SANGFOR | **SANGFOR ATHENA SASE**

SANGFOR ATHENA SASE
SECURE, AGILE, AND EVERYWHERE

The Smarter, Simpler, and More Secure Way to Connect
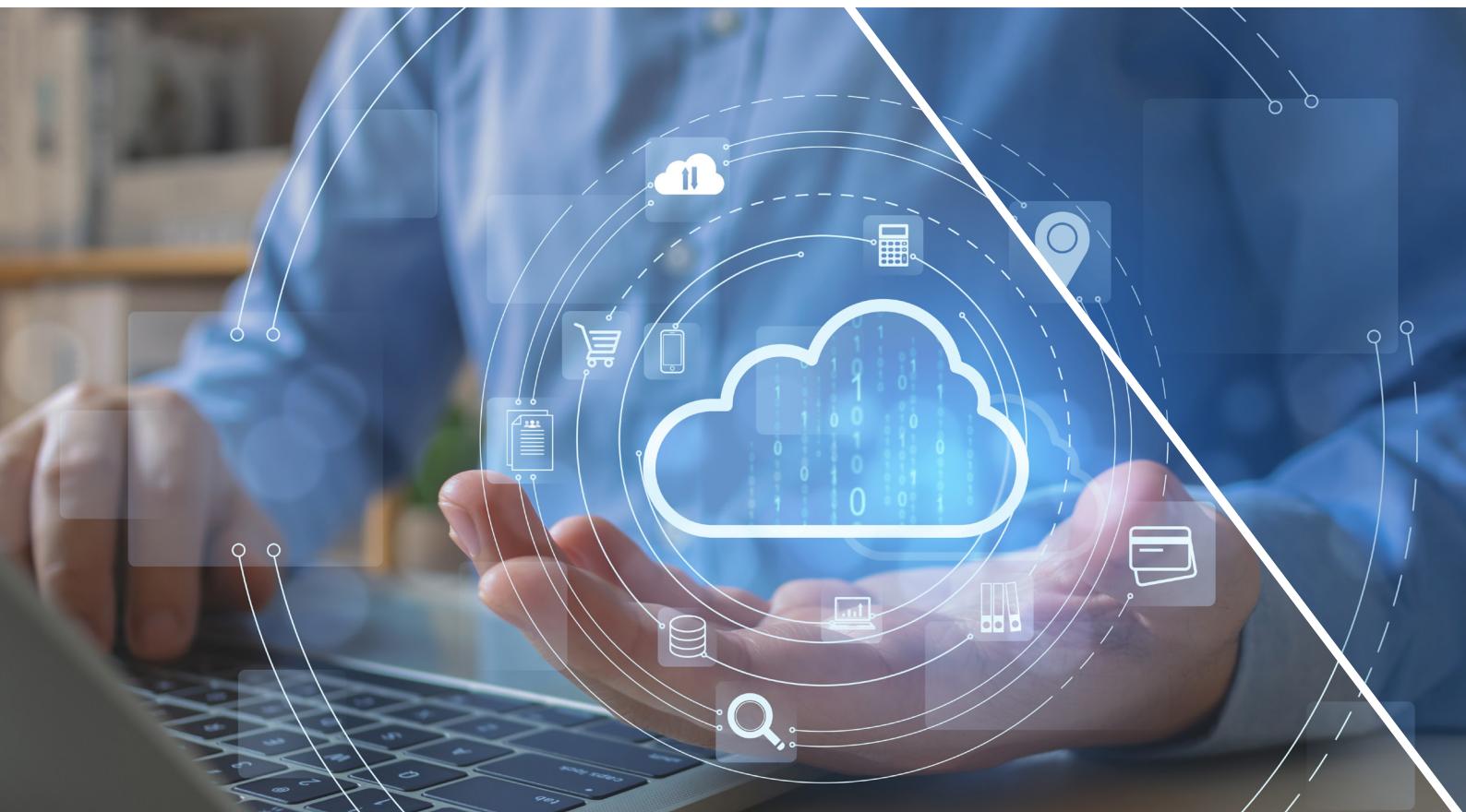
Introduction

Businesses need flexible, secure, and efficient networking solutions in the rapidly evolving digital landscape. Sangfor Athena SASE (previously known as Sangfor Access Secure), a leading-edge Secure Access Service Edge (SASE) solution, offers just that. Merging advanced SD-WAN capabilities with a comprehensive suite of network security services, Athena SASE propels your network performance to new heights, fortifies your security posture, and simplifies network management. Optimize your resources and thrive in the digital era.

