

THE BHARAT SCOUTS AND GUIDES

Creating - Better India

भारत स्काउट्स एवं गाइड्स

बेहतर भारत के निर्माण की ओर

National Headquarters

राष्ट्रीय मुख्यालय

Society Registration No. S462 of 1950-1951

President

DR. ANIL KUMAR JAIN, M.P. (RAJYA SABHA) डॉ. अनिल कुगार जैन, सांसद (राज्य समा)

Chief National Commissioner

DR. K.K. KHANDELWAL, I.A.S. (RETD.) डॉ. के.के. खण्डेलवाल, भा.प्र.से. (से.नि)

Ref. No. BSG/NHQ.	D-7-23	525	2022-23	Date:	06-06-2022
То		(
M/S					

Sub: Quotations are Invited for Domain Server with the specifications below.

S. No.	Description	Qty	Remark	Specification to be filled
1	UTP Cat 6 Cable (Box of 305 Mtrs.)	3	Cabling for Wireless	Annexure 1
2	24 Port Jack Panel Cat 6	3	For Existing Cables and Wireless	Annexure 1
3	UTP Cat 6 I/O	12	For Wireless	Annexure 1
4	UTP Cat 6 Patch Cord, 1 Mtr	72	For Existing and Wireless	Annexure 1
5	32U Floor Mount Rack 800mm x 800mm	1	For Mounting Devices and Server	Annexure 2
6	24 Port Layer 2 Semi Managed Switch with 5 Years Extended Warranty	3	For Exisitng and Wireless	Annexure 3
7	Firewall/ UTM with Bundled Subscription License for 5 years	1	Firewall for Internet Security	Annexure 4
8	Remote VPN Device	8	For Connectivity of Remote Locations	Annexure 5
9	Wireless Access Point	12	Wireless AP	Annexure 5
10	Wireless Controller for Upto 25 AP's	1	For AP Control	Annexure 5
11	Server for AD (2x Quad Core, 32GB RAM, 6x4TB HDD, Raid 5, Rack Mountable)	1	Server	
12	4 Bay NAS with 16TB Raw HDD	1	File Storage	Annexure 6
13	Microsoft Windows Server License 2019	1	Microsoft License for Server	NA
14	Microsoft User Cal License	36	Microsoft License for AD	NA

15	Microsoft Windows 10 Professional License	28	Microsoft License for Systems	NA
16	Back Up Software License	36	Auto Backup Software	Annexure 7
17	Server License for DLP with 5 Years	1	Server License for DLP	Annexure 8
18	User License for DLP with 5 Years	36	User License for DLP	Annexure 8
19	1" PVC Conduit	800	Pipe for Wireless Cabling	NA
20	5KVA Online UPS with 30 mins battery back up	1	UPS	
21	One Time Installation	1	Service	NA

We are looking for total IT solution for service at our National Headquarters, Regional Headquarters & other Centers (Kolkata, Bengaluru, Faridabad, Guwahati, Delhi, Noida, Pachmarhi) We are an NGO Certified with 80G certificate. We request you to provide best prices applicable for NGO.

Terms & Conditions

- 1. For details contact: JIT GHOSH 9038934049
- 2. Please mention the lead time for delivery & implementation
- 3. Please share amount along with GST as applicable.
- Quotation shall be addressed to Director, The Bharat Scouts and Guides and should reach to <u>supply@bsgindia.org</u> by 21.06.2022 05.00PM.
- 5. Share quotation along with Installation & after sales support cost if any.
- 6. We reserve the right to consider/reject the quotation without giving any reason.

Yours Sincerely

(Darshana Pawaskar)

Jt. Director (SS)

All passive componnets should be from same		
DEM Should be in India from last 25 Years ar	nd should be register on NSE and BSE	
urn Over of OEM should be More them 500	Cr in last 3 Financial Years.	
Inshielded Twisted Pair Category 6 Cable		Compliance (Yes/No
eatures		
Characteristic	Min. Required Specification	
Features	Category 6 Unshielded Twisted Pair 4 pair should be complied as per ETL Channel	
	verification program for compliance with ANSI/TIA-568.2-D standard and ISO 11801 Class	
	E standards at swept frequencies up to 250MHz	200000000000000000000000000000000000000
Mechanical Characteristics		
Construction:	4 twisted pairs separated by internal X shaped, full separator.	
onductor dia	23 AWG	
nsulation	POLYETHYLENE	
Outer sheath	LSZH GREV- Single sheath	
REP CORD	YES	
sequential meter marking	YES	
emperature Rating	"-20" to +70°C	
iller Required	YES	
Packing	305 Mtrs.	
ow Frequency Electrical Paramere	100,1100	
ONDUCTOR RESISTANCE (DC)	93.8 OHMS/1000 MTR @20 Degree C. MAX.	
ESISTANCE UNBALANCE	5%MAX	
AUTUAL CAPACITANCE	5.6 nF/100 mtrs Max.	THE RESIDENCE OF THE PARTY OF T
APACITANCE UNBALANCE PAIR/GROUND	330PF/100M MAX	
Propagation Delay Skew	536 nS/100M	
Iominal Velocity of Propagation	69%	
harcteristics IMPEDANCE	100±15%0HMS	
TOTAL SECTION AND ADDRESS OF THE PARTY OF TH	100±15%OHMS 45ns/100m	
Worst Case cable skew	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	
PoE compliance:	Meets IEEE 802.3af and IEEE 802.3at for PoE applications	-
at 6 UTP Loaded Patch Panel - 24 port		Compliance (Yes/No
haracteristic	Min. Required Specification	
eatures	Patch Panel made of powder coated steel, in 24 port configurations	
4	Allow for a minimum of 200 re-terminations without signal degradation below standards	
	compliance limit.	
	Have port identification numbers on the front of the panel.	
	Should have self adhesive, clear label holders (transparent plastic window type) and white	
	designation labels with the panel	
	IDC: Suitable for 22-24 AWG stranded and solid wire compatible with both 110 & Krone	
	punch down tools	
	Improved cable management with optional cable management bar	HIII DATE OF STREET
	Category 6 Unshielded Twisted Pair 4 pair should be complied as per ETL Channel	
	verification program for compliance with ANSI/TIA-568.2-D standard	
Mechanical Characteristics	Plastic Housing: PBT+Glass Fiber, UL94V-0 rated	
ack Connector	Operating Life: Minimum 750 insertion cycles	
our connector	Material: Phosher bronze with nickel plated	
	Contact Plating: 50µ" Gold plated on plug contact area	
	Contact Frieding, Soji, Gold places on plog contact area	
DC Connector	Plastic Housing: Polycarbonate, UL94V-2 rated or equivalent	
DC Connector	The state of the s	
	IDC Contact Plating: Phosphor bronze with tin plated	
	Wire Accommodation: 22-24 AWG solid	
	Voltage Rating: 125V AC RMS	
	Contact resistance: 20Milliohms	
	Insulation resistance: 100 MegaOhms @ 500V DC	
at 6 UTP Patch cord		Compliance (Yes/No)
haracteristic	Min. Required Specification	
eatures	Category 6 Equipment cords – 1/2/3/5 Mtr	
	The work area equipment cords shall, at a minimum comply with proposed ANSI/TIA/EIA-	
	568-C.2 Commercial Building Cabling Standards Transmission Performance Specifications	
	for 4 pair Category 6 Cabling	11/2
	Equipped with modular 8-position modular plugs on both ends, wired straight through	
	with standards compliant wiring.	
Aechanical – Cable	Conductor size: 24 -24 AWG stranded bare copper	
	Jacket: Low Smoke	
Mechanical Characteristics – Plug	Operating life: Minimum 750 insertion cycles	
A THE STREET AND A	Contact blade: Copper Alloy	
	Contact plating: 03Mµ" Gold	West of the second
lectrical Characteristics – Plug	Dielectric withstanding Voltage: 1000VDC or 700 VAC	
Commence of the Commence of th	Insulation resistance. >500 MegaOhms @ 1000V DC/min	
		-
	Operating temperature: -10oC to 60oC	
U-45 Plug and Boot Material	Clear Polycoarbonate for RJ-45 And Clear PVC for Boot	
0-45 standards	ISO/IEC 60603-7-4 and FCC 47 part 68	
actory molded Boot	Yes	
	Category 6 Unshielded Twisted Pair 4 pair should be complied as per ETL Channel	
	verification program for compliance with ANSI/TIA-568.2-D standard	
oformation Outlet	verification program for compliance with ANSI/TIA-568.2-D standard Write on labels in transparent plastic window – supplied with plate	Compliance (Yes/No

	Should be able to support variety of Jacks – UTP, STP etc.	
	Category 6 Unshielded Twisted Pair 4 pair should be complied as per ETL Channel	STATE OF THE STATE
	verification program for compliance with ANSI/TIA-568.2-D standard	
	All information outlets for 22-24 AWG copper cable shall:	
	Use insulation displacement connectors (IDC)	
	Allow for a minimum of 200 re-terminations without signal degradation below standards compliance limits.	
insertion force:	20N max	
	Jack Specification:	
Plastic Housing:	Polycarbonate, UL94V-2 rated or equivalent	
Operating Life;	Minimum 750 insertion cycles	
Contact Material:	Phosphor Bronze with nickel plated	
	Contact Plating: 50 plinches gold on plug contact area	
DC:	Housing PC, UL 94 V-2, 568A/B configuration	
Division of the same of the sa	Operating Life: Minimum 200 Re-terminations	
DC Contact Plating:	Phosphor bronze with tin plated	
Operation Temp	:-10 C to 80 C	

