

# AMDOCS REAL-TIME DATA CHARGING GATEWAY

## INTRODUCTION

Today, the growth explosion in both data applications and data usage for mobile phones is well-known. The Telecommunications Industry Association (TIA) expects that in 2009, service revenue from wireless data will surpass that of wireless voice and 84 percent of service revenue growth to come from wireless data by 2011\*. As a result, the need for data charging solutions for both pre and post-paid mobile subscribers has increased, and mobile operators must provide robust on-line charging of all data services, regardless of the particular equipment or interfaces in use.

Amdocs provides a few solutions for real-time data charging as part of its Amdocs Compact Convergence Suite supporting common network protocols such as CAMEL phase 3, diameter and HTTP. However, there are situations when the operator's mobile network can support mobile data services not using CAMEL or Diameter. In these instances, the Amdocs Data Charging Gateway (DCG) provides advanced IP-based packet inspection for subscriber number identification supporting both prepaid and postpaid data charging. It also enables the controlling, blocking and redirecting

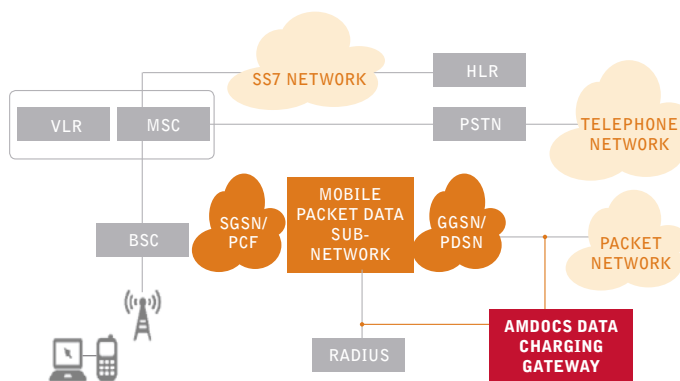
of subscribers' data sessions according to the service provider's policy and subscribers' account profiles and permissions. And, because of its wide range of supported interfaces, Amdocs DCG can integrate with different types of networks, or different types of the billing systems, switching or data equipment.

## KEY FEATURES

- > Advanced IP-based packet inspection
- > Subscriber identification and authorization
- > Analyzes subscriber usage based on the following charging parameters – Access Point Name (APN), URL, Volume, Time, and more – and provides information to real-time charging system
- > Supports session blocking and re-direction based on APN, URL or charging system's instructions
- > Data records generation for all processed sessions/transactions
- > SNMP support for integration with operating and maintenance systems
- > High availability solution
- > Highly scalable and flexible – powerful graphical configuration tool

## KEY BENEFITS

- > Real-time IP session control
- > Pre-integrated with Amdocs Charging/Billing and can be integrated with other billing systems using standard protocols
- > Supports a wide range of interfaces and protocols (RADIUS, HTTP, etc.)
- > Minimizes revenue loss/leakage in real-time
- > Low integration costs and overall lower cost of ownership
- > Fast time-to-market



\* *Phone Plus Magazine* "Inflection Point: Wireless Data Growth Offers New Opportunities" by Tara Seals 5/15/2008

## ABOUT AMDOCS NETWORK BUSINESS UNIT:

The Amdocs Network Business Unit offers network connected convergent real-time charging and service delivery solutions specifically addressing the requirements and cost constraints of high-growth service providers worldwide. These solutions deploy quickly and enable operators to rapidly create, deliver, manage and charge for innovative new services profitably, and with unmatched operational flexibility for true competitive advantage. For more information, visit [www.amdocs-network.com](http://www.amdocs-network.com)