The need for telecom service providers to react to signalling security threats and messaging service abuse has never been greater. However, in many operator networks today security solution are compromised by the limitations and expense of legacy network infrastructure or incumbent equipment suppliers.

AdaptiveMobile enables mobile operators to break free from these barriers by providing the AdaptiveMobile Signalling Protection Gateway (SPG). The SPG expands AdaptiveMobile’s Network Protection Platform security offerings with powerful network integration, deployment and routing capabilities that allow its best in class Signalling Protection and Messaging Security products to be deployed independently of existing legacy network infrastructure, delivering industry leading security for all operators’ networks and subscribers.

The SPG is an ideal solution for operators who demand telco grade security capabilities. It is available as an appliance or can be deployed into virtualized computing environments, and is underpinned by the world-leading research capabilities of AdaptiveMobile’s Threat Intelligence Unit, providing operators with the latest insight and intelligence on the threats posed to their networks.

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### Features

**Software-only appliance for deployment under VMware or KVM using a single OVF distribution**

- Allows the operator to provision the optimal amount of resource and to select hardware platform of choice

**Worldwide protocol support (including ITU-T, ANSI, China, Japan) for both telephony and transaction-based operation with SCCP Global Title Translation**

- Facilitates global deployments and the ability to configure protocol variants at runtime

**Screening and routing based on OPC, DPC, SCCP Called & Calling Address, SSN, MAP Operation Code and others. Extensive support for Global Title Translation.**

- Puts the operator in control of the way the network is used and allows for flexible routing that will meet the most demanding of requirements

**Supports built in browser and command line interface for OA&M in addition to SNMP**

- Facilitates comprehensive, user-friendly remote management using standard tools without the need for an expensive Element Manager

**Built-in periodic traffic measurements, event logging and protocol tracing (including PCAP format), backed by documented internal interfaces between protocol layers**

- Provides good visibility of utilization and traffic levels; facilitates fast resolution of network protocol issues

**Ability to interwork between different network types including National/International, ETSI/ANSI and support for Alias Point Codes**

- Resolves basic interworking needs without requiring external protocol conversion

**Flexible capacity-based licensing**

- Allows increased platform capacity to be added over time to match deployment needs

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### Benefits

**Facilitates global deployments and the ability to configure protocol variants at runtime**

**Puts the operator in control of the way the network is used and allows for flexible routing that will meet the most demanding of requirements**

**Facilitates comprehensive, user-friendly remote management using standard tools without the need for an expensive Element Manager**

**Provides good visibility of utilization and traffic levels; facilitates fast resolution of network protocol issues**

**Resolves basic interworking needs without requiring external protocol conversion**

**Allows increased platform capacity to be added over time to match deployment needs**
Flexible Deployment Configurations

- Deployment options comprise In-line or adjunct to legacy STP
- Support for passive monitoring mode to quickly identify threats as part of a phased approach
- Available as appliance or virtualized node
- Hypervisor requirements: x86 platform running VMware vSphere ESXi or KVM on CentOS or RHEL

For discussion of typical use cases, overview of AdaptiveMobile’s existing deployments or a full walkthrough of our customer experience, contact your local office:

www.adaptivemobile.com/contact-us

About AdaptiveMobile

AdaptiveMobile is the world leader in mobile network security protecting over one billion subscribers worldwide and the only mobile security company offering products designed to protect all services on both fixed and mobile networks through in-network and cloud solutions. With deep expertise and a unique focus on network-to-handset security, AdaptiveMobile’s award winning security solutions provide its customers with advanced threat detection and actionable intelligence, combined with the most comprehensive mobile security products available on the market today. AdaptiveMobile’s sophisticated, revenue-generating security-as-a-service portfolio empowers consumers and enterprises alike to take greater control of their own security. AdaptiveMobile was founded in 2003 and boasts some of the world’s largest mobile operators as customers and the leading security and telecom equipment vendors as partners. The company is headquartered in Dublin with offices in the North America, Europe, South Africa, Middle East and Asia Pacific.

www.adaptivemobile.com