

Specificatii tehnice (F4.1)

[Acest tabel va fi completat de către ofertant în coloanele 3, 4, 5, 7, iar de către autoritatea contractantă – în coloanele 1, 2, 6, 8]

Numărul procedurii de achiziție : nr. și data indicate in SIA RSAP MTender la procedura de achiziție in cauză
Denumirea procedurii de achiziție: Console

Cod CPV	Denumirea bunurilor	Modelul articolului	Țara de origine	Producătorul	Specificarea tehnică deplină solicitată de către autoritatea contractantă	Specificarea tehnică deplină propusă de către ofertant	Standarde de referință
1	2	3	4	5	6	7	8
30231200-9	Lotul nr. 1: Console tip I	IOLAN SCG48 Console Server	Canada	Perle Systems Inc.	<p>1.Servere (cantitate): 3</p> <p>2.Form Factory: Rack mount 1U</p> <p>3.Cantitate porturi seriale, min: 48 port</p> <p>4.Serial Port: RJ45</p> <p>5.Dispozitive conectate: Cisco, Juniper, SUN, etc.</p> <p>6.Accesare Serial Port: Telnet/SSH după port și adresa IP</p> <p>7.Conexiuni securizate, min: SSHv2, SSL Server/Client mode, IPSec VPN : NAT Traversal, ESP, criptare: AES (256/192/128), 3DES, DES, RADIUS</p> <p>8.Protocoale: IPv4, IPv6, SNMP v2, v3, SSH, Telnet, HTTP, HTTPS, SFTP, VPN, etc.</p> <p>9.Procesor, min: 32 bit, 450 Mhz, 1700 MIPS</p> <p>10.Memorie, min: RAM – 1GB, Flash – 4GB</p> <p>11.Viteza de comunicare, Serial Port: 45bps - 200Kbps</p> <p>12.Protecție Serial Port: 15kV</p> <p>13.Protecție Ethernet: 1,5 kV</p> <p>14.Local Console Port: RS232 la RJ45</p> <p>15.Parametrii de rețea: RJ45, 10/100/1000Base-T</p> <p>16.Surse de alimentare: IEC320-C13, 240V, 50Hz</p> <p>17.Power Cord: IEC320-C13 to IEC320-C14, 16A, 0,5m</p> <p>18.Data de fabricare: Actual la data livrării</p> <p>19.Versiunea de soft: Ultima versiune de software</p>	<p>Processor: 1750 MIPS, 500 MHz core 32 bit ARM processor, with integrated hardware encryption processor RAM: 1 GB Flash: 4GB Integrated Device Management Ports: 48 x RS232 RJ45 Serial Port Speeds: 50bps to 230Kbps with customizable baud rate support Data Bits: Configurable for 5,6,7 or 8-bit protocol support Flow Control: Hardware, Software, Both, None Serial Port Protection: 15Kv Electrostatic Discharge Protection (ESD) Local Console Ports: 1 x RS232 RJ45; 1 x Micro USB with DB9 adapter Network: 1 x 10/100/1000Base-T RJ45 Copper Ethernet Isolation: 1.5Kv Magnetic Isolation Power Supply: AC power supply; IEC320-C13 to IEC320-C14 Nominal Input Voltage: 110/230v AC Input Voltage Range: 100-240v AC AC Input Frequency: 47-63Hz Typical Power Consumption (Watts): 14 Watts LED Indicators: System Ready; Network Link Activity Ingress Protection Rating: IP30 Mounting: 1U - 19" rack, front and rear mounting hardware included Serial Port Access: - Connect directly using Telnet / SSH by port and IP address - Connect with EasyPort menu by Telnet / SSH - Use an internet browser to access with HTTP or secure HTTPS via EasyPort Web menu - Java-free browser access to remote serial console ports via Telnet and SSH - Ports can be assigned a specific IP address (aliasing) - Multisession capability enables multiple users to access ports simultaneously - Multihost access enables multiple hosts/servers to share serial ports Accessibility: - In-band and out-of-band Ethernet via RJ45 copper (10/100/1000 Base-T) - Dynamic DNS enables users to find a console server from anywhere on the Internet - Domain name control through DHCP option 81 - IPV6 and IPV4 addressing support Availability: - Primary/Backup host functionality enables automatic connections to alternate host(s) Security: SSH v1 and v2; PCI DSS Compliance: TLS v1.2, TLS v1.1, TLS v1.0, SSL v3.0, SSL v2.0; SSL</p>	EN 61000-3-2; IEC 62368-1; EN 300 328

