

PRODUCT OVERVIEW

AdaptiveMobile Messaging Security

NEXT GENERATION PROTECTION PLATFORM

Whether from regulatory compliance or subscriber complaints over spam, every mobile operator today is striving to maintain the profitability of their SMS, MMS and RCS messaging services. Yet these services remain the most widely used and commercially valuable form of messaging.

For Mobile Network Operators, Messaging Aggregators and CPaaS providers to protect and grow their business in this hyper-competitive mobile messaging market, and with the challenges of 5G networks emerging, a state-of-the-art security solution is required, that brings with it a track record of industry success.

This dual challenge is met by AdaptiveMobile Security's Next Generation Messaging Protection Platform (MPP). This major new release of the platform provides mobile operators with a significantly enhanced, fully customizable, easy to deploy solution. Our customers can control, manage, detect, analyze and thus prevent unlawful and illegitimate threats and abuse on their networks, while continually ensuring subscribers receive the messages they should.

Combining our new advanced configuration platform, cutting-edge real-time threat detection algorithms, enhanced post processing and analytics techniques, with our world-renowned Threat Intelligence Service, AdaptiveMobile MPP delivers the ultimate in subscriber messaging protection.

Platform Benefits

- Best in class protection with industry-leading, proprietary discovery algorithms
- Faster identification and prevention of threats and spam abuse
- High Availability, fault tolerant system, ensuring a 99.999% telecom grade solution
- Integrity and safety of information to meet regulations and protect customer data
- Ability to use our proprietary algorithms or build your own, to detect, analyze and respond to threats in real-time
- Multi-protocol deployment integration
- Support for a wide range of network types and traffic rates
- Scalable from the smallest to the largest network traffic volumes
- Cloud Native Architecture and deployment
- Context focused UIs to ensure ease of use and reduced administrator training
- Fully secured solution developed to ISO 27001 standards

Typical Applications

- Detect and prevent threats and attacks in real time and with enhanced flexibility to analyze all details of a message
- Identify and stop bad actors in real time, covering P2P or A2P messages, using our advanced algorithms and techniques
- Block spam and unsolicited messages based on source, using the intelligence feed from our Threat Intelligence Service
- Reduce fraud and protect your subscribers' personal identifiable information (PII) by preventing SMS phishing (Smishing)
- Identify SIM banks and block grey routes using the ability to analyze all details of messages on your network
- Improve revenue generation from legitimate brands' service messages, using analysis and detection techniques
- Protect your brand by enhancing subscriber protection and blocking competitive operator messages
- Comply with regulatory guidelines and prevent potentially expensive regulatory involvement

