



VCL Cyber Security Suite

VCL-2702, Network Isolation Switch provides manual and automatic isolation of the Local Area Network from Wide Area Network. Helps to create operational zones in an organization, building or a campus network, securing and isolating them from the external network in the event of the detection of a network intrusion, ransomware or cyber-attack.

VCL-MX-5010-Firewall - Regional Centre Next Generation Firewall.

VCL-5001, Network Traffic Sniffer detects firewall breaches, network intrusions and cyber-attacks in "real-time". It also provides the user, the data to conduct forensic analysis and trace the attack route which assists the network administrator to identify the points of network vulnerability. The VCL-5001, Network Traffic Sniffer provides inbound and outbound traffic monitoring analysis and alerts the network administrator of data leaks and potential moles which may be a security threat.

VCL-2140: Serial and Ethernet Data Encryption to provide secure communications between the RTU Terminals and their corresponding IEC -101, -104, DNP, MODBUS protocol central server(s) located in Load Dispatch Centre(s) / SCADA Management Centre(s) and Rail Traffic Control Room(s).

VCL-2142 Enigmatron Xcöde - low data rate encryption equipment suitable for RTU data. The VCL-2142 is designed to be used in harsh environments and in critical infrastructure such as Sub-Stations, Smart Grid Distribution Systems, Oil and Gas Infrastructure and Railway Signaling Networks. May be installed in point-to-point, as well as in point-to-multi-point applications (with VCL-5040-S) in networks consisting of multiple ('00s) of edge locations.





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VCL-2143:Network-MouseTrap™ (Network Decoy Server) to detect a network intrusion / network breach / cyber-attack and conduct forensic analysis in real-time.



VCL-2457, Smart Rack Control Unit – the VCL smart-rack control may be installed in any 19-inch rack to monitor the health of the telecom rack, its DC voltage, fan speeds and fan failures, temperature alarm, smoke alarm etc. with up to 6 x I/Os. These units can be integrated with Valiant’s UNMS (Universal NMS) which has the capability to monitor ‘000s of racks in the network from a single NMS.



VCL-SSFW – this is a transparent substation firewall. The unique feature of this equipment is that it does not require the reconfiguration of any of the sub-station or the LDC (Load Dispatch Centre) equipment and can be added in existing network - without requiring changes in the network, or the reconfiguration of any of the existing devices which are already operating in that network.

VCL-NAS – Network Access Storage for sub-station data storage and on-location / off-location critical data back-up.



UNMS (Universal NMS) - All these above listed elements can be monitored from Valiant’s (UNMS) Universal NMS.

