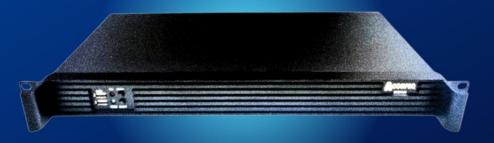**Discover Ultra Fast**
ZTG1400

AccelPro ZTNA

Powered with HPAA
Technology

ZTG1400 PRODUCT DATASHEET

Next Generation ZTNA Product

AccelPro 's Next Generation ZTNA products provide Secure Remote Access and End to End security along with the best performance which is lacking in all other conventional SSL VPN's in the market today. Today's Remote Access Solutions are designed and developed on legacy technologies which results in poor performance. AccelPro ZTNA platforms are designed and developed by some of the key experts which master TCP/IP protocols and revolutionized the internet content delivery mechanism in the world

AccelPro Technology

AccelPro Next Generation ZTNA Products provide true VPN performance which is required at mission critical, Enterprise applications access in real time scenarios. Due to its Cutting-Edge Technology, AccelPro devices are able to provide Ultra High throughput on a single Appliance, and multiple throughputs can be achieved by cascading N number of devices. Due to WAN Optimization techniques, these devices can perform unmatched performance as compare to other products. AccelPro 's product for carrier class offers virtualization platform which is must for any ISP/Carrier class provider. Customer can create more than 200 virtual ZTNA gateways on single AccelPro device using virtualization environments. This solution along with best-in-class performance makes AccelPro the perfect choice for service providers. AccelPro platforms can be easily integrated with core MPLS/PSTN networks.

About AccelPro

AccelPro is formed due to the need of the day for faster application access without compromising on security of the networks. Legacy VPN Architecture is no more valid in today's Scenarios with increased Advanced Threat Landscape. AccelPro 's Zero Trust Network Access Products provides Holistic 360 Degree Security Platform with Zero Trust Approach. Every time Remote User when tries to Access Corporate Network, AccelPro Identify his Device's Trust Level by Quickly Scanning End-user Machine thus results in Zero Trust Secure Access every time

ZTNA Automated

AccelPro Automates ZTNA Fabric build between your Corporate Network & End User Device and User Identity. The Automated features such as Automatic Email Triger immediately after User Account is created, Automatic Endpoint Scanning of End User devices, Automatic MAC ID or Device ID Binding, Automatic Password Expiry Emails, Automatic EPS Updates to   AccelPro ZTNA Gateways & Clients makes ZTNA Process Automated which results in End to End Security Always while providing Fast Secure Access to your Remote Users & Remote Branches

PRODUCT OVERVIEW

AccelPro ZTNA Product

Most of the company's uses legacy IPSec VPN to connect remote locations, to create Wide Area Network or connect roaming work force which results into lot of configuration issues, support calls and provide week security. AccelPro provides the next generation ZTNA gateways which make deployment easy, no support calls and a unified approach for secure remote access.

Hybrid Performance Acceleration Architecture (HPAA)

AccelPro's next generation ZTNA gateways are powered with Hybrid Performance Acceleration Architecture which results in wire like throughput with minimal latency. In certain network scenarios AccelPro ZTNA gateways can boost and accelerate the application access performance to act as WAN Accelerator solution with encrypted secure traffic. Due to HPAA, Optimized compression Engine, AccelPro can provide performance enhancement up to 30 times over the same pipe. Result will be fast application access and better user experience.

Endpoint Compliance

AccelPro's ZTNA solution provides comprehensive Endpoint Security and Compliance. Unique ZTNA agent which gets installed automatically into the end user machines push all corporate endpoint security policies and ensure Endpoint compliance. Set of endpoint compliance policies can be chosen from the ZTNA gateway or even custom policies can also be created. With the inbuilt end point compliance mechanism AccelPro client will scan remote machine for various security checks like personal firewall, latest windows patches etc. will result in clean network and eliminate any security threat to the corporate network. This will enhance the overall performance of the network.

Network Access Control (NAC)

AccelPro ZTNA product provides best in class and easy deployable NAC, based on end user machine results, end user credentials, and Network Access polices defined for that particular user. Multiple groups can be defined in the ZT gateway and Network Access Policies can be defined to each group. This approach automates NAC on the basis of Endpoint scan results of the end user machine and Group based access control which results in fine granular network access control. With the deployment of AccelPro solution, Administrator can provide strong authentication mechanism like integration with AD, Radius or LDAP or binding the MAC address of the end user machines or generating own digital certificates along with the user name and password resulting unauthorized user access into the corporate network.