				20.Termenii de garanție: 2 ani, cu suport	<p>Server and SSL client mode capability; SSL Peer authentication; IPsec VPN : NAT Traversal, ESP authentication protocol; SSH ciphers: AES-CTR, AES-GCM and ChaCha20-poly1305; SSL encryption: AES-GCM, key exchange ECDH-ECDSA, HMAC SHA256, SHA384; Encryption: AES (256/192/128), 3DES, DES, Blowfish, CAST128, ARCFOUR(RC4), ARCTWO(RC2); Hashing Algorithms: MD5, SHA-1, RIPEMD160, SHA1-96, and MD5-96; Key exchange: RSA, EDH-RSA, EDH-DSS, ADH; X.509 Certificate verification: RSA, DSA; Certificate authority (CA) list; Local database; RADIUS Authentication, Authorization and Accounting; TACACS+ Authentication, Authorization and Accounting; LDAP, NIS, Kerberos Authentication; RSA SecureID-agent or via RADIUS Authentication; SNMP v3 Authentication and Encryption support; IP Address filtering; Disable unused daemons; Active Directory via LDAP.</p> <p>Terminal Server: Telnet; SSH v1 and v2; Rlogin; Auto session login; LPD, RCP printer; MOTD - Message of the day. Serial machine to Ethernet: - Tunnel raw serial data across Ethernet - clear or encrypted - Raw serial data over TCP/IP - Raw serial data over UDP - Serial data control of packetized data - Share serial ports with multiple hosts/servers - Virtual modem simulates a modem connection - assign IP address by AT phone number - Virtual modem data can be sent over the Ethernet link with or without SSL encryption - TruePort com/tty redirector for serial based applications on Windows, Linux, Solaris, SCO HP UX, NCR UNIX and AIX. Perle supports the most comprehensive driver set in the industry. For a complete list of all the latest drivers click here - TrueSerial packet technology provides the most authentic serial connections across Ethernet ensuring serial protocol integrity - RFC 2217 standard for transport of serial data and RS232 control signals - Customizable or fixed serial baud rates - Plug-ins allow customer or Perle provided plug-ins for special applications - Software Development Kit (SDK) available - Serial encapsulation of industrial protocols such as ModBus, DNP3 and IEC-870-5-101 - ModBus TCP gateway enables serial Modbus ASCII/RTU device connection to ModBus TCP - Data logging will store serial data received when no active TCP session and forward to network peer once session re-established - 32K bytes circular per port Console Management: - Sun / Oracle Solaris Break Safe - Local port buffer viewing - 256K bytes per port - External port buffering via NFS, encrypted NFS and Syslog - Event notification - Manage AC power of external equipment using Perle RPS power management products - Clustering - central console server enables</p>	
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						<p>access ports across multiple console servers - Windows Server 2003/2008 EMS - SAC support GUI access to text-based Special Administrative Console - Ping watchdog probes enable customers to power cycle equipment with attached Perle RPS power switches in the event of an unresponsive networking gear Remote Access: Dial, direct serial: PPP, PAP/CHAP, SLIP IPSEC VPN client/servers: Microsoft L2TP/IPSEC VPN client (native to Windows XP); Microsoft IPSEC VPN Client (native to Windows Vista); Cisco routers with IPSEC VPN feature set OA&M (Operations, Administration and Management): - SNMP V3 - read and write, Perle MIB - Syslog - Perle Device Manager - Windows based utility for large scale deployments - Configurable default configuration - Installation Wizard - Set a Personalized Factory Default for your IOLANs Protocols: IPv6, IPv4, TCP/IP, Reverse SSH, SSH, SSL, IPSec/IPv4, IPSec/IPv6, L2TP/IPSec, CIDR, RIPV2/MD5, ARP, RARP, UDP, UDP Multicast, ICMP, BOOTP, DHCP, TFTP, SFTP, SNMP, Telnet, raw, reverse Telnet, LPD, RCP, DNS, Dynamic DNS, WINS, HTTP, HTTPS, SMTP, SNMPV3, PPP, PAP/CHAP, SLIP, CSLIP, RFC2217, MSCHAP</p> <p>Termen de garantie: 2 ani, cu suport</p>	
30231200-9	Lotul nr. 2: Console tip II	IOLAN Serial Device Server IOLAN SDG4 LE	Canada	Perle Systems Inc.	<p>1.Servere (cantitate): 6 2.Console Server transport date: 4G LTE 3.Cantitate porturi seriale, min: 4 4.Serial Port: RS232 on RJ45 5.Dispozitive conectate: Cisco, Juniper, SUN, etc. 6.Accesare Serial Port: Telnet/SSH după port și adresa IP 7.Rețea mobilă (GSM), operatori locali Unite, Orange, etc.: 4G LTE, HSPA+, UMTS, EDGE and GPRS/GSM 8.Rețea locală (LAN): 10/100/1000 Base-T Ethernet 9.Securitate: SSHv2, SSL Server and SSL client mode capability, IPsec VPN : NAT Traversal, criptare: AES (256/192/128), 3DES, DES, RADIUS 10.Procesor, min: 600Mhz 11.Memorie, min: RAM - 512MB, Flash – 4G 12.Protecție Serial Port: 15kV 13.Protecție Ethernet: 1,5 kV 14.Local Console Port: RS232 on RJ45</p>	<p>Processor: 600Mhz ARM Processor RAM: 512MB FLASH 4GB Interface Ports: Number of Serial Ports: 4x RJ45 Serial Port Interfaces: Software selectable EIA-232/422/485 Serial Port Speeds: 300bps to 230Kbps with customizable baud rate support Data Bits: Configurable for 5,6,7 or 8-bit protocol support; Use TruePort to transparently pass 9-bit serial data Parity: Odd, Even, Mark, Space, None Flow Control: Hardware, Software, Both, None Serial Port Protection: 15Kv Electrostatic Discharge Protection (ESD) Local Console Port: RS232 on Serial Port (RJ45) Ethernet Network: Autosensing 1000-base-T / 100-base TX / 10-base T Auto-MDIX Ethernet Isolation: 1.5Kv Magnetic Isolation Antennae (Included): Two multiband swivel-mount dipole antennae - SMA connectors SIM Card slot: Accepts Micro SIM Power Supply Provided: 230V AC to 12vDC Indicators: Power/Ready; Network Link; Network Link activity; Serial: Transmit and Receive data per port; Wireless Link; Wireless Strength. Ingress Protection Rating: IP40 Cellular Data Technologies Supported: Penta Band LTE: 800/900/1800/2100/2600 MHz; FDD-Band (20,8,3,7,1); Tri Band UMTS (WCDMA): 900/1800/2100 MHz; FDD-Band (8,3,1); Dual Band GSM/GPRS/EDGE: 900/1800 MH. Topology Support: - Serial to 4G LTE cellular data networks with fallback</p>	EN61000-3-2; IEC 60950-1; EN 301 908-1