Messaging Security Circle of Trust

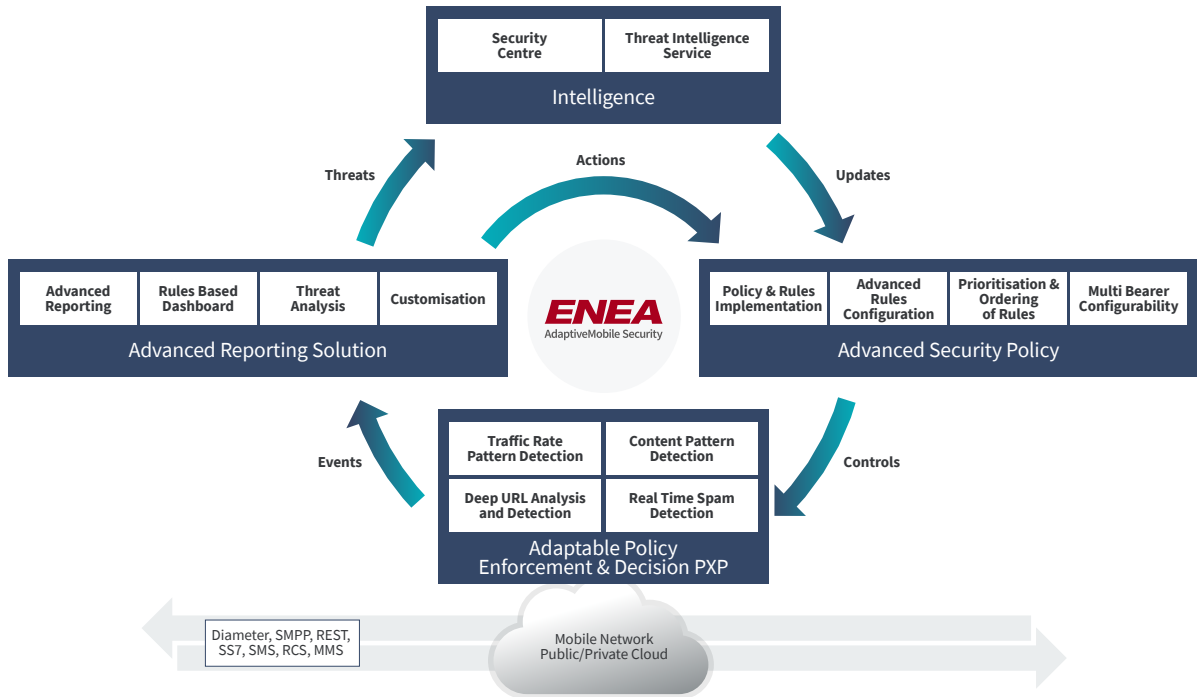


Figure 1 – AdaptiveMobile Messaging Protection Platform

Key Features

- Adaptable rule creation process tailored to identifying, protecting and responding to suspicious network activity
- Multi-bearer capabilities within a single policy, made up of rules and rulesets customized to your network
- Orderable rules to ensure clean messages are processed safely and quickly
- Version control of your security solution to ensure any changes can be tracked or reverted quickly if required
- Context friendly user interface with the ability to customize your user experience
- Performant user interface, essential to responding to threats in real-time
- Post-processing aggregation and clustering capabilities using enhanced leading-edge techniques for early threat detection
- Advanced reporting platform built on a scalable big data architecture
- Extensive reporting dashboards based on traffic content patterns
- Ability to create dashboards for specific users and use cases
- Actionable insights into traffic patterns and irregular activity
- Experienced security analyst review on network traffic as part of our Threat Intelligence Service offering

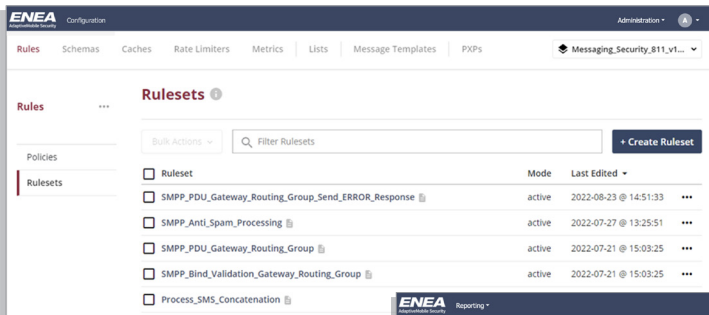


Figure 2 – Rulesets

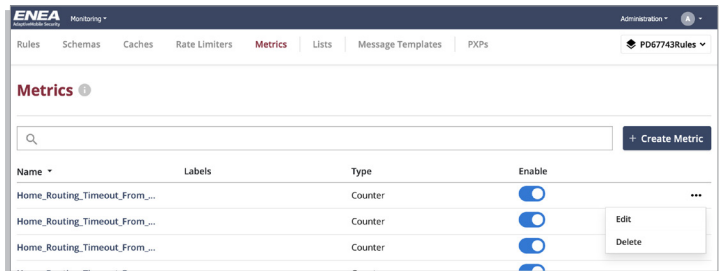


Figure 4 – Metrics

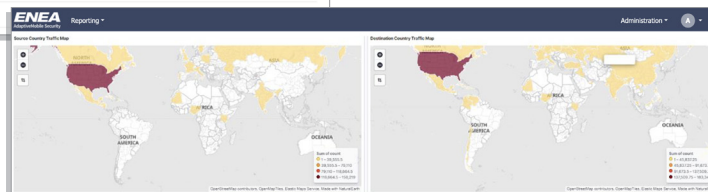


Figure 3 – Reporting Traffic Map

Advanced Installation and Deployment

- Kubernetes architecture that is capable of being deployed in the cloud, in a virtualized environment, or on bare metal
- Architecture that is simple and easy to deploy, maintain, expand and upgrade.
- Monitoring solution with expansive system wide visibility of traffic, system and node statistics
- Alerting solution with flexibility to create alerts for platform subsystem status monitoring
- Alarming solution with capability to use SNMP hook integration for the platform subsystem management
- Full system audit capabilities through logging of access and change control
- Advanced user management with the ability to integrate into your 3rd party authentication systems
- Security through assured compatibility with specific, ever-evolving, operating systems

Advantages of AdaptiveMobile Messaging Security

- The market leading platform for mobile operators around the world, continually delivering industry leading messaging security innovations
- The most comprehensive messaging security platform available today
- Proven through deployment in over 40 networks, including some of the largest messaging environments in the World
- Multi-function and multi-bearer platform so operators can deliver additional services and gain further benefits from their investment
- Provision of centralized and dynamic security management capabilities and intelligent reporting across all messaging bearers (SMPP, SIGTRAN, MMS, RCS, REST, Voice)
- Real-time system-wide reputation and traffic analysis rules engine
- Industry-leading false positive accuracy for messaging security
- Industry-leading spam fingerprint and discovery algorithms
- Backed up with the only global Threat Intelligence Service dedicated to mobile messaging threats
- Customers gain membership to AdaptiveMobile's intelligence and security community, benefitting from our continually expanding knowledge from a 2.2 Billion subscriber base

About Enea AdaptiveMobile Security

Enea AdaptiveMobile Security is a world leader in mobile network security, everyday protecting over 80 Mobile Operators and billions of mobile subscribers and devices globally from fraudsters, criminals and nation states. We have the strongest 5G core network security team, who are designing, planning and building the very best in 5G core network security solutions focussing on threat-intelligence, security heritage and protocol correlation.

Enea AdaptiveMobile Security brings a unique security perspective on real-time mobile network traffic. The global insight provided by our 5G, Signalling and Messaging thought leaders, security specialist teams and Threat Intelligence Unit, combined with our signalling and network protection software that sits at the heart of the network, ensures Enea AdaptiveMobile Security remains at the forefront of the latest advancements in mobile networks and their security, and continues to be the trusted partner of many of the world's largest Mobile Operators.

For more information on how Enea AdaptiveMobile Security can help you protect your communications infrastructure, subscribers and revenues, please contact sales@adaptivemobile.com.

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