Data Leakage Controls

AccelPro Zero Trust products provides comprehensive data leakage prevention solution inbuilt. Once the remote user is authenticated and provided granular access inside the network then various data leakage prevention policies can be enforced on to end user machine like Cut, Copy keys can be disabled, Print screen key can be disabled, local internet can be blocked, Secure Desktop functionality can be enabled. While accessing from unsecure machines, administrator can also provide the functionality of deleting browser history, cookies and registries after the user logs out of the corporate network, resulting not leaving any traces of the vital information about your corporate network.

Full Application Access

All enterprise applications are supported: full applications, Web applications, thin-clients, fat-clients and legacy applications means only a single remote access solution is required.

Filtered Reports

With next generation AccelPro ZTNA product it is very easy to know who accessed when and what with a click of few buttons. AccelPro Management Console gives various filter options to choose from like by IP address, by user names, by application and many more to choose from. This makes the job for administrators really easy to generate the reports instantly. You can also have graphical logs of the user's activities which are useful to get a tap of user activity and peak load information.

Transparent Remote Access

No client-side installs or updates are required. Automatic re-connection between user and gateways and high availability clustering ensures network failures or timeouts do not affect critical application and data access. The result is reduced technical support calls.

Ease of Use

AccelPro ZTNA platforms make life simple with easy deployments. No client configuration is required as the ZTNA, client gets installed and updated automatically. With the automated granular access control it is a one time job to define group based policies and your network is secure 24X7.

Virtualization

AccelPro Next Generation ZTNA platforms are best suitable for virtualized environments. AccelPro solution is also available as a virtual appliance using any virtualization environments like VMware or Xen. AccelPro ZTNA gateways are best suited for ISP deployments where hundreds of virtual Zero Trust gateways can be created on single AccelPro device. Using this platform ISP can easily launch any Cloud based service or SaaS, where multiple clients or users can be configured on single hardware. Due to AccelPro's revolutionary HPAA, and OCE technologies which makes this kind of services very fast and end user sees good amount of performance while accessing their hosted applications in the ISP data center. Unmatched performance makes AccelPro ZTNA solution default choice for ISP deployments.

Products

AccelPro provides the next generation ZTNA products having AccelPro Hardened Operating System (AHOS) which provides Automated ZTNA Protocols having World Class Enterprise Hardware platforms delivering High Performance., Low Power Consumption & High Efficiency

AccelPro ZTNA AHOS Product Features & Specifications	
Microsoft Authenticator	Inbuilt OTP based 2 Factor Authentication using Microsoft Authenticator App
Google Authenticator	Inbuilt OTP based 2 Factor Authentication using Google Authenticator App
SMS OTP Authentication	Inbuilt SMS OTP based 2 Factor Authentication (Additional Pricing Apply for SMS GW)
Device MAC ID Auth	Auto Endpoint device MAC ID Binding with User account in AccelPro Gateway
Device Unique ID Auth	Auto Endpoint device Unique ID Binding with User account in AccelPro Gateway
Digital User Identity Lock	AccelPro Digi Secure (Digital User Identity) for User ID lock, Auto User Digital Certificate
User Account Activation Alert	Auto Email to User from AccelPro Gateway on User Account creation along with Unique QR Code
User Account Details	Email to User containing User ID & User Web portal link to reset password & download client
Auth Server Cascading	Add two authentication servers, one as primary auth server and secondary auth server
User Password Policy	Create User password policy & auto password expiry configuration
Password Expiry Alerts	Auto Emails to users from AccelPro each day before 5 days remaining for password to expire
Password Reset Alert	Auto Password reset email alert to user while resetting password
Geo Network Fencing	Geo Network Fencing for blocking access based on country of origin
Endpoint Machine Scanning	Endpoint Machine Scanning & Endpoint Compliance every time user tries to login
Endpoint Machine Trust	After Endpoint Scanning, a pop-up Window showing machine Trust Level (%) & policies failed
Endpoint Machine Controls	Apply Endpoint Security Controls such as Start Client on Windows Logon, Silent Mode Operation
	URL Clean up, Disable Save Password, Block Cut, Copy, Paste, Remove Downloaded Files
	Allow Remember Password, Delete History, Clean Cookies, Delete temporary files after logout
Client Updates	Auto updating AccelPro Client for EPC signatures & Client updates with update alert
Layer 7 Controls	Apply Group based Network Access Controls till Application Layers
Remote User Productivity	User Active-login hours date wise in graphs, App used, data used in reports
User Installation Package	Unique User name-based Client Installation package for each user separately
Multiple User Logons	Option to Enable/Disable multiple user logons with same user ID & package
WAN Optimization	Fast Client connect & Fast Application Access, Data, TCP & UDP Compression
Zero Client Trace	Option to delete cookies, temporary files, history from user machine after client logout
Random Connect	Randomly connect AccelPro gateway IP's by Client to divide load on internet connections
Secure Branch Connect	Easy site to site VPN connectivity with central configuration for branch devices