Specification	Compliance	Remarks
Depth adjustable mounting slots for verticals provide the better		
mounting flexibility maximizing the usable mounting space		
Precision engineering capabilities and best efficient software configuration product technology provides the best product		
quality and fastest delivery in the industry		
Top and bottom Panel with ventilation and cable entry facility		
Provision to mount the cooling fans on the top panel		
Powder coated finish with pretreatment process meeting all industry standards		
Grounding and Bonding Options		
32U Closed Rack / Width 800 / Depth 800		
Front Door : Lockable Toughened Glass Door		
Rear Door : Steel Door		
Equipment Mounting : DIN Standard 10mm Sq. Slots / Direct M6 Tap		
Mounting Angle: 19" Mounting angles made of formed steel		
Top and Bottom Cover : Welded to Frame, Vented and Field Cable entry exit cut outs		
Mounting Option: Castor wheels (Front 2 wheels with Break and rear without break) Or Levelers Or Base plinth		
Accessories: Doors & Side Panels, Power Distribution Units, Cable Manager, 4 * Fans and Fan Modules, Jacking Feet, 5 * Mounting Hardware, Vertical Power strip with 12 nos of 5/15A sockets (high end).		

Desired Specification/Qualitative Requirement	Compliance (Yes/No)
Switch (Layer 2)	(respire)
Switch Should Support 24 10/100/1000BASE-T PoE , 4 SFP ports and RJ-45 console port. All	_
Gigabit Ethernet ports support IEC 61000-4-5 surge protection (6KV)	
switch should support Operating Temperature -5 to 50 °C (23 to 122 °F)	
Switch Should Support Min. 56 Gbps Switching Capacity and Maximum 64 Byte Packet	
Forwarding Rate is 41.7 MPPS, 16K MAC address table.	
The Switch shall have the intelligence to detect the loop occurring from the unmanaged network segment. Dying Gasp for quick trouble shooting during power failures or system shut downs	
Switch Should Support IEEE 802.3af & at compliance (for PoE ports) and 193W Power Budget.	
Switch Should Support IGMP Snooping v1, v2 and MLD snooping v1/v2	
Switch shall support IEEE 802.1AB Link Layer Discovery Protocol (LLDP) & LLDP-MED.	
Switch Should Support IEEE 802.3az Energy Efficient Ethernet (EEE) Power saving Technology,	
Power Saving by Link Status, Time-based PoE, System hibernation, Port shut off, Cable length	
detection Etc.	
Switch Should Support 4K VLAN ID's, Min 256 static VLAN , Multicast VLAN and Auto Voice &	
Video VLAN	
Switch Should Support Port Mirroring One to one/Many to One,	
Switch should support Quality of Service (QoS), 802.1p, Strict, Weighted Round Robin (WRR),	
Bandwidth Control.	
Switch Should Support IP interfaces, Static routing for inter-VLAN Communication	
Switch should support Access Control List (ACL), Port Base, MAC Base, IP Based, L2 & L3 ACL (IPv4	
and IPv6) ITU-T G.8032 ERPS sub-50 ms protection and recovery	
Switch Should Support Security Features like Broadcast/Multicast/Unicast Storm Control, Traffic	
segmentation, TLS, DoS attack prevention, 802.1X Port-based Access Control , Port Security, ARP	
Spoofing Prevention, DHCP Server Screening, IP-MAC-Port Binding, ARP Inspection, DHCP	
Snooping.	
Switch Should Support 802.1X Authentication local/RADIUS database (IPv4 & IPv6), port-based	
access control, EAP, OTP, TLS, TTLS, PEAP and Support MD5 authentication	
Switch Should Support features Cable diagnostics, IPv4 & IPv6 Inspection, SSH v2 feature, 802.3x	
Flow Control and HOL Blocking Prevention	
Switch Should Support Management thru Web-based and CLI.	
Switch Should Support SNMP v1/v2c/v3, SNTP, ICMP v6, IPv4/v6 Dual Stack, Dual image, Dual	THE INC.
configuration	Company of the same of the sam
Switch should have EMI CERTIFICATE as per EN/FCC/IC/CE.	
Switch should have SAFETY CERTIFICATE as per UL/ IEC/EN 60950	
Switch should be supplied with the all necessary components like Power supply, Power cord,	
Console Cable, Rack-mount kit, Installation Guide, etc. and necessary software image file to fulfil	
all above mention feature set from day 1.	

	 Firewall should block attacks such as DNS cache poisoning, FTP bounce, improper commands. 	
	Security	
Security	 Protects HTTP, HTTPS, FTP, POP3, POP3S, IMAP, IMAPS, SMTPS and SMTP. Pattern-based spyware blocking at the gateway. Centralized, daily updates, automatic and manual updates or offline update. Advance Threat Protection should have Inst ant identification and immediate response to today's most sophisticated attacks. Multi -layered protection identifies threats instantly 	
	APPLICATION CONTROL	8056
APPLICATION CONTROL	 Firewall should have feature to identify, allow, block or limit usage of applications beyond ports and protocols. Firewall should provide protection against Block potentially unwanted Applications Application signature database of 3000+ Applications for Application Control 	
API Support	 The solution Should support API for 3rd party integration The API has option to add, update, or delete configurations. The API should have option to add or update policies for IPS, Web filter, Application filter The solution API should have option to Manage physical interfaces and view Port wise Network and Zone details The Solution API should have option to update Gateway details. routes traffic between networks. The Solution API should have option to add or delete route. 	
Central Management and Reporting	The Central Management Solution should support manage all Firewall policies and configuration from a single console The Central Management solution should have option to manage backup, schedule Firmware update for any date/time	
License	 Five Year Subscription license for Firewall, Advanced Threat Protection (ATP), Prevention System (IPS), Anti-malware, Zero day threat protection , Web and App visibility, control, and protection, 24x7 support, security and software updates, adv. exchange warranty for the period of licenses. License period will be counted after activation. 	
MAF	Manufacturing authorization certificate valid for this specific enquiry should be enclosed.	

OEM criteria	Compliance	Remark
 Proposed solution should have ISO 9001:2015 certification OEM should have 24*7*365 via email, phone and remote assistance with support centre in India Appliance should be Make In India products .Preference shall be given to Class 1 local supplier as defined in public procurement (Preference to Make in India) 	Y	
 Must have a 64-bit hardware platform & based on Multi-Core Architecture with Optimization for excellent throughput for all your key processes. The Proposed solution should have option for visibility into encrypted traffic flows, support for TLS 1.3 without downgrading the performance. The device should be having security functions like Firewall, VPN (IPsec Site to Site &SSL Client VPN), Gateway level antivirus, Category based web and application filtering, Intrusion prevention system, Traffic shaping, DoS/DDoS. Solution should offer with Central management solution with option to manage multiple firewalls from day one. Multiple WAN link balancing multiple Internet connections, auto- link health check, automatic failover, automatic and weighted balancing, and granular multipath rules, should support more than 		HADAGARAI
Firewall must be supplied with minimum 8 nos. of 10/100/1000 GbE copper and 1 GbE SFP ports		
 Support a minimum of 1024 VLANs. Built in storage capacity of integrated Minimum 50 GB for Logs and reports The Proposed solution should have Min 2GB of RAM/Memory or higher to handle network traffic volumes. Should have option for LAN bypass in case hardware fails network should pass without interruption. Firewall should block attacks such as DoS, IP/ICMP/TCP-related. Encryption support of AES 128-256 bit, 3DES 56-168 bit. Proposed solution should have authentication agents for client OS platform Supporting on Windows, MAC, Linux, mobile devices platforms. May also support clientless authentication Local, Active Directory, LDAP Server, RADIUS, TACACS+, eDirectory and Kerberos authentication methods. 		
	 Proposed solution should have ISO 9001:2015 certification OEM should have 24*7*365 via email, phone and remote assistance with support centre in India Appliance should be Make In India products .Preference shall be given to Class 1 local supplier as defined in public procurement (Preference to Make in India) Must have a 64-bit hardware platform & based on Multi-Core Architecture with Optimization for excellent throughput for all your key processes. The Proposed solution should have option for visibility into encrypted traffic flows, support for TLS 1.3 without downgrading the performance. The device should be having security functions like Firewall, VPN (IPsec Site to Site &SSL Client VPN), Gateway level antivirus, Category based web and application filtering. Intrusion prevention system, Traffic shaping, DoS/DDoS. Solution should offer with Central management solution with option to manage multiple firewalls from day one. Multiple WAN link balancing multiple Internet connections, autolink health check, automatic failover, automatic and weighted balancing, and granular multipath rules, should support more than two ISP. Firewall must be supplied with minimum 8 nos. of 10/100/1000 GbE copper and 1 GbE SFP ports Support a minimum of 1024 VLANs. Built in storage capacity of integrated Minimum 50 GB for Logs and reports The Proposed solution should have Min 2GB of RAM/Memory or higher to handle network traffic volumes. Should have option for LAN bypass in case hardware fails network should pass without interruption. Firewall should block attacks such as DoS, IP/ ICMP/ TCP-related. Encryption support of AES 128-256 bit, 3DES 56-168 bit. Proposed solution should have authentication agents for client OS platform Supporting on Windows, MAC, Linux, mobile devices platforms. May also support clientless au	 Proposed solution should have ISO 9001:2015 certification OEM should have 24*7*365 via email, phone and remote assistance with support centre in India Appliance should be Make in India products. Preference shall be given to Class 1 local supplier as defined in public procurement (Preference to Make in India) Must have a 64-bit hardware platform & based on Multi-Core Architecture with Optimization for excellent throughput for all your key processes. The Proposed solution should have option for visibility into encrypted traffic flows, support for TLS 1.3 without downgrading the performance. The device should be having security functions like Firewall, VPN (IPsec Site to Site &SSL Client VPN), Gateway level antivirus, Category based web and application filtering, Intrusion prevention system, Traffic shaping, Dos/Dos. Solution should offer with Central management solution with option to manage multiple firewalls from day one. Multiple WAN link balancing multiple Internet connections, autolink health check, automatic failover, automatic and weighted balancing, and granular multipath rules, should support more than two ISP. Firewall must be supplied with minimum 8 nos. of 10/100/1000 GbE copper and 1 GbE SFP ports Support a minimum of 1024 VLANs. Built in storage capacity of integrated Minimum 50 GB for Logs and reports The Proposed solution should have Min 2GB of RAM/Memory or higher to handle network traffic volumes. Should have option for LAN bypass in case hardware falls network should pass without interruption. Firewall should block attacks such as Dos, IP/ ICMP/ TCP-related. Encryption support of AES 128-256 bit, 3DES 56-168 bit. Proposed solution should have authentication agents for client Os platform Supporting on Windows, MAC, Linux, mobile devices platforms. May also support c

