

VALIANT COMMUNICATIONS LIMITED



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VCL-MegaConnect 64 Port E1 / T1 (DACS - Digital Access Cross Connect)

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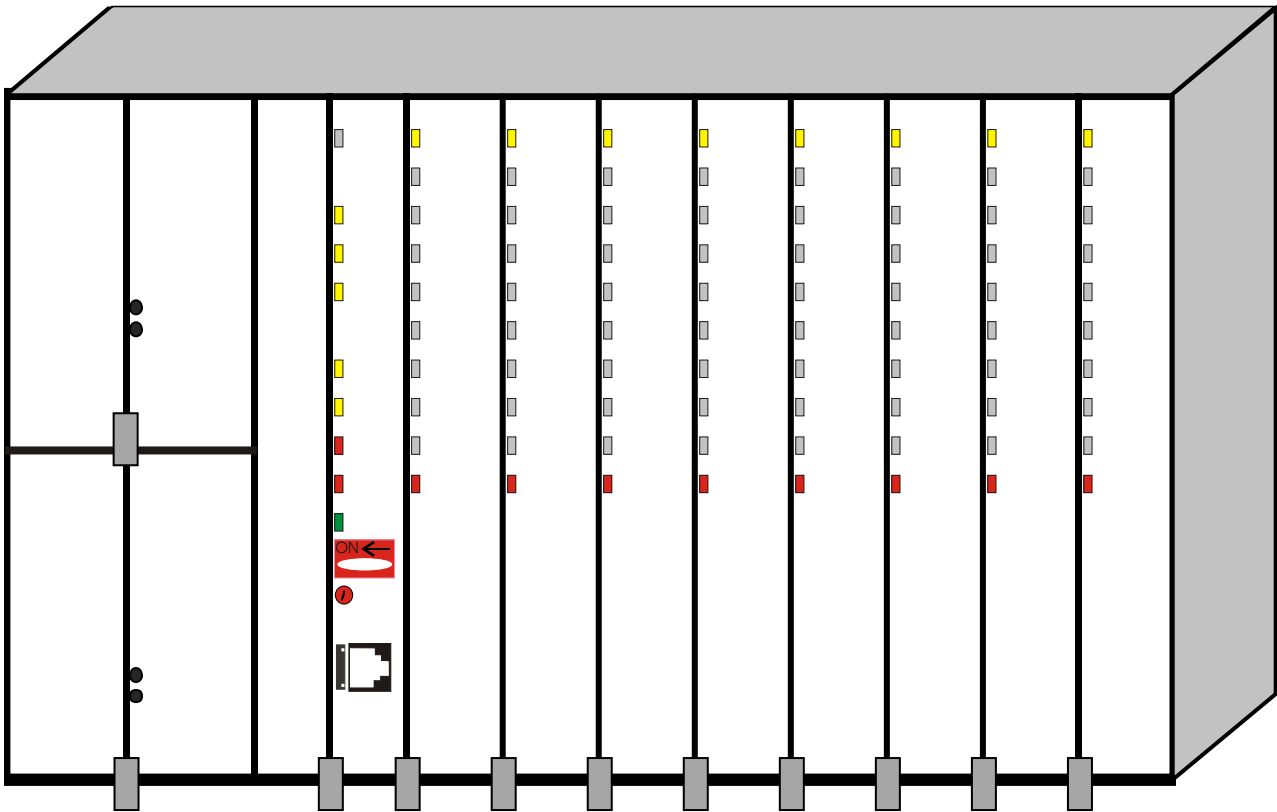
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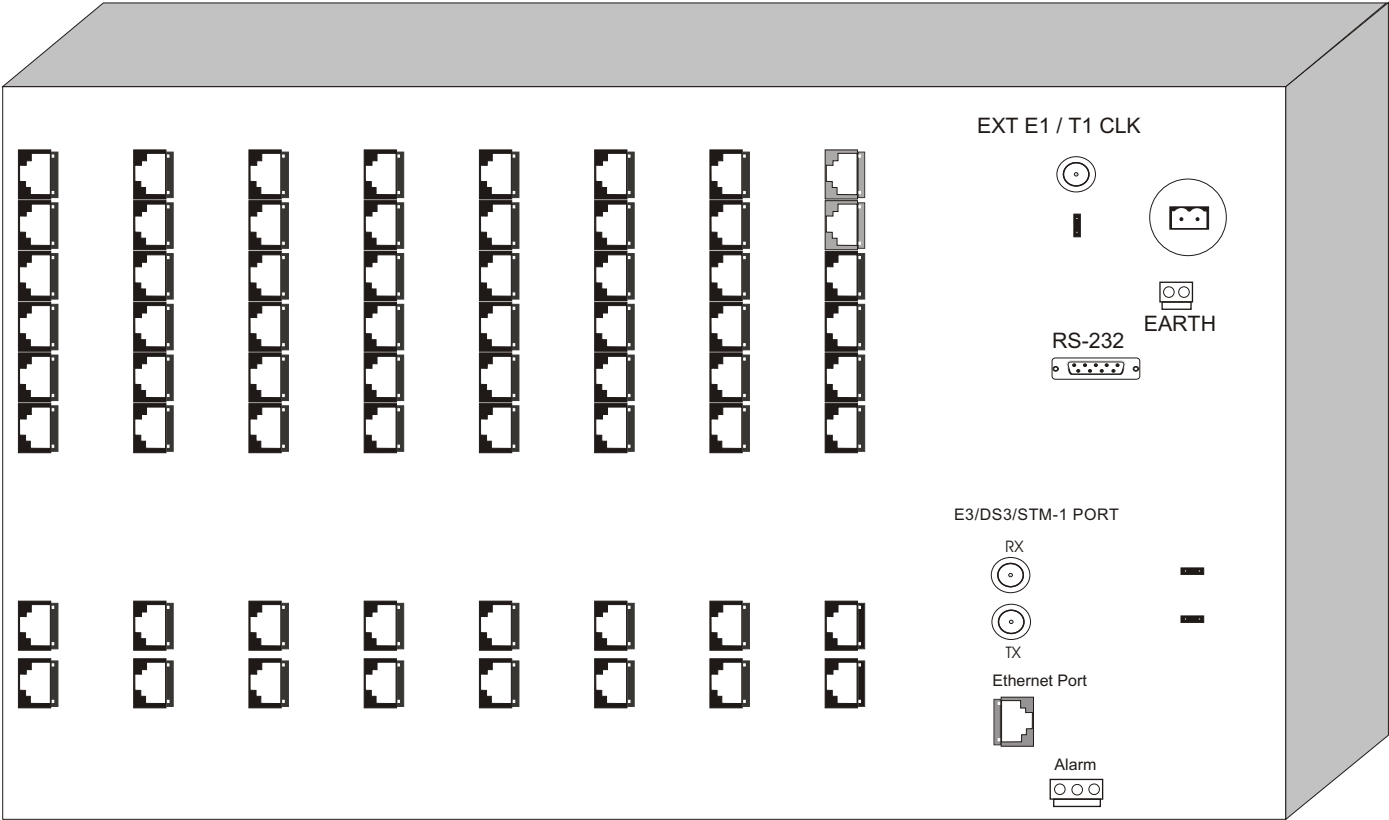
Automatic Protection Switching Application