Auto User Account Expiry	Create temporary user accounts with auto expiry of account on specified date
Full Application Support	All applications Client-Server, Web, TCP, UDP, Oracle, RDP supported
Data Leakage Controls	Block local internet access of end user while logged in, prevent cut, copy, paste functions
Filtered Reports	Detailed System, Network, End User, Data reports with filter options in graphical formats
External Authentication	Integration with external authentication servers such as AD, Radius & LDAP
Admin Users	Option to create Super Admin User & Read Only Admin User
SSL/TLS Tunnel	Option to create UDP & TCP based Client Server Tunnel with multi-Ciphers option
Multi Gateway Support	Provision to add multiple public IPs into Client Package with Auto Switchover Connectivity
Gateway Tunnel Port	Option to define any Port while creating SSL/TLS, UDP/TCP Client Sever Tunnel
Network Access Policy	Create Network Access Policy defining Action to Accept, Drop, Deny, Protocol to choose as TCP, UDP, ICMP, All, Source Type to choose as Any, IP Range, Network, Host, Source Ports, Source MAC Address, Destination Type to choose as Any, IP Range, Network, Host & Destination Ports
User Portal Subdomain	Option to define User Portal Subdomain to access User Portal
SSL Certificate Upload	Option to upload SSL Certificate from any Third-Party Vendor thru Admin Console for User Portal
Custom Client Banner	Option to upload your own custom Client Banner for Organizational look & feel
Web Applications	Option to add Web Applications in User Portal define App Name, add App URL
Secure File Share	Option to add Files in User Portal, define File Name, Brose File to Upload & Description Field
Define Applications	Option to define any Application by Name and adding its respective Port or Ports Range
VPN Groups	Option to create User Groups, define its Name & Description, Toggle to Apply Network Access Control Policies, Application Access Control Policies, Toggle to Select Web Applications & Secure Files for the Group, Select Full Tunnel or Split Tunnel Mode for Group, Toggle to Select LAN IP or LAN IP Range or LAN Network to be accessible to the Group, Apply Logon/Logoff Scripts
VPN Users	Option to create User Account with User ID, First Name, Last Name, Option to add Group, Description field, Option to add Client Package, add Mobile Number, add Email ID, Define User As Permanent or Temporary, if Temporary then define Account Auto Expiry Date, Option to Enable/Disable Device UID Authentication, Device MAC ID Authentication & User Account
Export User List	Option to Search Users, Add/Delete Users & Exports Users List to download as CSV File
Download Client Package	Option to download created User Installation Client Package from Admin Console only
User Account QR Code	Option to create User Account QR Code and Option to download QR Code from Admin Console
Reset User Password	Option to Reset User Password from Admin Console
Authentication Policy	Option to Enable/Disable User Password Policy defining parameters such as Maximum Length Minimum Length, Minimum Alphabets, Minimum Digits, Minimum Special Characters