PERFORMANCE	 Firewall must support at least 6,000,000 concurrent connections. Firewall must support at least 70,000new sessions per second processing. Firewall should support up to 4 Gbps of Firewall IMIX throughput. Firewall should support integrated IPS throughputs of minimum 3 Gbps. Firewall should have a minimum Firewall throughput of 7 Gbps. Firewall should have a minimum Threat Protection throughput 800 Mbps. Firewall should support the standard Layer 3 mode of configuration with Interface IPs. It should be possible to protect the firewall policies from being compromised. Firewall must provide filtering capability that includes parameters like source addresses, destination addresses, source and destination port numbers, protocol type. Firewall should be able to filter traffic even if the packets are fragmented. All known internet-based applications should be supported for filtering; like Telnet, FTP, SMTP, HTTP, DNS, ICM P, DHCP, ARP, etc. Firewall should support SSL inspection over HTTPS Firewall should support CLI and GUI based access to the firewall modules. FIREWALL LOGGING, STATISTICS AND REPORTING Firewall must provide at a minimum basic statistic about the health of the firewall and the amount of traffic traversing the firewall. Firewall should have support to log (In detail) all connections which are blocked or pass through the firewall. Firewall should have support to generate performance statistics on real-time basis. Firewall should have application-based and user-based logs. Firewall should have application-based and user-based logs. 	
	 Firewall should support minimum of at least 70+ predefined categories. Should have flexibility to create network, user, Web and app-based traffic shaping (QoS) policy. Blacklist and White listing based on IPs and URLs. 	
URL FILTERING	 Exceptions based on network objects defined. Notification of custom messages or URL redirection. INTRUSION PREVENTION IPS should protect for 5000+ Signatures database. Firewall should block attacks such as DoS- SYN, IP/ICMP/TCP/UDP related attacks. Solution should have IPS deep packet inspection engine with an option to select IPS patterns which cab ne applied firewall rule for better protection and should have option to create custom signature 	



		Compliance (Yes/No)	Remarks
General Features	 Appliance based hardware device with Plug and play mode Proposed solution should be managed from HO firewall Proposed solution should have minimum throughput of 250 Mbps Proposed solution must have 4 x 10/100/1000 Base-TX (1 GbE Copper) LAN interface Proposed solution must have 1 x 10/100/1000 Base-TX (shared with SFP) WAN interface Proposed solution must have optional bay for wi-fi or dongle connectivity. Proposed solution Must have optional 2nd power supply 		
License	Five Year perpetual license for device replacement in case device gets faulty.		

IEEE 802.11b/g/n/ac/ax, 11ax 1800, PoE (802.3at) Access Point	Compliance (Yes/No
The Access Point should be compliant with IEEE 802.3ab, IEEE 802.3u, IEEE 802.3az	Maria Managa
IEEE 802.11a/b/g/n/ac/ax Wave 2 wireless interface	Joonnia adi/II
The Access Point support WPA/WPA2/WPA3™ Personal/Enterprise, WEP	Controller step
64/128-bit, SSID broadcast disable, MAC address access control, internal RADIUS	acti of pateon
server	
The Access point should support MU-MIMO slices through congestion, reducing	CO COLUMNICAL
wait time for all users, Support Wi-Fi 6 delivers greater network efficiency and	helly spewmen
lower latency, with nearly four times the capacity of previous Wi-Fi standards	tol differences
The Access Point should be compliant with IEEE 802.3af and 802.3at for providing	
PoE based power	(Controlled the
The Access point should support Band Steering makes sure connected devices get the best available frequency band	ALINE RECORDED
Interface and antenna	disse Segistaril
Minimum 2 x dual-band internal antennas 3.2 dBi antenna for 2.4 Ghz & Internal 4.3 dBi antenna for 5 Ghz	rialis interests
Support 2.4 - 2.483 GHz, 5.15 - 5.35 GHz, 5.47 - 5.85 GHz	Tonaula National
Access Point should provide Maximum Output Power - 23 dBm in 2.4 GHz band &	mista ysacneri
26 dBm 5 GHz band:	tive recould been
Access Point should support Up to 1800 Mbps	of avert blockers
Access point must have 1 x RJ45 console port for Debugging, 1 x 10/100/1000	
Ethernet (PoE) LAN, factory reset, power input	recove blood)
The AP should support Software controller and Hardware controller of same OEM	to dible book
Last to the control of the control of the control of the section of the	hogges bloods)
The Access Point should have option for inbuilt IOS feature to manage group of Access point without any software	oda mineranca
The Access point should support SNMP v1, v2c, v3	THE RESERVE THE PERSON NAMED IN
The Access point should have support for Other Features Fast Roaming Support	
with 802.11k, 802.11v, and 802.11r and Passpoint Hotspot 2.0 Support	atamah
WPA-Personal, WPA-Enterprise, WPA2-Personal, WPA2-Enterprise, WEP 64/128-	
bit encryption, SSID broadcast disable, MAC address access control, Network	monus bluesta
Access Protection (NAP),ARP spoofing prevention, WLAN partition	R:noilsottine3
The Access point support Local/POP3/RADIUS/PassCode/LDAP authentication for	
captive portal	
The Access point should have built-in internal RADIUS server allowing users to create their accounts within the device itself	
Telnet, Secure Telnet (SSH), Web (HTTP), Secure Socket Layer (SSL), Traffic control,	
SNMP v1/v2c/v3	
Temperature • Operating: 0 to 40°C (32 to 104°F) • Storage: -20 to 65°C (-4 to 149°F)	
The AP should be supplied with Wall and ceiling mounting bracket	
The Access Point should have option for inbuilt IOS feature to manage group of	
Access point without any software	
The Access Point can work multiple operation modes: Access Point, Wireless	
Distribution System (WDS) with Access Point, WDS/Bridge (No AP Broadcasting), and Wireless Client.	
Wireless Controller	All controls
Make and Model	
Controller should Device Interfaces:- Gigabit LAN, USB 3.0, SD Slot, Factory Reset	
Button and Console Port	
NAT pass through by using https agent (Can manage multiple APs behind NAT	
to a sering and	

Provide access points information such as status, IP address, MAC address,	
channel, network, firmware version, model nameetc.	AGN 高江田保水路。
Provide wireless client information such as IP address, MAC address, authentica type, channel, associated SSIDetc.	tion
Controller should view, create and configure logical sites and networks that are related to the physical locations of the wireless devices in the network.	ta Califu arrivar
Bandwidth Optimization, Configure the bandwidth settings for access points in to network, Allocate average bandwidth for each client, Allocate specific bandwidth for this SSID, Allocate the maximum bandwidth for each station, Allocate different bandwidth for 11a/b/g/n stations	h ill and made and
Controller should Upload SSL certificate of network Aps.	
Captive portal: AP supports internal DB, remote radius, POP3, MAC address and passcode authentication, Payment gateway, Captive portal page customization, Hotspot printing and External captive portal	1 10 10 10 10 10 10 10 10 10 10 10 10 10
Controller should be capable of managing up to 100 Access Points (APs) without licensing charges.	C. C
Should support Wireless LAN Management Features like AP grouping, Multi- tenancy, Visualized topology, NAT pass-through, AP discovery (layer 2 and layer 3 and Report system.	-4-0200 2 000000000000000000000000000000
Should have Multiple SSID with VLAN, Captive portal with multiple SSID and VLAN	e ning years
Should support features Band steering, Airtime Fairness, Auto RF management, Bandwidth optimization and Client access control	A FALSON
Should support Rate limiting and bandwidth control for guest and hotspot portal.	leil
Controller should support Auto Channel, Output Power Control, Self-healing arour failed Aps in RF Management and Control.	nd
Should support Band steering, L2 roaming, Bandwidth optimization and Airtime fairness.	
Controller should have Web-based user interface (HTTPS) for easy management.	
Should support Scheduling in Firmware update and Configuration update.	R Janonon-America
Certification: RoHS, Emission (EMI) - CE, FCC, IC and BSMI:- Safety - CE/ LVD, UL	Notice of Profession