VCI-MegaConnect Front View

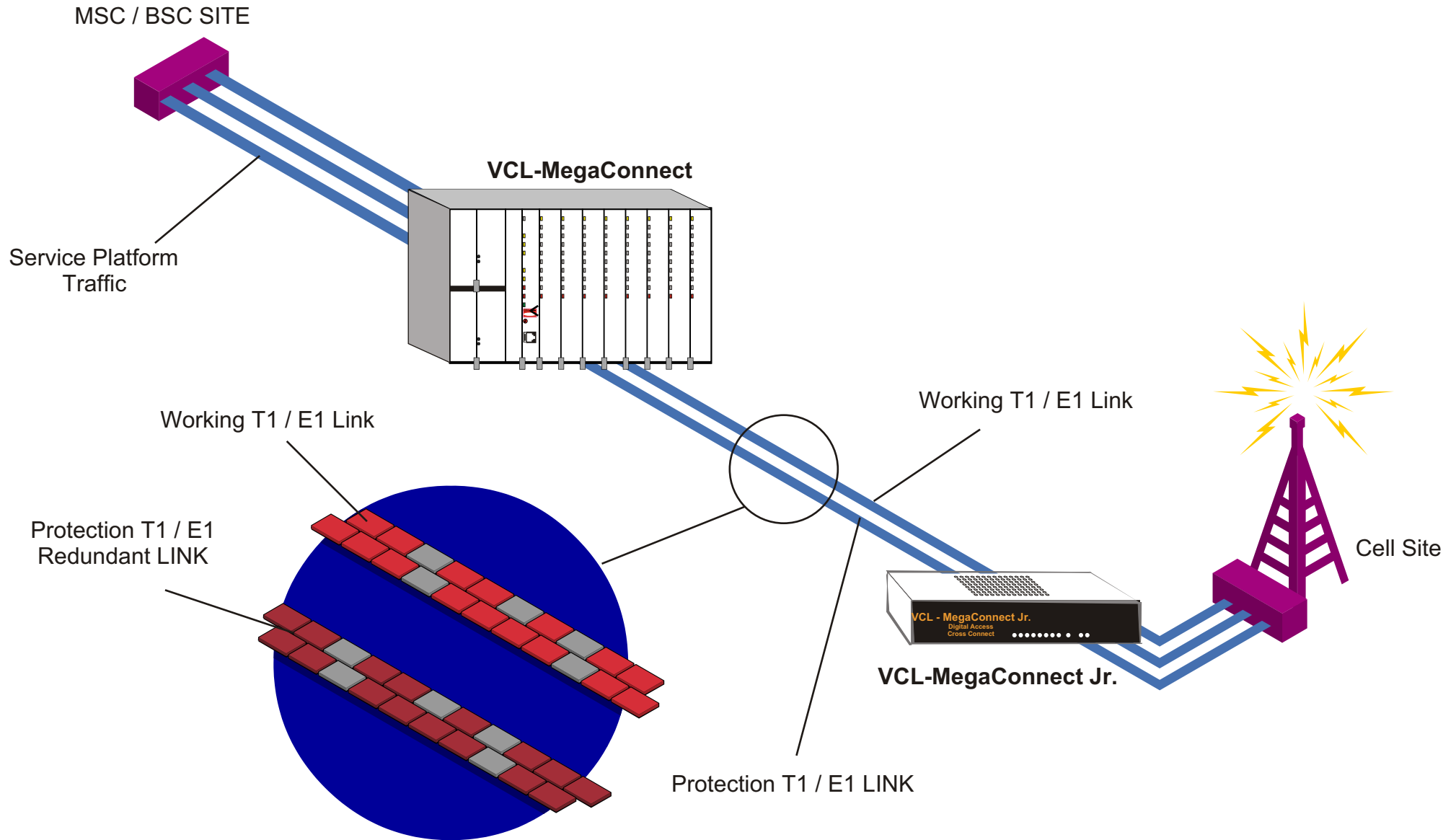
Maximize mobile operator service availability and network resiliency through MegaConnect Path - Protection enabled facility