Password Expiry	Option to Enable/Disable User Password Expiry, define Expiry Days, send Auto Email Alerts
Upload Bulk Users	Option to Create Multiple User Accounts, Download Sample File, Upload Users File, Show Status
VPN Client History Report	Log & Report User Login/Logout with Parameters such as Client Name, Client OS, Username, Remote IP, Local Port, Peer IP, Event, Event Time, Client MAC Address, User Group, Zone, Auth Method with Search Filter Options such as Client Name, User Name, Remote IP, Peer IP, Peer Port & Event
Live VPN Clients Report	Live VPN Clients connected with Parameters such as Client Name, Client OS, Username, Remote IP, Local Port, Peer IP, Event, Event Time, Client MAC Address, User Group, Zone, Auth Method with functionality to Logout All VPN Users and Logout All Client Portal Users
Admin Logs	Admin Logs with Search Filters such as Admin User Name, Event, Action, Status & Event Time
User Network Activity Report	Show User Network Activity with Search Filter Options such as User Name, User Group, Event Type, Event Time, Protocol, Duration, Source IP, Destination IP, Source Port, Destination Port, Received Packets, Received Bytes, Transmitted Packets & Transmitted Bytes
SMS OTP Logs	SMS OTP Logs with Search Filters such as User Name, Status, Event Time, SMS GW details
Resource List Report	Bandwidth Utilization Report with Search Filters such as Destination Ports, Protocol, Destination IP Source IP, VPN Users, TCP Destination Port, UDP Destination Port
Download Report	Download Report Type with Search Filters as VPN Client History, Live VPN Clients, User Network Activity, Admin Activity, Resource List; Report Duration with Search Filters as Last Hour, Last Week, Last Month; File Format as CSV / Excel & PDF
Log Report Setting	Log Setting with Parameters such as System Stats in Days, Network Stats in Days, User Portal Activity Stats in Days, User Network Activity Stats in Days, User Login-Logout Stats in Days
Auto Config Backup	Automatically takes Configuration Backup every week, Option to create & download Backup File
Software Upgrade	Option to browse & Upload AccelPro AHOS Software Update Files from Admin Console
Live Charts	Show Realtime Network Traffic Live Charts with Received & Transmitted Packets on NIC Interface
Protocol Stat Charts	Show Layer 4 Network Stats Charts & Layer 7 Network Stats Charts
User Count Charts	Show User Count Stats with Search Filter options as Last Day, Last Week, Last Month
Realtime Throughput	Show Highest SSL VPN Throughput every Day in Dashboard
Client OS Details	Show % wise Endpoint Machine Operating System details in Graphs in Dashboard
System Health Indicators	Show Realtime Overall Health of the System in terms of Memory, Disk & CPU Usages
External Syslog Server	Integrate external Syslog Server to export real-time user logs & activities

ZTG1400 Hardware Appliance Specification

PERFORMANCE	
Hardware Appliance	ZTG1400
Operating System	AccelPro ZTNA Hardened Operating System (AHOS)
Maximum Throughput	1 Gbps
Maximum CCU	500
Logins / Second	3,200
SSL Transactions / Second	24,000
Latency	< Then 10 Milli Seconds

INTERFACES	
Data Traffic	2 x 1G RJ-45 Ethernet Ports
Traffic Modes	Full Duplex or Half Duplex with Auto Negotiation Capability
Management	1 RJ-45 Dedicated IPMI Ethernet Port
USB Ports	2 x USB 3.1 (Front), 2 x USB 2.0 (Rear)
Video / Monitor Output	1 x VGA Port, 1 x Serial COM Port, 1 x HDMI Port

DIMENSIONS, POWER & STORAGE	
Server Dimensions	Height 1.7" Inches x Width 17.2" Inches x Depth 14" Inches
Rack Mount	1 U Rack Mount
Weight	Gross Weight: 5 KG (11 LBS)
Power Supplies	200 W Power Supply, 80 Plus Platinum Level Certified
AC Voltage	AC 100 - 240V, 50-60 Hz, 3 – 6 Amp max Input
Storage	500 GB Enterprise SSD
System Cooling	2 x 40x28 mm PWM Fans

FRONT PANNEL	
Buttons	Power ON, Power OFF Button, System Reset Button
LEDs	Power LED, SSD Activity LED, System Information LED

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PC HEALTH MONITORING

CPU	Monitors for CPU Cores, VBAT, HT, Memory, Chipset Voltages
FAN	Fans Tachometer Status Monitor, FAN Speed Control, Overheat LED Indication
Temperature	Monitoring for CPU & Chassis Environment, CPU Thermal Trip Support

OPERATING ENVIRONMENT / COMPLIANCE

RoHS	RoHS Compliant
Power Supply	80 Plus Platinum Level Certified
Operating Temperature	10° C to 35° C (50° F to 95° F)
Non Operating Temperature	–40° C to 70° C (–40° F to 158° F)
Operating Humidity	8% to 90% (Non Condensing)
Non Operating Humidity	5% to 95% (Non Condensing)

One License for All the Features

AccelPro provides all the Product Features bundled into a Single License without any Hidden Costs starting from Entry Level Appliances to Carrier Class High End Appliances. Customer gets Protected & Benefited by using Comprehensive Suite of Advances Security features.

Power: The main power switch is used to apply or remove power from the power supply to the server system. Turning off system power with this button removes the main power but keeps standby power supplied to the system. Therefore, you must unplug system before servicing.

Reset: The reset button is used to reboot the system.

SSD: Indicates IDE channel activity. SAS/SATA drive and/or DVD-ROM drive activity when flashing

Power: Indicates power is being supplied to the system's power supply units. This LED should normally be illuminated when the system is operating.

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AccelPro ZTG Series:
• ZTG700 • ZTG1400 • ZTG2800 • ZTG5600 • ZTGVA