					<p>15.Ethernet: Dual 10/100/1000-base TX Ethernet RJ45 16.Rețea de date: 4G LTE 17.Standard cartelă SIM: Micro SIM 18.Surse de alimentare: 240V, 50Hz 19.Data de fabricare: Actual la data livrării 20.Versiunea de soft: Ultima versiune de software 21.Termeți de garanție: 2 ani, cu suport</p>	<p>networks - HSPA+, UMTS, EDGE and GPRS/GSM - Serial to 10/100/1000-Base-T Ethernet Serial Port Access: - Connect directly using Telnet / SSH by port and IP address - Connect with EasyPort menu by Telnet / SSH - Use an internet browser to access with HTTP or secure HTTPS via EasyPort Web menu - Java-free browser access to remote serial console ports via Telnet and SSH - Ports can be assigned a specific IP address (aliasing) - Multisession capability enables multiple users to access ports simultaneously on 2 and 4 port models - Multihost access enables multiple hosts/servers to share serial ports Accessibility: - In-band (Ethernet) and out-of-band (dial-up modem) support - Dynamic DNS enables users to find a console server from anywhere on the Internet - Domain name control through DHCP option 81 - IPV6 and IPV4 addressing support Availability: Primary/Backup host functionality enables automatic connections to alternate host(s) Security: - SSH v1 and v2 - PCI DSS Compliance: TLS v1.2, TLS v1.1, TLS v1.0, SSL v3.0, SSL v2.0 - SSL Server and SSL client mode capability - SSL Peer authentication - IPsec VPN : NAT Traversal, ESP authentication protocol - SSH ciphers: AES-CTR, AES-GCM and ChaCha20-poly1305 - SSL encryption: AES-GCM, key exchange ECDH-ECDSA, HMAC SHA256, SHA384 - Encryption: AES (256/192/128), 3DES, DES, Blowfish, CAST128, ARCFOUR(RC4), ARCTWO(RC2) - Hashing Algorithms: MD5, SHA-1, RIPEMD160, SHA1-96, and MD5-96 - Key exchange: RSA, EDH-RSA, EDH-DSS, ADH - X.509 Certificate verification: RSA, DSA - Certificate authority (CA) list - Local database - RADIUS Authentication, Authorization and Accounting - TACACS+ Authentication, Authorization and Accounting - LDAP, NIS, Kerberos Authentication - RSA SecureID-agent or via RADIUS Authentication - SNMP v3 Authentication and Encryption support - IP Address filtering - Disable unused daemons - Active Directory via LDAP Terminal Server:Telnet; SSH v1 and v2; Rlogin; Auto session login; LPD, RCP printer; MOTD - Message of the day. Serial machine to Ethernet: - Tunnel raw serial data across Ethernet - clear or encrypted - Raw serial data over TCP/IP - Raw serial data over UDP - Serial data control of packetized data - Share serial ports with multiple hosts/servers - Virtual modem simulates a modem connection - assign IP address by AT phone number - Virtual modem data can be sent over the Ethernet link with or without SSL encryption - TruePort com/tty redirector for serial based applications on Windows, Linux, Solaris, SCO, HP UX, NCR UNIX and AIX. For a complete list of all the latest drivers click here - TrueSerial packet</p>	
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	TOTAL						

Semnat: _____

Numele, Prenumele: Gruzin Artiom

În calitate de: Director

Ofertantul: VM SOLUTIONS SRL

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