SPECIFICATION FOR NAS (NETWORK ATTACHED STORAGE	Compliance (Yes/No)
Dimensions should be DxWxH (mm): 22 x 133 x 204 or above	
Number of Bays should be 4 Bays or more	
Maximum Capacity : Up to 48TB of storage	
Processor : Quad core 1.4GHz High Performance ARM Cortex A15 or better	
Memory : 2GB RAM or more	
Drive Types Supported : SATA/SSD 2.5" or 3.5"	
Faster file backups and access up to 200MBps read and 160MBps write speeds	
HD 1080p streaming and real-time transcoding to any device, anywhere	
Link aggregation for 2x the performance	
Perfect for streaming and data backup for multiple users	
High performance anti-virus with near-0 throughput loss	
Advanced BTRFS file system	
Desktop app for complete file syncing and automatic backup	
Hot Swappable Drives : Yes	
eSATA Port for Additional Storage : 1 Port or more	
LAN Ports: 2 Gigabit Ethernet LAN ports or more	
USB Ports : (3) USB 3.0 ports or more	
Should have 16TB RAW space from Day 1	
Should support Raid from Day 1	



R.NO.	SPECIFICATION	Compliance
	The proposed backup solution should be available in a single	and an industrial
1	management console on various OS platforms such as	
	Windows, Linux and MAC	CONTRACTOR OF THE PROPERTY OF
2	The proposed backup solution shall have same GUI across	
2	heterogeneous platforms to ensure easy administration.	THE CHARLEST WITH
3	The proposed backup solution has in-built frequency and calendar	
-	based scheduling system.	on the court of th
	The proposed backup solution should be certified "hot-online" backup	
	solution for different type of Enterprise databases and applications. It	
4	should have a supported integration minimum with latest versions of	
	MSSQL Database , Oracle Database. Application aware backup	
	license should not be separate from base agent license.	
	The proposed backup solution shall also support granular recovery	
5	for Vmware , Exchange server, Share point. For Virtual environment	
0	VM license should be unlimited including application aware backup.	
6	The proposed backup solution shall also support SAN backup	The second second
7	The proposed backup solution shall also support NAS backup	
	The proposed backup software should give the option to allow de	
8	duplication to be done either on the Application Server or on the	
	Backup Server or at the Target Device. The backup software should support backup to cloud. Vendor Cloud	
9	or any 3rd party cloud like AWS, Azure, Google etc	
	The proposed backup solution shall support synthetic full backup /	
10	Virtual full backups.	
	The proposed backup solution shall be able to copy data across	
11	firewall.	
12	The proposed backup solution shall support for write protect or	
12	restore protect on file level or folder level, etc	
13	The proposed backup solution shall support File and Folder level	
	backup & restore feature	
14	The proposed backup solution shall support file name or folder name	
	or host name wise sort	
4.5	The proposed backup solution must support at least AES 256-bit encryption capabilities. Encryption should be at both level like	
15		
	Intransit and Storage The proposed backup solution should have blockchain technology for	
16	files authentication. If files gets changed by anyone that should be	
SEE /	trackable.	
17	The backup software should support missed job execution	
	The Backup software should be able to recover only critical volumes	
18	and later restore other volumes that were backed up in separate	
(225)	sessions.	
19	The backup software should support the Cold replication functionality	
	The proposed backup solution must support monitoring & reporting	
20	methods while backing-up and restoring	
04	The proposed solution must work in backup from Physical image to	
21	Virtual image or vise versa	
22	The proposed solution must work with both AD and workgroup	
22	systems for client backups	
23	Compressed mechanism for security like 128bit or mentioned if any	
23	other	
24	The proposed solution must work with Backup policies pertaining to	
	retension period defination as per organization policies	

25	The proposed solution should have inbuilt Anti Ransomware protection for live system as well as backed up data and map drive for endpoints. Also it should be capable to revert back any ransomeware infected file to original stage	un van men apartum
26	The proposed solution should have inbuilt Cryptomining protection for live system.	uksid basi koti et il
27	The proposed solution should not replicate entire storage or backed up data. It should have provision to select specific date for off host backup processing.	in er cerular erri er riv destate belief

Product Capabilities

Proposed Solution should be able to identify Sensitive Data using Sensitive Keyword based	Compliance (Yes/No
markers	Direction to the company
Proposed Solution should be able to identify Sensitive Data using Pattern/Regex based	
markers	Proposed Bold
Proposed Solution should be able to identify Sensitive Data using Unstructured Fingerprinted	ME NI SERVICE
Data based markers	turne basecond
Proposed Solution should be able to identify Sensitive Data using file types and file attributes-	248519707
based markers	Mid Decouver
Proposed Solution should be able to block data transfer via devices (USB drives, MTP,	SIDE TRACTORY
Printers, CD/DVD, Bluetooth Connected devices etc)	Spinoren
Proposed Solution should be able to prevent Data Loss via devices (USB drives, Printers,	CHILD CHILD STATE
CD/DVD) using content identification	
Proposed Solution should be able to prevent Data Loss via restricted enforce encryption of	
USB storage devices	WIDO DIESTADITY
Proposed Solution should be able to identify and whitelist LICD stands of the feet of	
Proposed Solution should be able to identify and whitelist USB storage devices for internal use Proposed Solution should be able to allow USB storage devices to be used in 'Read-Only'	
Mode	
Proposed Solution should be able to Monitor, Shadow Log and Block all SMTP outbound traffic	
via email clients (Outlook, Thunderbird, Outlook express, etc.)	Lace Deposit 1
Proposed Solution should be able to Monitor, Shadow Log and Block all Webmail outbound	
raffic via browsers (Outlook Web, O365, Gsuite)	
Proposed Solution's Monitoring and shadow logging scope should extend to Fields 'From, To,	HOLD BUTTON
CC, BCC, Subject, Message Body and Attachment'	Jent Day Their
Proposed Solution should be able to Block SMTP and Webmail based on Whitelisted or	COLONS DE LA COLON
Blacklisted Domains or Email Addresses (Sender domain)	
Proposed Solution should be able to Block SMTP and Webmail based on Whitelisted or	AND DOSE DIST
Blacklisted File Types	CEST ENGINEERS
Proposed Solution should be able to Block SMTP and Webmail based attachments on	Statute Management
Whitelisted or Blacklisted File Attributes (Password Protection / Data Classification Meta Tags	REGISTER THORSES
etc)	Harris rossic)
Proposed Solution should be able to Block SMTP and Webmail based on Whitelisted or Blacklisted File Names & extension	
	CONTRACTOR OF THE PARTY OF THE
Proposed Solution should be able to Block SMTP and Webmail based on inspection and	A SECTION AND ADDRESS OF THE PARTY OF THE PA
dentification of sensitive content in Subject, Message Body and Attachment Proposed Solution should also support for Agent-less Gateway based protocol capable of	The second second
performing able to Block email based on inspection and identification of sensitive content in	and either late
Subject, Message Body and Attachment for users accessing corporate emails via personal /	Most ellower
alien devices	
Proposed Solution should be able to Monitor, Shadow Log and Block all File Uploads and	RECENSION OF THE
HTTP POST/PUT content from Browsers.	Illot passon (F)
Proposed Solution should be able to Block Web File Uploads based on Whitelisted or	TELES OF EUROPE
Blacklisted Domains or Email Addresses (Sender domain)	Market Reserved
Proposed Solution should be able to Block Web File Uploads based on Whitelisted or	
Blacklisted File Types	NOS REPORTE
Proposed Solution should be able to Block Web File Uploads based on Whitelisted or	STATES OF PARTY.
Blacklisted File Attributes (Password Protection / Data Classification Meta Tags etc)	. acremental
Proposed Solution should be able to Block Web File Uploads based on Whitelisted or	HEROENSKI OF ST
Blacklisted File Names	PART AND TENDES
Proposed Solution should be able to block Web File Uploads based on inspection and	
dentification of sensitive content inside files	
Proposed Solution should be able to generate alert for Web Uploads based on inspection and	
dentification of sensitive content inside HTTP POST/PUT content in browsers	
Proposed Solution should be able to Monitor, Log and Block all Application Network Activity Proposed Solution should be able to Monitor, Shadow Log and generate alerts for Application	