Automatic Path Protection Switching



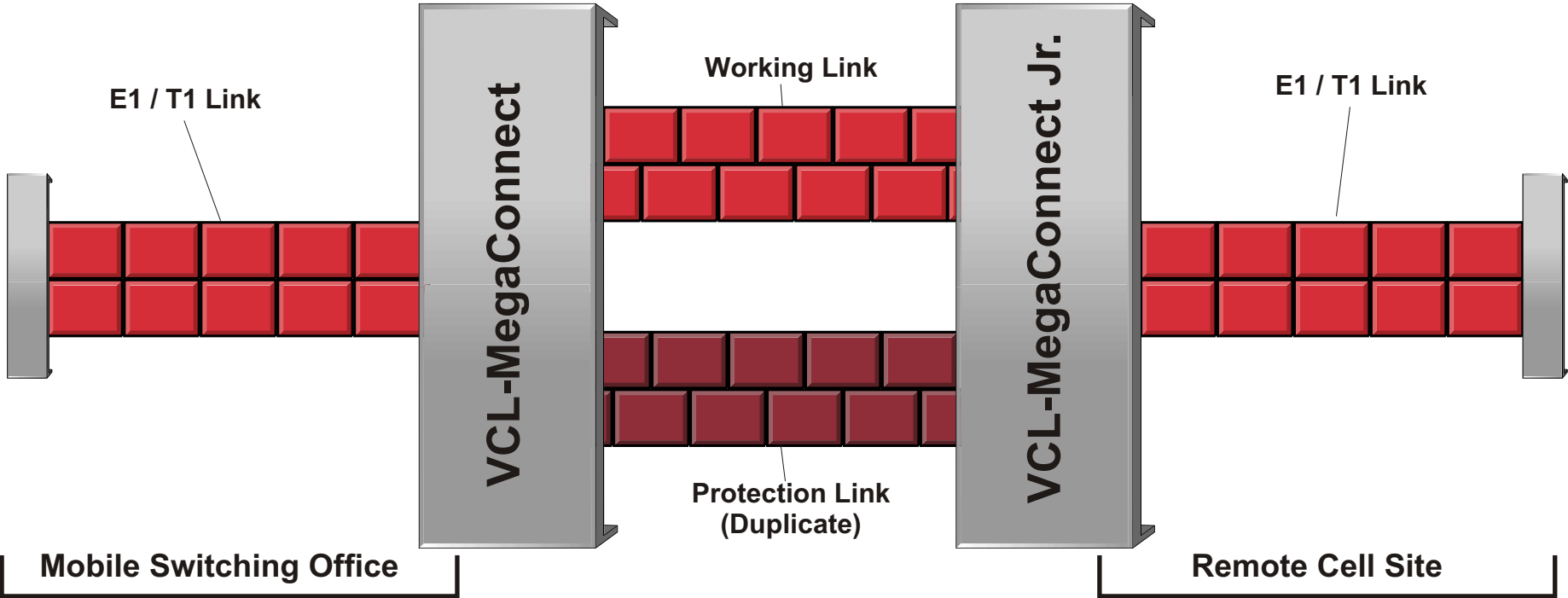
VCI-MegaConnect Rear View

Two User selectable MegaConnect options are available for reliable networks operation