Understanding SASE

Secure Access Service Edge, or SASE (pronounced "sassy"), is an innovative networking framework that combines wide-area networking (WAN) capabilities and network security services into a single, unified cloud service. In the digital era, where the flexibility of cloud applications need to meet the demands of high-speed networking, SASE emerges as a comprehensive solution.


SASE extends the concept of networking and security beyond the traditional perimeters of an organization. In the SASE model, network security becomes identity-driven, providing secure access regardless of the users' location, whether in the office, at home, or on the move. SASE provides businesses with streamlined network management, increased performance, and enhanced security in the face of evolving cyber threats.

This revolutionary approach to networking allows organizations to adapt to the changing landscape of modern business operations, where remote work, mobile users, cloud-based applications, and digital transformation initiatives have become the norm. By providing a flexible, scalable, and secure networking solution, SASE empowers organizations to fully embrace and thrive in the digital era.

Sangfor Athena SASE High-Level Architecture
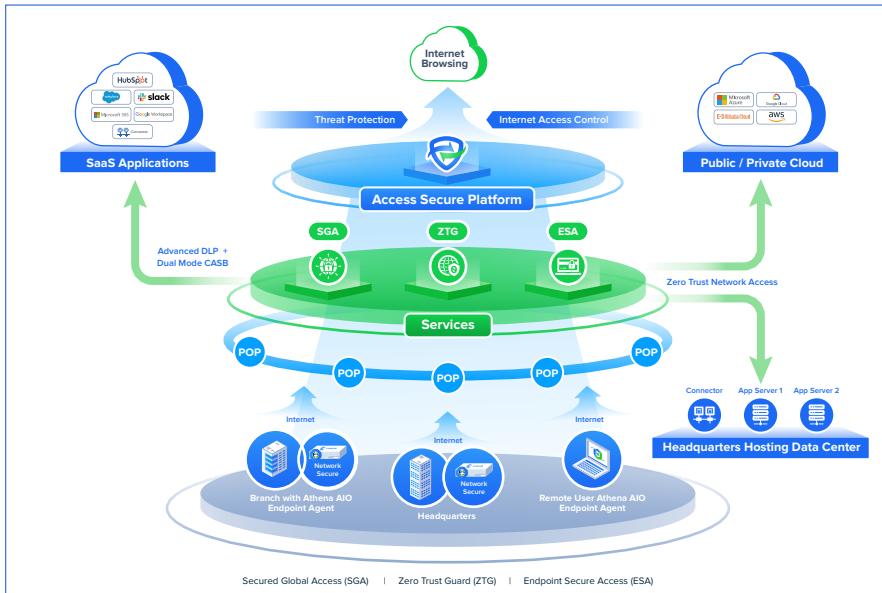
Key Highlights of Sangfor Athena SASE	
• Cloud-Native Hyperscale Architecture	• Real-time Threat Prevention
• Unparalleled Network & User Visibility	• Simplified Central Management

Cloud-Native Hyperscale Architecture

Sangfor Athena SASE features a truly scalable SASE solution, leveraging cloud-native architecture to adapt seamlessly to your organization's growth. The platform's hyperscale capabilities ensure consistent connectivity and unmatched performance, even as your business expands, and handles the most demanding network loads.

The heart of Athena SASE's performance optimization is the Single Pass Architecture. Unlike traditional methods that process traffic multiple times through separate software engines, Sangfor's Single Pass Architecture inspects traffic only once, significantly enhancing processing speed while reducing latency. This allows Athena SASE to deliver high-performance network functions at an impressive speed, without compromising on security or visibility.

*Features include:*

1. Auto-Scaling and Load Balancing

The platform can dynamically adjust its capacity based on fluctuating network demands, ensuring optimal performance during peak and off-peak hours.

2. High Availability and Redundancy

Athena SASE offers built-in failover capabilities to ensure uninterrupted connectivity, providing businesses with the reliability they need to maintain seamless operations.

Embrace the power of cloud-native architecture and single pass technology with Sangfor Access Secure, delivering rapid, reliable, and scalable network performance, tailored for the growth and expansion of your business.