Once deployed Proceed & Co.	
Once deployed Proposed Solution should be able to Scan, Inventories, Categorise and List	all I
identification of any rogue applications	
Proposed solution should be able to block all rogue applications from making a network	
connection by way of an essential application whitelisting method	
reposed solution should be able to Sandhov applications to metal it	the particular and the
network connections to specified destination IPs or URLs	
reposed solution should be able to Bypass specified applications (as C	an Little Assets
reposed solution should be able to Bypass I nos and Shadow Look beand an arrive to	
	Mark the State of
Proposed Solution should be able to Monitor, Log and Block all Browser/URL Activities	S ARTICLE THE
Proposed Solution should support pre-defined and categorised Web/URL list as per industry	Carrier des V
	AND THE DESTRUCTION OF THE
Proposed Solution should support Additions, Changes, Removals or Customisation of Web	
Categorisation Lists	CO COS CONSTRUCTOR
Proposed System Should Support creation of Custom Web Categorisation Lists	Of the last of the same of the
Proposed Solution Should enable blocking or ellevides (MV) deeportsation Lists	S III II DESCRIPTION
Proposed Solution Should enable blocking or allowing of Web/URLs/IPs based on Whitelisting or Blacklisting approaches	9 0 1110000
	Company of the contract of the
Proposed solution should be able to Bypass specified URLs/IPs (eg; Core systems etc), to	OF BUILDING STATES
THE RESERVE OF THE PROPERTY OF	
Proposed Solution should have the ability to run endpoint Data-at-Rest scans and Data Discovery	
Proposed Solution should have the ability to inspect content using Optical Character	
reasognition (GON)	
Insider Threat Management	V POSE STATE OF THE PARTY OF TH
Toposed Solution should have the ability to identify Lieuway	Principle of the Control of the Cont
of Data Theft, Productivity Loss, IT Misuse, Financial Loss, Operational Loss, Opera	
of Data Theft, Productivity Loss, IT Misuse, Financial Loss, Operational Loss, Inappropriate Employee Behaviour and Cyber Security Risks. Proposed Solution should have the ability to identify User malicious activities and behavioral anomalies across channels of Application Activity, Application File Applicatio	
Proposed Solution should have the ability to identify User malicious activities across avenues of Data Theft, Productivity Loss, IT Misuse, Financial Loss, Operational Loss, Inappropriate Employee Behaviour and Cyber Security Risks. Proposed Solution should have the ability to identify User malicious activities and behavioral anomalies across channels of Application Activity, Application File Access Activity, Browser Activity, User Activity Time Tracking, CD/DVD Activity, Data At Rest Activity, File Upload Activity (Web and FTP). Gmail and OWA activity. Network File Channel (In Channel Control of	
Proposed Solution should have the ability to identify User malicious activities across avenues of Data Theft, Productivity Loss, IT Misuse, Financial Loss, Operational Loss, Inappropriate Employee Behaviour and Cyber Security Risks. Proposed Solution should have the ability to identify User malicious activities and behavioral anomalies across channels of Application Activity, Application File Access Activity, Browser Activity, User Activity Time Tracking, CD/DVD Activity, Data At Rest Activity, File Upload Activity (Web and FTP), Gmail and OWA activity, Network File Share Activity, Printer Activity, Search Activity, SMTP Activity, Secure Email Gateway Activity, USB activity	
Proposed Solution should have the ability to identify User malicious activities across avenues of Data Theft, Productivity Loss, IT Misuse, Financial Loss, Operational Loss, Inappropriate Employee Behaviour and Cyber Security Risks. Proposed Solution should have the ability to identify User malicious activities and behavioral anomalies across channels of Application Activity, Application File Access Activity, Browser Activity, User Activity Time Tracking, CD/DVD Activity, Data At Rest Activity, File Upload Activity (Web and FTP), Gmail and OWA activity, Network File Share Activity, Printer Activity, Search Activity, SMTP Activity, Secure Email Gateway Activity, USB activity Proposed Solution should have a highly customisable locident sile acceptance.	
Proposed Solution should have the ability to identify User malicious activities across avenues of Data Theft, Productivity Loss, IT Misuse, Financial Loss, Operational Loss, Inappropriate Employee Behaviour and Cyber Security Risks. Proposed Solution should have the ability to identify User malicious activities and behavioral anomalies across channels of Application Activity, Application File Access Activity, Browser Activity, User Activity Time Tracking, CD/DVD Activity, Data At Rest Activity, File Upload Activity (Web and FTP), Gmail and OWA activity, Network File Share Activity, Printer Activity, Search Activity, SMTP Activity, Secure Email Gateway Activity, USB activity Proposed Solution should have a highly customisable Incident rule creation interface, with the bility to add multiple parameters of triggers behind each in the creation interface, with the	
Proposed Solution should have the ability to identify User malicious activities across avenues of Data Theft, Productivity Loss, IT Misuse, Financial Loss, Operational Loss, Inappropriate Employee Behaviour and Cyber Security Risks. Proposed Solution should have the ability to identify User malicious activities and behavioral anomalies across channels of Application Activity, Application File Access Activity, Browser Activity, User Activity Time Tracking, CD/DVD Activity, Data At Rest Activity, File Upload Search Activity, Gmail and OWA activity, Network File Share Activity, Printer Activity, Search Activity, SMTP Activity, Secure Email Gateway Activity, USB activity Proposed Solution should have a highly customisable Incident rule creation interface, with the proposed Solution should have a highly customisable Incident for minimising false positives reposed Solution should have a highly customisable Incident for minimising false positives	
Proposed Solution should have the ability to identify User malicious activities across avenues of Data Theft, Productivity Loss, IT Misuse, Financial Loss, Operational Loss, Inappropriate Employee Behaviour and Cyber Security Risks. Proposed Solution should have the ability to identify User malicious activities and behavioral anomalies across channels of Application Activity, Application File Access Activity, Browser Activity, User Activity Time Tracking, CD/DVD Activity, Data At Rest Activity, File Upload Search Activity, Gmail and OWA activity, Network File Share Activity, Printer Activity, Search Activity, SMTP Activity, Secure Email Gateway Activity, USB activity Proposed Solution should have a highly customisable Incident rule creation interface, with the proposed Solution should have a highly customisable Incident for minimising false positives reposed Solution should have a highly customisable Incident for minimising false positives	
Proposed Solution should have the ability to identify User malicious activities across avenues of Data Theft, Productivity Loss, IT Misuse, Financial Loss, Operational Loss, Inappropriate Employee Behaviour and Cyber Security Risks. Proposed Solution should have the ability to identify User malicious activities and behavioral anomalies across channels of Application Activity, Application File Access Activity, Browser Activity, User Activity Time Tracking, CD/DVD Activity, Data At Rest Activity, File Upload Activity (Web and FTP), Gmail and OWA activity, Network File Share Activity, Printer Activity, Search Activity, SMTP Activity, Secure Email Gateway Activity, USB activity Proposed Solution should have a highly customisable Incident rule creation interface, with the proposed Solution should have a highly customisable Incident rule creation interface, that	
Toposed Solution should have the ability to identify User malicious activities across avenues of Data Theft, Productivity Loss, IT Misuse, Financial Loss, Operational Loss, Inappropriate Employee Behaviour and Cyber Security Risks. Proposed Solution should have the ability to identify User malicious activities and behavioral anomalies across channels of Application Activity, Application File Access Activity, Browser Activity, User Activity Time Tracking, CD/DVD Activity, Data At Rest Activity, File Upload Activity (Web and FTP), Gmail and OWA activity, Network File Share Activity, Printer Activity, Search Activity, SMTP Activity, Secure Email Gateway Activity, USB activity Proposed Solution should have a highly customisable Incident rule creation interface, with the bility to add multiple parameters of triggers behind each incident for minimising false positives roposed Solution should have a highly customisable Incident rule creation interface, that lillows for each incident to be tagged to avenues of impact (Data Loss Potential, IT Misuse to), while being able to assign a High / Medium / Low reposition to be leaded to assign a High / Medium / Low reposition to be leaded to assign a High / Medium / Low reposition to be leaded to assign a High / Medium / Low reposition to be leaded to assign a High / Medium / Low reposition to be leaded to assign a High / Medium / Low reposition to be leaded to assign a High / Medium / Low reposition to be leaded to a second to the leaded to a second to the leaded to a second to the leaded to th	
Toposed Solution should have the ability to identify User malicious activities across avenues of Data Theft, Productivity Loss, IT Misuse, Financial Loss, Operational Loss, Inappropriate Employee Behaviour and Cyber Security Risks. Proposed Solution should have the ability to identify User malicious activities and behavioral anomalies across channels of Application Activity, Application File Access Activity, Browser Activity, User Activity Time Tracking, CD/DVD Activity, Data At Rest Activity, File Upload Activity (Web and FTP), Gmail and OWA activity, Network File Share Activity, Printer Activity, Search Activity, SMTP Activity, Secure Email Gateway Activity, USB activity Proposed Solution should have a highly customisable Incident rule creation interface, with the bility to add multiple parameters of triggers behind each incident for minimising false positives roposed Solution should have a highly customisable Incident rule creation interface, that lillows for each incident to be tagged to avenues of impact (Data Loss Potential, IT Misuse to), while being able to assign a High / Medium / Low reposition to be leaded to assign a High / Medium / Low reposition to be leaded to assign a High / Medium / Low reposition to be leaded to assign a High / Medium / Low reposition to be leaded to assign a High / Medium / Low reposition to be leaded to assign a High / Medium / Low reposition to be leaded to assign a High / Medium / Low reposition to be leaded to a second to the leaded to a second to the leaded to a second to the leaded to th	
of Data Theft, Productivity Loss, IT Misuse, Financial Loss, Operational Loss, Inappropriate Employee Behaviour and Cyber Security Risks. Proposed Solution should have the ability to identify User malicious activities and behavioral anomalies across channels of Application Activity, Application File Access Activity, Browser Activity, User Activity Time Tracking, CD/DVD Activity, Data At Rest Activity, File Upload Activity (Web and FTP), Gmail and OWA activity, Network File Share Activity, Printer Activity, Bearch Activity, SMTP Activity, Secure Email Gateway Activity, USB activity Proposed Solution should have a highly customisable Incident rule creation interface, with the bility to add multiple parameters of triggers behind each incident for minimising false positives proposed Solution should have a highly customisable Incident rule creation interface; that allows for each incident to be tagged to avenues of impact (Data Loss Potential, IT Misuse to), while being able to assign a High / Medium / Low severity for the Incident or Violation	
Proposed Solution should have the ability to identify User malicious activities across avenues of Data Theft, Productivity Loss, IT Misuse, Financial Loss, Operational Loss, Inappropriate Employee Behaviour and Cyber Security Risks. Proposed Solution should have the ability to identify User malicious activities and behavioral anomalies across channels of Application Activity, Application File Access Activity, Browser activity, User Activity Time Tracking, CD/DVD Activity, Data At Rest Activity, File Upload activity (Web and FTP), Gmail and OWA activity, Network File Share Activity, Printer Activity, Search Activity, SMTP Activity, Secure Email Gateway Activity, USB activity Proposed Solution should have a highly customisable Incident rule creation interface, with the bility to add multiple parameters of triggers behind each incident for minimising false positives roposed Solution should have a highly customisable Incident rule creation interface, that allows for each incident to be tagged to avenues of impact (Data Loss Potential, IT Misuse activity, while being able to assign a High / Medium / Low severity for the Incident roposed Solution should have Dashboard Notifications for each Incident or Violation roposed Solution should have the ability to automate Email Alacter for the Incident or Violation roposed Solution should have the ability to automate Email Alacter for the Incident or Violation roposed Solution should have the ability to automate Email Alacter for the Incident or Violation roposed Solution should have the ability to automate Email Alacter for the Incident or Violation roposed Solution should have the ability to automate Email Alacter for the Incident or Violation roposed Solution should have the ability to automate Email Alacter for the Incident or Violation roposed Solution should have the ability to automate Email Alacter for the Incident or Violation roposed Solution should have the ability to automate Email Alacter for the Incident or Violation and Incident or Violation and Incident or	
Proposed Solution should have the ability to identify User malicious activities across avenues of Data Theft, Productivity Loss, IT Misuse, Financial Loss, Operational Loss, Inappropriate Employee Behaviour and Cyber Security Risks. Proposed Solution should have the ability to identify User malicious activities and behavioral anomalies across channels of Application Activity, Application File Access Activity, Browser Activity, User Activity Time Tracking, CD/DVD Activity, Data At Rest Activity, File Upload Activity (Web and FTP), Gmail and OWA activity, Network File Share Activity, Printer Activity, Search Activity, SMTP Activity, Secure Email Gateway Activity, USB activity Proposed Solution should have a highly customisable Incident rule creation interface, with the bility to add multiple parameters of triggers behind each incident for minimising false positives roposed Solution should have a highly customisable Incident rule creation interface, that allows for each incident to be tagged to avenues of impact (Data Loss Potential, IT Misuse Itc), while being able to assign a High / Medium / Low severity for the Incident reposed Solution should have Dashboard Notifications for each Incident or Violation reposed Solution should have the ability to automate Email Alerts for each incident real time reposed Solution should have the ability to automate Email Alerts for Polity Symptomics.	
Proposed Solution should have the ability to identify User malicious activities across avenues of Data Theft, Productivity Loss, IT Misuse, Financial Loss, Operational Loss, Inappropriate Employee Behaviour and Cyber Security Risks. Proposed Solution should have the ability to identify User malicious activities and behavioral anomalies across channels of Application Activity, Application File Access Activity, Browser Activity, User Activity Time Tracking, CD/DVD Activity, Data At Rest Activity, File Upload Notivity (Web and FTP), Gmail and OWA activity, Network File Share Activity, Printer Activity, Search Activity, SMTP Activity, Secure Email Gateway Activity, USB activity Proposed Solution should have a highly customisable Incident rule creation interface, with the bility to add multiple parameters of triggers behind each incident for minimising false positives proposed Solution should have a highly customisable Incident rule creation interface, that allows for each incident to be tagged to avenues of impact (Data Loss Potential, IT Misuse Itc), while being able to assign a High / Medium / Low severity for the Incident reposed Solution should have Dashboard Notifications for each Incident or Violation proposed Solution should have the ability to automate Email Alerts for each incident real time reposed Solution should have the ability to automate Email Alerts for Daily Summary of cidents each day	
Proposed Solution should have the ability to identify User malicious activities across avenues of Data Theft, Productivity Loss, IT Misuse, Financial Loss, Operational Loss, Inappropriate Employee Behaviour and Cyber Security Risks. Proposed Solution should have the ability to identify User malicious activities and behavioral anomalies across channels of Application Activity, Application File Access Activity, Browser Activity, User Activity Time Tracking, CD/DVD Activity, Data At Rest Activity, File Upload Notivity (Web and FTP), Gmail and OWA activity, Network File Share Activity, Printer Activity, Bearch Activity, SMTP Activity, Secure Email Gateway Activity, USB activity Proposed Solution should have a highly customisable Incident rule creation interface, with the bility to add multiple parameters of triggers behind each incident for minimising false positives proposed Solution should have a highly customisable Incident rule creation interface, that allows for each incident to be tagged to avenues of impact (Data Loss Potential, IT Misuse Italian), while being able to assign a High / Medium / Low severity for the Incident reposed Solution should have Dashboard Notifications for each Incident or Violation proposed Solution should have the ability to automate Email Alerts for each incident real time reposed Solution should have a Suremany locident Dashboard Solution should have a Suremany locident Solution s	
