked state

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MOXA®



Fastest Redundancy Recovery
20ms up to 250 Switches

Flexible Topology
Works with RSTP-Not limited to Rings!

Saves Money
Fewer ports used, Less cabling

