

VCL DEFENSE SOLUTIONS

VALIANT COMMUNICATIONS



Valiant Communications

- Valiant Communications (VCL) is a global manufacturer of cyber security, communication, transmission, synchronization, failover, NAS Data Storage equipment and solutions.
- Founded in 1993, the company has installations in over 110 countries and serves industries such as power utilities, defense sector, oil and gas, railways, metro rail communications, airport communications applications.
- VCL emphasizes innovation and customer-centric solutions, providing products that enhance network reliability, security, and performance.
- An approved “Trusted Source Company” by Cyber Wing, National Security Council Secretariat, Govt. of India.

Valiant Communications offers a comprehensive product portfolio that includes:

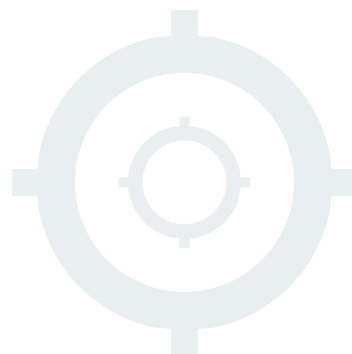
- Advanced Cyber Security solutions.
- NAS and Data Storage Servers with multiple layer of Cyber Security.
- VCL IP/MPLS Routers.
- TDM over IP/Ethernet Converters.
- Time & Frequency Synchronization.
- Network Reliability equipment.



Advance Cyber Security Solutions:

- Real-time threat detection and prevention against cyber-attacks and firewall breaches.
- Next-generation firewalls and secure routers designed for mission-critical environments
- To detect, prevent and secure their network against firewall breaches and trojan cyber-attacks.





NAS and Data Storage Servers with multiple layer of Cyber Security:

- Network Isolation equipment
- Quantum-Safe encrypted data storage
- Vaulted Data Storage through Data Diode
- EMP (electromagnetic pulse) data storage protection.

VCL IP/MPLS Routers:

- IP/MPLS Routers with enhanced security features for reliable data transmission with encryption.
- To protect customer networks against hostile and unwarranted intrusions with Cyber security features.



TDM over IP/Ethernet Converters:

- Seamless integration of legacy E1/T1 services over modern IP/Ethernet networks
- Utilizing **CESoPSN**, **SAToP** and **PWE3** technologies for dependable communications
- Support for 2 E1/T1, 8 E1/T1, 16 E1/T1, 32 E1/T1 and E3/DS3/T3 for TDM over IP, MEF or MPLS.



Time & Frequency Synchronization:

- GPS/GNSS/**NavIC** Primary Reference Clocks (ITU-T G.811) for high-precision timing.
- NTP Time Servers
- PTP Grandmaster, PTP Slaves, PTP Switches utilizing IEEE-1588v2 protocols for synchronized communication.



Network Reliability:

- **Automatic Protection Switches and Ethernet Failover Switches to ensure 99.99% communication availability under adverse conditions.**
- **Automatic Protection for E1 or T1 links of the network to establish a 1+1 redundant communication path.**

Global Distribution Network



Contact Us

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