of Data Theft, Productivity Loss, IT Misuse, Financial Loss, Operational Loss, Inappropriate Employee Behaviour and Cyber Security Risks. Proposed Solution should have the ability to identify User malicious activities and behavioral anomalies across channels of Application Activity, Application File Access Activity, Browser Activity, User Activity Time Tracking, CD/DVD Activity, Data At Rest Activity, File Upload Activity (Web and FTP), Gmail and OWA activity, Network File Share Activity, Printer Activity, Bearch Activity, SMTP Activity, Secure Email Gateway Activity, USB activity Proposed Solution should have a highly customisable Incident rule creation interface, with the ability to add multiple parameters of triggers behind each incident for minimising false positives proposed Solution should have a highly customisable Incident rule creation interface; that lows for each incident to be tagged to avenues of impact (Data Loss Potential, IT Misuse Itc), while being able to assign a High / Medium / Low severity for the Incident reposed Solution should have Dashboard Notifications for each Incident or Violation proposed Solution should have the ability to automate Email Alerts for each incident real time reposed Solution should have a Summary Incident Dashboard for easy referral of garrisation level User Behaviour Assessment.	
of Data Theft, Productivity Loss, IT Misuse, Financial Loss, Operational Loss, Inappropriate Employee Behaviour and Cyber Security Risks. Proposed Solution should have the ability to identify User malicious activities and behavioral anomalies across channels of Application Activity, Application File Access Activity, Browser Activity, User Activity Time Tracking, CD/DVD Activity, Data At Rest Activity, File Upload Activity (Web and FTP), Gmail and OWA activity, Network File Share Activity, Printer Activity, Search Activity, SMTP Activity, Secure Email Gateway Activity, USB activity Proposed Solution should have a highly customisable Incident rule creation interface, with the ability to add multiple parameters of triggers behind each incident for minimising false positives proposed Solution should have a highly customisable Incident rule creation interface, that allows for each incident to be tagged to avenues of impact (Data Loss Potential, IT Misuse Incident Solution should have Dashboard Notifications for each Incident or Violation and Proposed Solution should have the ability to automate Email Alerts for each incident real time proposed Solution should have a Summary Incident Dashboard for easy referral of garrisation level User Behaviour Assessment opposed Solution Incident Summary Dashboard should detail counts of each incident for part of pagarisation level User Behaviour Assessment opposed Solution Incident Summary Dashboard should detail counts of each incident for pagarisation level User Behaviour Assessment opposed Solution Incident Summary Dashboard should detail counts of each incident for pagarisation level User Behaviour Assessment opposed Solution Incident Summary Dashboard should detail counts of each incident for pagarisation level User Behaviour Assessment of the pagarisation incident Summary Dashboard should detail counts of each incident sach and the pagarisation incident Summary Dashboard should detail counts of each incident sach and the pagarisation incident Summary Dashboard should deta	
of Data Theft, Productivity Loss, IT Misuse, Financial Loss, Operational Loss, Inappropriate Employee Behaviour and Cyber Security Risks. Proposed Solution should have the ability to identify User malicious activities and behavioral anomalies across channels of Application Activity, Application File Access Activity, Browser Activity, User Activity Time Tracking, CD/DVD Activity, Data At Rest Activity, File Upload Activity (Web and FTP), Gmail and OWA activity, Network File Share Activity, Printer Activity, Bearch Activity, SMTP Activity, Secure Email Gateway Activity, USB activity Proposed Solution should have a highly customisable Incident rule creation interface, with the bility to add multiple parameters of triggers behind each incident for minimising false positives proposed Solution should have a highly customisable Incident rule creation interface, that allows for each incident to be tagged to avenues of impact (Data Loss Potential, IT Misuse activity, while being able to assign a High / Medium / Low severity for the Incident reposed Solution should have Dashboard Notifications for each Incident or Violation proposed Solution should have the ability to automate Email Alerts for each incident real time proposed Solution should have a Summary Incident Dashboard for easy referral of gariisation level User Behaviour Assessment period performance vis à vie proposed solution analysis of previous period performance vis à vie proposed seach violation and so a comparative analysis of previous period performance vis à vie proposed seach violation and so a comparative analysis of previous period performance vis à vie proposed seach and seach day accomparative analysis of previous period performance vis à vie proposed seach violation and seach accomparative analysis of previous period performance vis à vie proposed seach violation and seach accomparative analysis of previous period performance vis à vie proposed seach violation and seach accomparative analysis of previous period performance vis à vie proposed seach	
of Data Theft, Productivity Loss, IT Misuse, Financial Loss, Operational Loss, Inappropriate Employee Behaviour and Cyber Security Risks. Proposed Solution should have the ability to identify User malicious activities and behavioral anomalies across channels of Application Activity, Application File Access Activity, Browser Activity, User Activity Time Tracking, CD/DVD Activity, Data At Rest Activity, File Upload Activity (Web and FTP), Gmail and OWA activity, Network File Share Activity, Printer Activity, Search Activity, SMTP Activity, Secure Email Gateway Activity, USB activity Proposed Solution should have a highly customisable Incident rule creation interface, with the ability to add multiple parameters of triggers behind each incident for minimising false positives reposed Solution should have a highly customisable Incident rule creation interface, that allows for each incident to be tagged to avenues of impact (Data Loss Potential, IT Misuse Incident to be tagged to avenues of impact (Data Loss Potential, IT Misuse Incident Solution should have Dashboard Notifications for each Incident or Violation reposed Solution should have the ability to automate Email Alerts for each incident real time reposed Solution should have a Summary Incident Dashboard for easy referral of ganisation level User Benaviour Assessment opposed Solution Incident Summary Dashboard should detail counts of each violation and enformance.	
or Data Theft, Productivity Loss, IT Misuse, Financial Loss, Operational Loss, Inappropriate Employee Behaviour and Cyber Security Risks. Proposed Solution should have the ability to identify User malicious activities and behavioral anomalies across channels of Application Activity, Application File Access Activity, Browser Activity, User Activity Time Tracking, CD/DVD Activity, Data At Rest Activity, File Upload Activity (Web and FTP), Gmail and OWA activity, Network File Share Activity, File Upload Activity (Web and FTP), Gmail and OWA activity, Network File Share Activity, Printer Activity, Secure Email Gateway Activity, USB activity Proposed Solution should have a highly customisable Incident rule creation interface, with the ability to add multiple parameters of triggers behind each incident for minimising false positives proposed Solution should have a highly customisable Incident rule creation interface, that allows for each incident to be tagged to avenues of impact (Data Loss Potential, IT Misuse It), while being able to assign a High / Medium / Low severity for the Incident reposed Solution should have Dashboard Notifications for each Incident or Violation proposed Solution should have the ability to automate Email Alerts for each incident real time reposed Solution should have a Summary Incident Dashboard for easy referral of granisation level User Behaviour Assessment opposed Solution should have a Summary Incident Dashboard for easy referral of granisation level User Behaviour Assessment opposed Solution should have easy navigation from the Incident Summary Dashboard Position from the Incident Summa	
of Data Theft, Productivity Loss, IT Misuse, Financial Loss, Operational Loss, Inappropriate Employee Behaviour and Cyber Security Risks. Proposed Solution should have the ability to identify User malicious activities and behavioral anomalies across channels of Application Activity, Application File Access Activity, Browser Activity, User Activity Time Tracking, CD/DVD Activity, Data At Rest Activity, File Upload Activity (Web and FTP), Gmail and OWA activity, Network File Share Activity, Printer Activity, Search Activity, SMTP Activity, Secure Email Gateway Activity, USB activity Proposed Solution should have a highly customisable Incident rule creation interface, with the bility to add multiple parameters of triggers behind each incident for minimising false positives proposed Solution should have a highly customisable Incident rule creation interface, that allows for each incident to be tagged to avenues of impact (Data Loss Potential, IT Misuse Itc), while being able to assign a High / Medium / Low severity for the Incident rule proposed Solution should have Dashboard Notifications for each Incident or Violation proposed Solution should have the ability to automate Email Alerts for each incident real time proposed Solution should have the ability to automate Email Alerts for Daily Summary of cidents each day proposed Solution should have a Summary Incident Dashboard for easy referral of proposed Solution incident Summary Dashboard should detail counts of each violation and so a comparative analysis of previous period performance vis-à-vis present period proposed Solution should have easy navigation from the Incident Summary Dashboard to appear any incident in details	
of Data Theft, Productivity Loss, IT Misuse, Financial Loss, Operational Loss, Inappropriate Employee Behaviour and Cyber Security Risks. Proposed Solution should have the ability to identify User malicious activities and behavioral anomalies across channels of Application Activity, Application File Access Activity, Browser Activity, User Activity Time Tracking, CD/DVD Activity, Data At Rest Activity, File Upload Activity (Web and FTP), Gmail and OWA activity, Network File Share Activity, Printer Activity, Search Activity, SMTP Activity, Secure Email Gateway Activity, USB activity Proposed Solution should have a highly customisable Incident rule creation interface, with the ability to add multiple parameters of triggers behind each incident for minimising false positives proposed Solution should have a highly customisable Incident rule creation interface, that allows for each incident to be tagged to avenues of impact (Data Loss Potential, IT Misuse (C), while being able to assign a High / Medium / Low severity for the Incident. Troposed Solution should have the ability to automate Email Alerts for each incident real time proposed Solution should have the ability to automate Email Alerts for Daily Summary of cidents each day reposed Solution should have a Summary Incident Dashboard for easy referral of granisation level User Behaviour Assessment Proposed Solution Incident Summary Dashboard should detail counts of each violation and serformance of specific any incident in details Opposed Solution should have easy navigation from the Incident Summary Dashboard to specification should have inhurit Sonna Metrix and a security.	
or Data Theft, Productivity Loss, IT Misuse, Financial Loss, Operational Loss, Inappropriate Employee Behaviour and Cyber Security Risks. Proposed Solution should have the ability to identify User malicious activities and behavioral anomalies across channels of Application Activity, Application File Access Activity, Browser Activity, User Activity Time Tracking, CD/DVD Activity, Data At Rest Activity, File Upload Activity (Web and FTP), Gmail and OWA activity, Network File Share Activity, Printer Activity, Search Activity, SMTP Activity, Secure Email Gateway Activity, USB activity Proposed Solution should have a highly customisable Incident rule creation interface, with the ibility to add multiple parameters of triggers behind each incident for minimising false positives proposed Solution should have a highly customisable Incident rule creation interface, that lillows for each incident to be tagged to avenues of impact (Data Loss Potential, IT Misuse to), while being able to assign a High / Medium / Low severity for the Incident. Troposed Solution should have Dashboard Notifications for each Incident or Violation proposed Solution should have the ability to automate Email Alerts for each incident real time proposed Solution should have a Summary Incident Dashboard for easy referral of granisation level User Behaviour Assessment proposed Solution should have a Summary Incident Dashboard for easy referral of granisation level User Behaviour Assessment proposed Solution should have easy navigation from the Incident Summary Dashboard to specific any incident in details opposed Solution should have easy navigation from the Incident Summary Dashboard to specify any incident in details opposed Solution should have inbuilt Scoring Matrix and a reporting mechanism that is totomated to run analytics hased on pumber of incidents and a reporting mechanism that is	
or Data Theft, Productivity Loss, IT Misuse, Financial Loss, Operational Loss, Inappropriate Employee Behaviour and Cyber Security Risks. Proposed Solution should have the ability to identify User malicious activities and behavioral anomalies across channels of Application Activity, Application File Access Activity, Browser Activity, User Activity Time Tracking, CD/DVD Activity, Data At Rest Activity, File Upload Activity (Web and FTP), Gmail and OWA activity, Network File Share Activity, Printer Activity, Search Activity, SMTP Activity, Secure Email Gateway Activity, USB activity Proposed Solution should have a highly customisable Incident rule creation interface, with the ibility to add multiple parameters of triggers behind each incident for minimising false positives proposed Solution should have a highly customisable Incident rule creation interface, that lillows for each incident to be tagged to avenues of impact (Data Loss Potential, IT Misuse to), while being able to assign a High / Medium / Low severity for the Incident. Troposed Solution should have Dashboard Notifications for each Incident or Violation proposed Solution should have the ability to automate Email Alerts for each incident real time proposed Solution should have a Summary Incident Dashboard for easy referral of granisation level User Behaviour Assessment proposed Solution should have a Summary Incident Dashboard for easy referral of granisation level User Behaviour Assessment proposed Solution should have easy navigation from the Incident Summary Dashboard to specific any incident in details opposed Solution should have easy navigation from the Incident Summary Dashboard to specify any incident in details opposed Solution should have inbuilt Scoring Matrix and a reporting mechanism that is totomated to run analytics hased on pumber of incidents and a reporting mechanism that is	
or Data Theft, Productivity Loss, IT Misuse, Financial Loss, Operational Loss, Inappropriate Employee Behaviour and Cyber Security Risks. Proposed Solution should have the ability to identify User malicious activities and behavioral anomalies across channels of Application Activity, Application File Access Activity, Browser Activity, User Activity Time Tracking, CD/DVD Activity, Data At Rest Activity, File Upload Activity (Web and FTP), Gmail and OWA activity, Network File Share Activity, Printer Activity, Search Activity, SMTP Activity, Secure Email Gateway Activity, USB activity Proposed Solution should have a highly customisable Incident rule creation interface, with the ability to add multiple parameters of triggers behind each incident for minimising false positives proposed Solution should have a highly customisable Incident rule creation interface, that illows for each incident to be tagged to avenues of impact (Data Loss Potential, IT Misuse to), while being able to assign a High / Medium / Low severity for the Incident reposed Solution should have Dashboard Notifications for each Incident or Violation proposed Solution should have the ability to automate Email Alerts for Daily Summary of reposed Solution should have a Summary Incident Dashboard for easy referral of granisation level User Benaviour Assessment reposed Solution should have a Summary Incident Dashboard for easy referral of granisation level User Benaviour Assessment reposed Solution should have a Summary Incident Dashboard for easy referral of granisation level User Benaviour Assessment reposed Solution should have a summary Incident Dashboard for easy referral of granisation level User Benaviour Assessment reposed Solution should have easy navigation from the Incident Summary Dashboard to Spect any incident in details of proposed Solution should have inbuilt Scoring Matrix and a reporting mechanism that is atomated to run analytics based on number of incidents, avenue and severity of impact opposed Solution Should be able to calculate a	
Proposed Solution should have the ability to identify User malicious activities across avenues of Data Theft, Productivity Loss, IT Misuse, Financial Loss, Operational Loss, Inappropriate Employee Behaviour and Cyber Security Risks. Proposed Solution should have the ability to identify User malicious activities and behavioral anomalies across channels of Application Activity, Application File Access Activity, Browser Activity, User Activity Time Tracking, CD/DVD Activity, Data At Rest Activity, File Upload Activity, User Activity Time Tracking, CD/DVD Activity, Network File Share Activity, File Upload Activity (Web and FTP), Gmail and OWA activity, Network File Share Activity, Printer Activity, Search Activity, SMTP Activity, Secure Email Gateway Activity, USB activity Proposed Solution should have a highly customisable Incident rule creation interface, with the ability to add multiple parameters of triggers behind each incident for minimising false positives proposed Solution should have a highly customisable Incident rule creation interface, that allows for each incident to be tagged to avenues of impact (Data Loss Potential, IT Misuse and Italian	

