

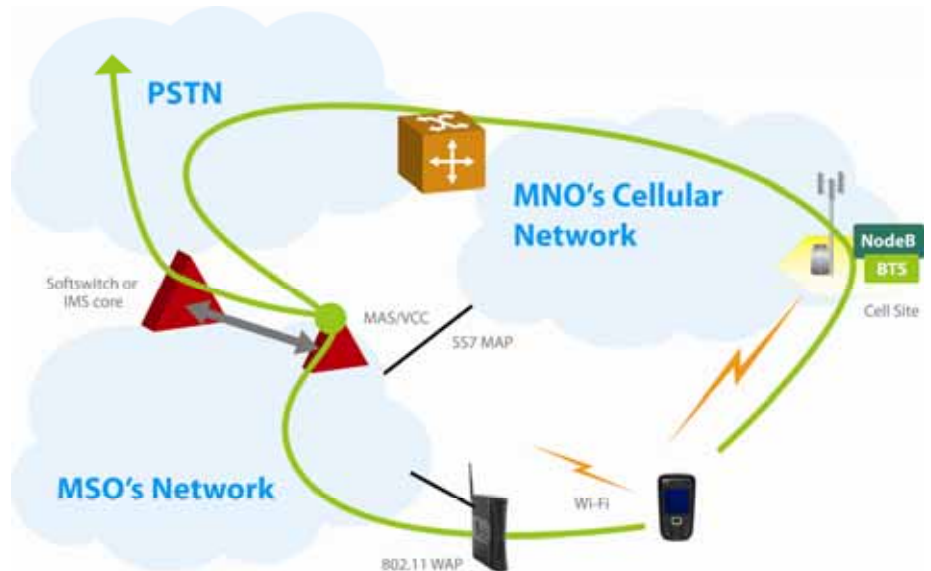


## Mobility Application Server

### Fixed/Mobile Convergence (FMC) and Mobile Virtual Network Operator (MVNO) Support



- Quad-Play service differentiation with innovative and compelling features:
- Low technology risk – complete FMC solution integrates into today's cable networks
- Investment protection – software-only upgrade path to full PacketCable™ 2.0 compliance
- Supports loosely-coupled non-SS7 connected models as well as full FMC
- Works in GSM/UMTS, CDMA and 3G network environments
- Carrier-class and scalable solution
- Comprehensive operations, management and provisioning platforms included



# Mobility Application Server FMC and MVNO Support

ARRIS Mobility Application Server (MAS) is a flexible call processing platform and signaling server from which a range of convergent voice and data services can be launched, providing the operator with complete flexibility in the definition and timing of their mobile voice strategy.

- Improve the business case for mobile by offloading mobile traffic to landline
- Reduce cannibalization of landline voice revenue by integrating landline service with mobile
- Provide control over mobile service and costs for both voice and data with techniques like anchoring and least-cost routing
- Thoroughly field proven platform with carrier levels of reliability and scalability demonstrated in multi-million subscriber deployments

## Applications

### ARRIS MAS – Dual Mode Fixed/Mobile Convergence (FMC)

Dual-Mode FMC allows operators to offload 30-40% of mobile voice traffic from the mobile network, significantly reducing MVNO fees and creating a far stronger business case for MVNO mobile service. Subscribers benefit from the improved call quality and lower calling costs whenever Wi-Fi connectivity is available. The ARRIS Mobility Application Server supports FMC in both pre-IMS and PacketCable 2.0/IMS cable architectures. The MAS can interface to an existing switch or to an IMS core, providing all the functions required to implement FMC with seamless roaming and handover between the landline and mobile networks

### ARRIS MAS – MVNO Anchoring Gateway

The ARRIS MAS provides operators with a high degree of control over the mobile services and associated costs. Acting as an Intelligent Network Service Control Point (IN SCP) and Gateway Mobile Switching Center (G-MSC), the ARRIS MAS allows originating and terminating mobile calls to be anchored within the cable operators network. This allows re-use of existing interconnect facilities and transport/service infrastructure to support mobile services while providing support for least-cost routing and short code services.

### ARRIS MAS – Single Number Service

Even before mobile services are launched, ARRIS Mobility Application Server can provide operators with compelling and attractive pre-quad-play services that help to differentiate existing landline offerings, drive subscriber and ARPU growth, and provide a technology and marketing basis from which to ensure strong subscriber uptake with the mobile offering is launched.

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