

Introduction

Alepo's FTTH (Fiber-to-the-Home) Broadband AAA represents a cutting-edge approach to managing and optimizing broadband networks. Tailored specifically for the unique requirements of FTTH networks, it enables service providers to deliver high-speed, reliable, and scalable broadband services directly to subscribers' homes.

“Alepo enabled us to rapidly enter the FTTH market in Chile.”

Christopher Adam Laska,
CEO, WOM

Key Capabilities



High-Performance AAA Framework

Ensures carrier-grade performance with 99.999% availability, specially tailored to meet the high throughput and ultra-low latency demands of FTTH networks.



Advanced Policy Management

Enables operators to create and enforce flexible access and usage policies in real time, meeting diverse customer needs and allowing varied service offerings.



High-Performing Scripting Engine

Enables operators to implement custom authentication and authorization rules, boosting operational efficiency by enabling faster deployment and minimizing errors.



Signaling Noise Mitigation

Addresses network disturbances by intelligently managing and strategically redirecting disruptive authentication requests, thus ensuring sustained optimal network performance.



Scalability and Reliability

Supports seamless network expansion with its advanced stateless design and ensures consistent high availability through redundancy, crucial for growing high-performance networks.



Seamless System Integration

Guarantees easy integration with existing OSS/BSS and third-party systems, facilitating a smooth transition to FTTH services without disrupting legacy operations.



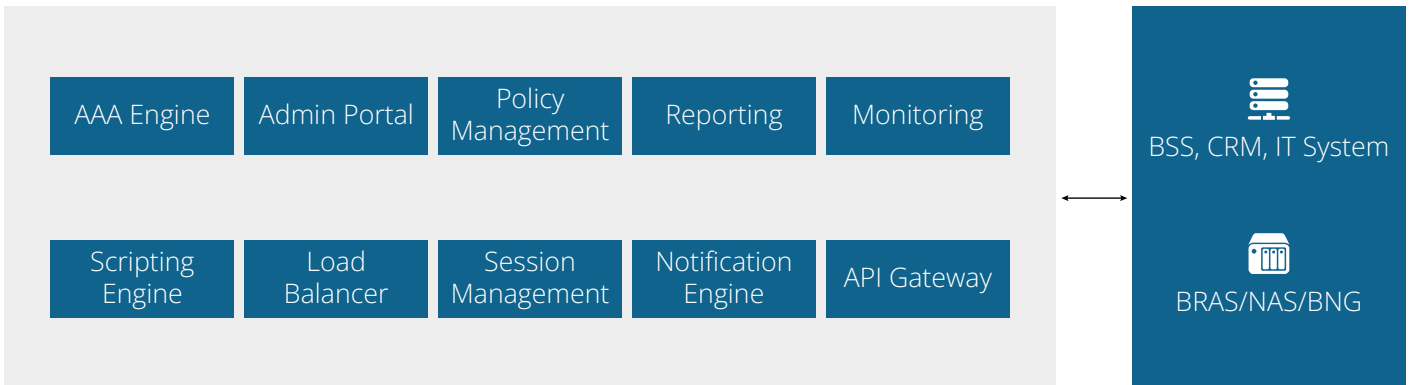
Intuitive Web-Based Management

Streamlines configuration, management, and monitoring. This user-friendly administration portal helps operational teams to centralize control and enhance service quality.



Centralized Management and Monitoring

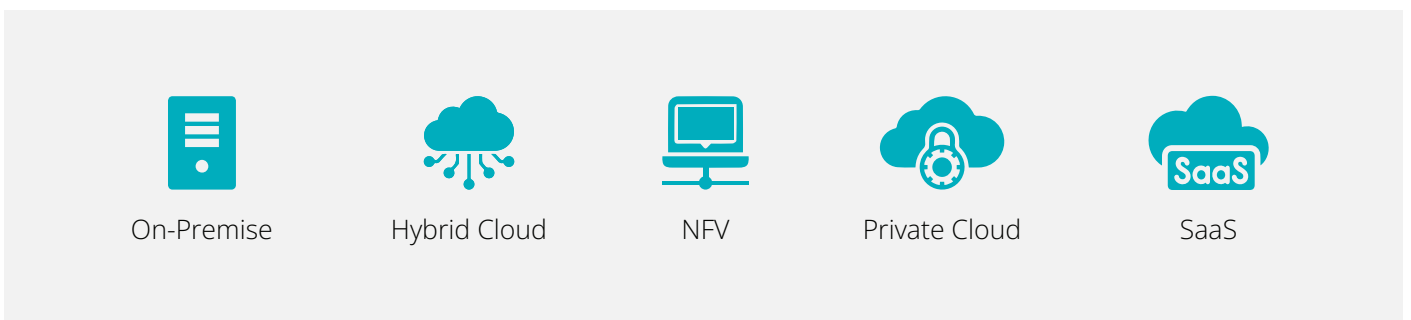
Simplifies AAA node management and provides a comprehensive network health overview, ensuring efficient operation and quicker, proactive troubleshooting.



Key Benefits

- § Guarantees high reliability with carrier-grade uptime.
- § Allows flexible, customizable broadband service offerings.
- § Boosts efficiency with advanced scripting for dynamic configurations.
- § Mitigates signaling noise to prevent congestion and improve service delivery.
- § Facilitates network expansion while maintaining peak performance.
- § Offers an intuitive web-based portal for simplified operations.
- § Provides centralized monitoring for quick issue resolution.
- § Ensures seamless integration for a smooth FTTH service rollout with minimal disruption.

Flexible Deployment Modes



Why Alepo

Alepo AAA strategically positions service providers to leverage the expanding FTTH market by offering a platform that combines superior performance, extensive customization, and future-proof integration capabilities. This ensures the satisfaction of current broadband demands and the agility to adapt to evolving technological landscapes.



Carrier-Grade Reliability

Delivers 99.999% uptime for uninterrupted, high-speed FTTH broadband services.



Flexible Policy Management

Enables real-time, customizable access and usage policies for diverse customer needs.



Scalable and Integrative

Supports network growth and seamless integration without compromising performance.