Proposed Solution be able to calculate and display Organisation Productivity Score based on	
number of Incidents with Productivity Loss and severity of Impact	
Proposed Solution Should Have an Executive Dashboard that summarises overall	10000111
organisational health scores and areas of concern	
Proposed Solution's Executive Dashboard should provide easy navigation and drill down	US COOK!
capabilities to investigate areas of concerns - department, region, zone to user level.	
Proposed Solution should isolate and centralise visibility of risky users and malicious activities	Singury
to Executive Committee	(Catawas)
Proposed Solution should be able to generate detailed incident forensics report	SKOOME STAN
User and Entity Behaviour Analytics	
Proposed Solution should do activity tracking of Users and Devices across all activity channels	maller!
Proposed Solution should log all relevant details where applicable in each channel for forensic	
investigations and audits; including but not limited to Device ID, User ID, Application, URL,	
Website Category, Files accessed, Files Transferred, File Names, File Sizes, Printer ID,	
Network Connectivity Details, Email from / to/ cc/ bcc/ subject/ body/ attachment	
Proposed Solution should be capable of Shadow Logging Emails, File Uploads, USB	1801/195/
Transfers, Print, Application File Access, Web Uploads etc	
Proposed Solution should be able to handle if different users were to login to same device in	early 18
tandem or vice versa; trailing user activity across devices and device activity across users and	
reporting them in accumulation	203U-1EV
Proposed Solution should be capable of Filtering Activity Reports by User / Or by Device	muqury
Proposed Solution should be capable of logging all User/Device activity for Application Activity	
Proposed Solution should be capable of logging all User/Device activity for Application File	Eucher
Access Activity	
Proposed Solution should be capable of logging all User/Device activity for Browser Activity	DEGGGTN11
Proposed Solution should be capable of logging all User/Device activity for Active Window	Alexander
Time TrackingA Design and the second s	
Proposed Solution should be capable of logging all User/Device activity for CD/DVD Activity	GIND DUT
Proposed Solution should be capable of logging all Ligar/Device activity for File Unload Activity	
Proposed Solution should be capable of logging all User/Device activity for File Upload Activity Proposed Solution should be capable of logging all User/Device activity for FTP File Upload	TO SECURE OF THE PARTY OF THE P
Activity	unitari
Proposed Solution should be capable of logging all User/Device activity for Gmail Web Activity	
Proposed Solution should be capable of logging all User/Device activity for Network File Share	
Activity	
Proposed Solution should be capable of logging all User/Device activity for Outlook Web	
Activity Activity	
Proposed Solution should be capable of logging all User/Device activity for Search Engine	
Activity Activity	
Proposed Solution should be capable of logging all User/Device activity for Email Gateway	OF THE PARTY OF TH
Activity Resident and Control of the	
Proposed Solution should be capable of logging all User/Device activity for SMTP Email	
Activity Proposed Solution should be capable of logging all User/Device activity for USB	A 200
Proposed Solution should be capable of logging all User/Device activity for Printer Activity	CANADAN CONTRACTOR
Proposed Solution should be capable of logging all User/Device activity for Data-at-Rest	
Activity	
Proposed Solution should be capable of Entity Level Behaviour Analytics depiction of Browser	STREET SELL
Activity Programme Management and the programme of the control of	
Proposed Solution should be capable of Entity Level Behaviour Analytics depiction of	B 76 E(F)
Application Activity	
Proposed Solution should be capable of Entity Level Behaviour Analytics depiction of Gmail /	
OWA Activity	PROPERTY
Proposed Solution should be capable of Entity Level Behaviour Analytics depiction of File	ane sales
Upload Activity	

