Defence Communication Solutions

Valiant Communications is a global manufacturer of cyber security, communication, synchronization, failover, transmission, and protection equipment and solutions. Founded in 1993, the company has installations in over 110 countries and serves industries such as power utilities, oil and gas, railways, metro rail communications, airport communications, and defence sector applications.

Valiant Communications emphasizes innovation and customer-centric solutions, providing products that enhance network reliability, security, and performance. Our extensive global presence includes offices, distributors, and representatives across various regions, ensuring localized support and services for our clients.

Valiant Communications offers a comprehensive product portfolio that includes:

Advanced 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 cyber-attacks.

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

- Network Isolation equipment

- Quantum-Safe Encryption

- 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.

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.

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Precision Timing and Synchronization:

- **GPS/GNSS/NavIC Primary Reference Clocks (ITU-T G.811)** for high-precision timing.

- **NTP and PTP Time Servers** utilizing IEEE-1588v2 protocols for synchronized operations.

Network Reliability:

- **Automatic Protection Switches and Ethernet Failover Switches** to ensure uninterrupted communication under adverse conditions.

- To use two different E1/T1 links of the network to establish a 1+1 redundant path.

U.S.A.
Valcomm Technologies Inc.
4000 Ponce de Leon Blvd.,
Suite 470, Coral Gables,
FL 33146, U.S.A.
E-mail: us@valiantcom.com

U.K.
Valiant Communications (UK) Ltd
Central House Rear Office
124 High Street, Hampton Hill
Middlesex, TW12 1NS, U.K.
E-mail: gb@valiantcom.com

INDIA
Valiant Communications Limited
71/1, Shivaji Marg,
New Delhi - 110015,
India
E-mail: mail@valiantcom.com