Access Secure Cloud Native Architecture

ZTG	SWG	FWaaS & IPS	DLP	SD-WAN

Component Capability

- • Real-time Account Provisioning
- • High Performance Inspection
- • Parallel Engine Scanning (Single Pass)
- • Container Clustering
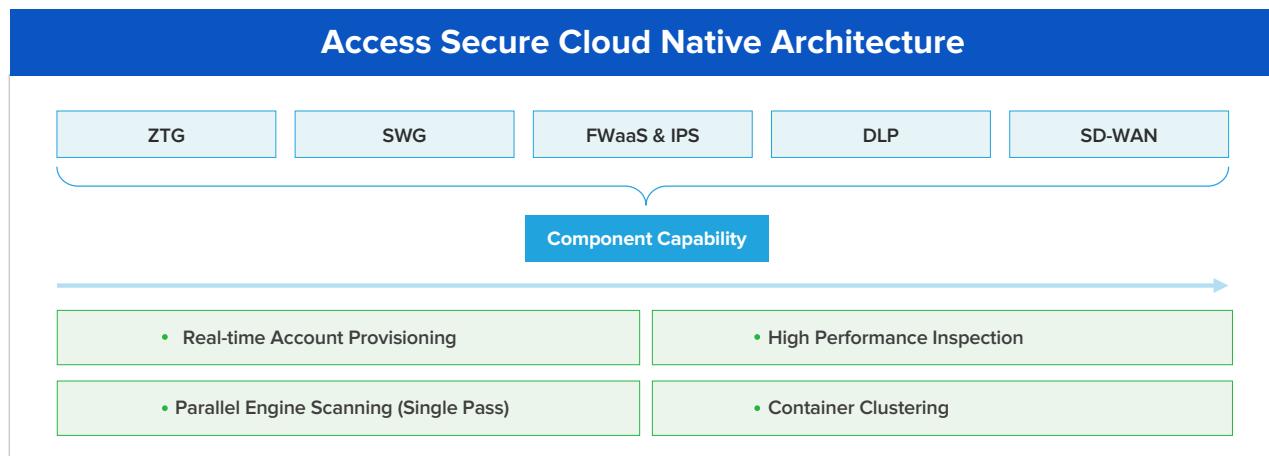
Dynamic Drift Management: in Seconds

Single Tenant Max: 20G

10x Performance Improvement

Dynamic Disaster Recovery

Unparalleled Network & User Visibility

Gain complete insight into your network and user activities with Athena SASE, offering granular visibility and real-time analytics. This enables businesses to optimize network performance, enforce policy compliance, and drive informed decision-making.

One of the significant features of Athena SASE is its native TLS/SSL decryption capability. As per recent statistics, over 85% of all internet traffic is now encrypted. While encryption protects data confidentiality, it also presents a blind spot for security systems, as malicious activities can hide within encrypted traffic.

By providing native TLS/SSL decryption, Athena SASE allows organizations to inspect encrypted traffic, uncovering hidden threats while ensuring the privacy and integrity of data. This enhances your overall security posture, enabling more robust threat detection and response.

Key features include:

1. Detailed Network Traffic Monitoring and Analysis

Athena SASE provides deep visibility into network traffic patterns and usage trends, enabling businesses to optimize bandwidth allocation, identify potential bottlenecks, and improve overall network performance by leveraging the built-in Digital Experience Monitoring (DEM) engine.

2. User Behavior Analysis and Reporting

By tracking user activity, Athena SASE helps businesses understand how their network resources are being used, identify potential policy violations, and take appropriate action.

3. Application-Level Visibility and Control

Athena SASE allows businesses to monitor and manage the use of cloud and web-based applications on their network, enforcing policy compliance, and reducing the risk of data leakage.

With Athena SASE, you gain comprehensive visibility and control over your network, ensuring optimal performance, enhanced security, and improved compliance.

Real-time Threat Prevention

Safeguard your organization with Athena SASE's advanced threat prevention capabilities, delivering real-time protection against sophisticated cyber threats, and ensuring the safety of your critical assets.

Athena SASE's is uniquely equipped with our award-winning Engine Zero malware detection engine and a comprehensive Threat Intelligence (TI) database, providing a distinct advantage over traditional NGFW or SWG solutions. Traditional models often grapple with a limited TI databases, potentially leaving some threats undetected and introducing latency due to cloud-based querying.