oposed Solution must support all required features to be handled by a SINGLE endpoint	or balance of
ent	
oposed Solution must perform all monitoring and block activities at the endpoint; continuing perform those actions irrespective of if User is connected to internal / private / VPN network	
offline (Only Blocking)	
oposed Solution must include a Gateway Component for Email Monitoring or Blocking; ginating via alien / personal devices	
Modules of the Proposed Solution must be hosted on a single server, with one exception	
owed for email gateway	
Modules of the Proposed Solution must be centrally configured and managed on a single	
oposed Solution should support Windows, Mac (BigSlur, Catalina, Monterey) and Linux OS buntu) Desktop endpoints	
oposed Solution should support Windows or Linux OS Servers	
oposed solution should be able to take periodic screenshot to monitor detailed employee	
tivity for forensic evidence	
oposed solution should be able to initiate event-triggered screenshot for sensitive application	
tivity and sensitive window title-based activity forensic evidence	
oposed solution should be password protected from being uninstalled and should be tamper	
pof	
oposed Solution should be able to implement temporary policies for uplifting the user vileges for a defined duration	
oposed solution should support Sub-Admin Accounts with different privileges and different per Groups	
oposed Solution should also log and support audit of all Admin and Sub-Admin Activities	
oposed Solution should support integrations with Windows Active Directory; for scheduled	
nc of organization and User information	
oposed Solution should support integrations with Windows Bitlocker for Key syncronisation	
oposed Solution should support integrations with Data Classification Tools, agnostic of the	
oposed Solution should support integrations with DRM and Encryption Tools	
oposed Solution should support integrations with SIEM Solutions (Qradar)	
oposed Solution should support coexistence with an existing network level Web Proxy	
oposed Solution should support extraction of Raw Data Logs or Filtered Reports via CSV/	
oposed Platform should be capable of generating Alerts on any Policy Changes or Agent	
installation / Deletion performed by an Admin or a Sub-Admin	
oposed Solution should be capable of being deployed in Stealth Mode at the endpoints	
posed Solution should be capable of being deployed in Stealth Mode at the endpoints	
any blocked activity	
oposed Solution should offer a globally adjustable Sync Interval for Policy and Log	
posed Solution should offer User/Device level adjustable Sync Interval for Screenshots and	
adow Logs synchronization to manage locations with lower bandwidth posed Solution should Support White Listing or Bypassing of Domains, URLs, IPs etc to	
event Data interception or logging for such entities.	
oposed Solution should support Policy Setting as well as Reporting separately for Devices d Users	
oposed Solution should support Agent Installation via Manual or Automated (Silent / rbose) methods	
oposed Solution should Support AD GPO or other third-party solutions for Remote Agent	
posed Solution Console should in real time indicate Agent Connectivity Status, last	
nnected time and Agent Version	
oposed Solution should support future agent update deployment via the Console	
oposed Solution should also support a CSV based Organization / Group / User Information ports and manual Workgroup User Creation	
posed solution must support LDAP based authntication mapping for Admins & Sub-Admin	

Proposed solution musts have 2FA for Administrator login
Proposed solution must store all information in encrypted form
Proposed solution should be Make In India