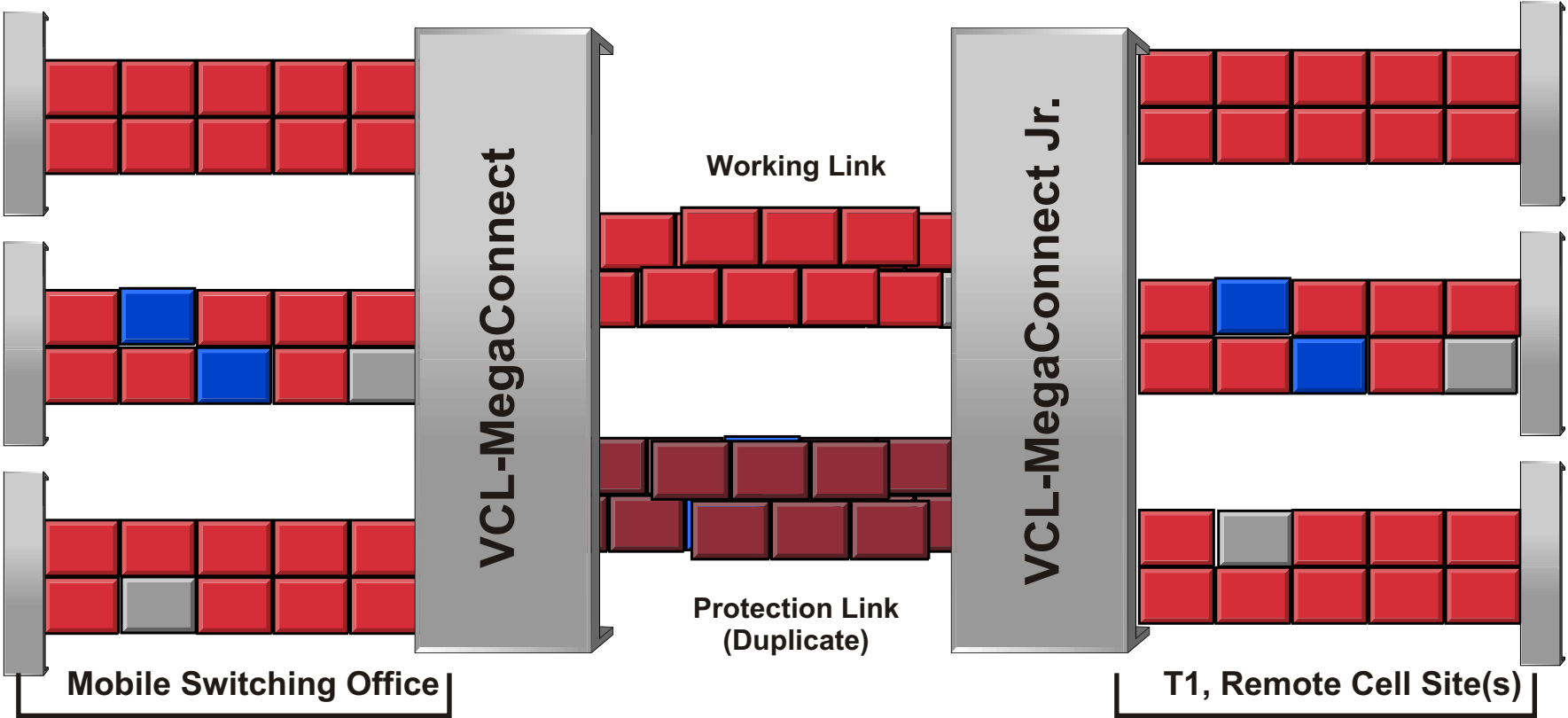
These ensure that mission critical voice, data, control and management traffic are properly supported and maintained even during T1 / E1 backhaul facility outages. When the working link fails, the protection link becomes active.