On the other hand, Athena SASE's robust TI database, combined with its real-time analysis, can swiftly detect and respond to threats, offering more effective protection.

Key features include:

1. Cloud Native NGFW (FWaaS)

Athena SASE's FWaaS provides advanced threat protection, including intrusion prevention, application control, and user identity awareness.

2. Intrusion Prevention System (IPS)

This feature ensures real-time detection and mitigation of known and emerging threats, safeguarding your network from intrusions.

3. Cloud Native Secure Web Gateway (SWG)

Athena SASE's SWG filters and controls web traffic, protecting your organization from web-borne threats and enforcing company policies.

With Athena SASE, you can achieve improved threat visibility, enhanced security, and faster response times, reinforcing your organization's overall security posture.

Zero Trust Guard (ZTG)

Sangfor Zero Trust Guard is a cloud-delivered Zero Trust Network Access (ZTNA) solution that enables secure and adaptive access to private applications hosted in public clouds or enterprise data centers. ZTG continuously verifies user identities, device health, and context to seamlessly enhance your organization's security. This advanced security solution works on the principle of Never Trust, Always Verify and provides granular access controls, minimizes the attack surface, improves visibility into network activity, and mitigates risks associated with insider threats and external attackers.

Simplified Central Management

Simplify your network management with Athena SASE's centralized console. Our single-pane-of-glass dashboard reduces operational complexity while also providing you with an all-in-one view for Firewall as a Service (FWaaS), Secure Web Gateway (SWG), Intrusion Prevention System (IPS), and Endpoint Detection and Response (EDR). This allows your IT team to maintain an overarching view of the organization's security posture while streamlining administrative tasks.

This centralized control system allows you to easily:

1. Manage multiple network and security functions

Athena SASE's integrated console ensures that you can configure, monitor, and control all key components from a unified platform. From managing access permissions to tracking network performance, everything can be done from one place.

2. Implement centralized policy enforcement and configuration

You can set up and apply your security and network policies across the entire organization from the same console, saving time and reducing the risk of inconsistencies.

3. Integrate seamlessly with existing infrastructure and third-party tools

Athena SASE's integrated console ensures that you can configure, monitor, and control all key components from a unified platform. From managing access permissions to tracking network performance, everything can be done from one place.

With Sangfor Athena SASE, your IT teams can focus more on strategic initiatives while routine management tasks are simplified and automated. This ultimately increases operational efficiency and enhances your organization's ability to respond quickly to changing business and security needs.

Key Use Case

Hybrid Working

The rise of hybrid work models has led to increased challenges in secure and efficient remote access to company resources. Athena SASE addresses this issue by integrating advanced SD-WAN and network security services. This results in a seamless and secure connection regardless of user location, supporting hybrid work, enhancing productivity, and ensuring business continuity.

SD-WAN

With the growing use of cloud services, traditional WAN architectures often lead to high costs and poor network performance. Athena SASE's advanced SD-WAN solution optimizes network performance and ensures reliable cloud access. It smartly routes traffic based on real-time conditions, reducing latency and enhancing efficiency. This results in cost savings, improved performance, and seamless cloud connectivity, enabling organizations to stay competitive in the digital era.

Cross-Border Traffic Acceleration

International operations often grapple with unreliable and slow cross-border connectivity, hampering productivity. Athena SASE mitigates these issues through its traffic acceleration feature powered by a global private SD-WAN backbone, optimizing network connectivity across borders. The result is enhanced communication and collaboration between globally distributed teams, improved user experience, and more cost-effective international connectivity.

🛡️ Threat Prevention

The evolving threat landscape continually tests organizations' network security. Athena SASE responds to this challenge with its award-winning AI-driven threat prevention solution, armed with a full suite of network security services. Consequently, organizations can enhance their security posture, maintain business continuity, and ensure a secure operational environment against emerging cyber risks.

📋 License Information & Ordering Guide

Secured Global Access:

Feature	SGA Essential	SGA Premium	SGA Ultimate
User Directory Integration (SSO/MFA)	Y	Y	Y
Application Control	Y	Y	Y
URL Filtering	Y	Y	Y
Bandwidth Management	Y	Y	Y
TLS/SSL Inspection	Y	Y	Y
Advanced Threat Prevention	Y	Y	Y
Content Audit	Y	Y	Y
C2 Detection	-	Y	Y
Malware Protection	-	Y	Y
IPS	-	Y	Y
DNS Security	-	Y	Y
Peripheral Control (Port, Watermarking)	-	-	Y
Endpoint Posture Compliance	-	-	Y
Endpoint Detection & Response	-	-	Y

Secured Global Access:

SKU	Description
SGA-ESS-XXX-YY	X year subscription to Secured Global Access Essential Bundle, including User Authentication, Granular Application Control, URL Filtering, SSL Decryption, Content Audit, Reporting & 24*7 Software and Technical Support.
SGA-PM-XXX-YY	X year subscription to Secured Global Access Premium Bundle, including User Authentication, Granular Application Control, URL Filtering, SSL Decryption, Content Audit, Reporting, DNS, IPS, Cutting-Edge AI-Powered Malware Protection & 24*7 Software and Technical Support.
SGA-ULT-XXX-YY	X year subscription to Secured Global Access Ultimate Bundle, including User Authentication, Granular Application Control, URL Filtering, SSL Decryption, Content Audit, Reporting, IPS, Cutting-Edge AI-Powered Malware Protection, Endpoint Security, Data Leak Prevention & 24*7 Software and Technical Support.
Optional Subscription	
SGA-IPA-1Y	1 year 1 Dedicated Public IP Address.
SGA-ACC-1M-1Y	1 year subscription of Athena SASE Cross Border Traffic Acceleration, 1Mbps, per location.
SGA-ACC-5M-1Y	1 year subscription to Athena SASE Cross Border Traffic Acceleration, 5Mbps, per location.
SGA-ACC-10M-1Y	1 year subscription to Athena SASE Cross Border Traffic Acceleration, 10Mbps, per location.
SGA-ACC-100M-1Y	1 year subscription to Athena SASE Cross Border Traffic Acceleration, 100Mbps, per location.

Note: XXX : user bundle range YY: # of year(s)

Zero Trust Guard:

SKU	Description
SA-ZTG-XXX-YY	# year(s) subscription for Sangfor Zero Trust Guard (ZTG) module. This subscription can only subscribe for XXX end users, including a native cloud service that provides native Zero Trust Network Access, Dynamic Endpoint Posture Compliance, Application Dynamic Protection Policy & Log Audit. 24*7 Software and Technical Support. (Private Access Connector is not included).
SA-ZTG-SPA-YY	# year(s) subscription for the Sangfor Zero Trust Guard app connector. Supports up to 400 Mbps per connector.
SA-ZTG-3RD-YY	# year(s) subscription for the Sangfor Zero Trust Guard third-party gateway via an IPsec tunnel. Supports up to 100 Mbps per connector/gateway.

Note: XXX : user bundle range YY: # of year(s)

Sangfor Athena SASE - Secure, Agile, and Everywhere

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AVAILABLE SOLUTIONS

Cybersecurity

Athena NGFW - Next Generation Firewall
Smarter AI-Powered Perimeter Defense

Athena EPP - Endpoint Protection Platform
The Future of Endpoint Security

Athena SWG - Secure Web Gateway
Secure User Internet Access Behaviour

Athena NDR - Network Detection and Response
Intelligent Detection and Response Platform

Athena XDR - Extended Detection and Response
The Best Fusion of SecOps and GenAI

Athena MDR - Managed Threat Detection & Response Service
The Cyber Guardian of Your Business

IR - Incident Response
Sangfor Incident Response – One Call Away

TIARA - Threat Identification, Analysis and Risk Assessment
Smart Threat Analysis and Assessment

Athena SASE - Secure Access Service Edge
The Smarter, Simpler, and More Secure Way to Connect

SD-WAN
Boost Your Branch with Sangfor

Cloud Computing

HCI - Hyper-Converged Infrastructure
Fully Converge Your Data Center

VMware Alternative
The Ideal Platform to Streamline Your off-VMware Journey

aDesk - Virtual Desktop & Virtual App Solutions
Seamless Experience, Secure and Efficient

EDS - Enterprise Distributed Storage
The Only Secured Data Storage You Need

MCS - Managed Cloud Services
Your Exclusive Digital Infrastructure

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