MegaConnect (With Path Protection Switching) - Normal Operation



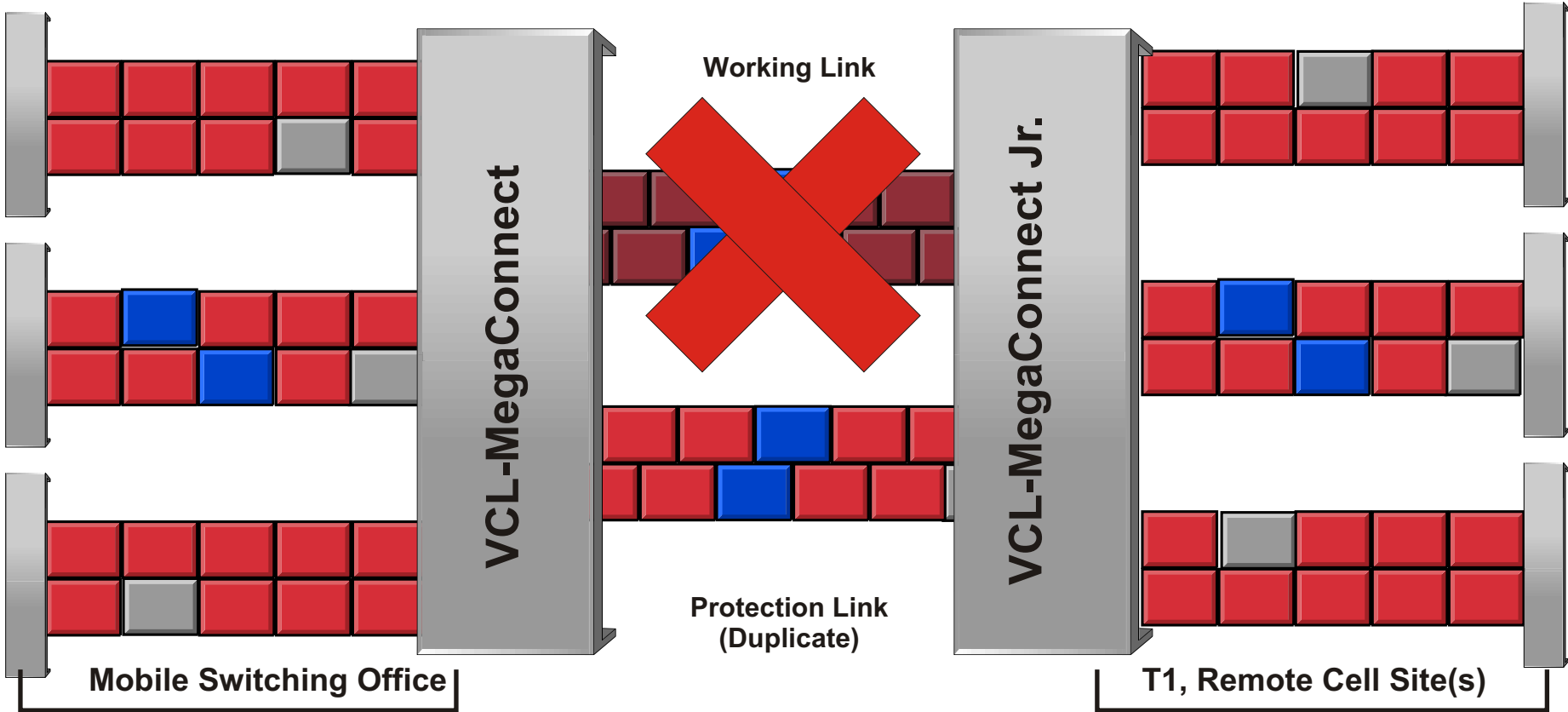
During normal Operation, MegaConnect sends duplicate traffic across both the working and dedicated protection E1 / T1 facilities while continuously maintaining the performance of both links to determine which link shall be utilized.

MegaConnect (With Path Protection Switching) - Normal Operation



Through the comprehensive digital access cross-connect and remote management capabilities integrated within MegaConnect, backhaul T1 / E1 facilities can be optimally groomed to reduce both Capital Expenditure and improve Network reliability.

MegaConnect (With Path Protection Switching) - Working Link Fault



In the event of a failed or degraded T1 / E1 link, the traffic is automatically transferred from the previously working link to the duplicate protection link in accordance with the pre determined operating parameter programmed by the network operator.

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Integrated 1+1 Route Protection Switching

Features	Benefits
Traffic Protection	Customer Relation
Alternate Facility	Competitive Advantages
Service Differentiation	Service Level Agreements
Increased Network Reliability	Backhaul Network Resilience
Media and Path Diversity	Technology Migration
Remote Management	