



## Focus on What You Do Best and Leave Billing to Us

Communications service providers operate in ultra-competitive environments, where efficiency, quality, and unique service offerings set winners apart from losers. While most carriers have a firm grip on service offerings, accurate and timely billing continues to elude many operators.

With nubill, carriers can stop worrying about running effective billing and customer care systems, and focus more on core competencies. nubill ensures accurate and timely billing, while simultaneously minimizing revenue leakage and meeting customer care requirements. nubill is an application service provider (“ASP”), which offers hosted billing, customer care, and related solutions, which cover the following and more:

### Mediation

Aggregate, correlate, and generate, in real-time, usable billing records from all network elements. nubill's mediation engine can capture and prepare for billing all usage data from the network, on a real-time or batch basis. Supported data collection protocols include Radius, SOAP, Diameter, TCP, UDP, FTP, Serial, ODBC, ADO, dial-up, direct file, and more. nubill's mediation engine supports nearly 800 billing record formats, coming from every major equipment manufacturer.

### Provisioning

Provision services automatically or on demand through nubill's provisioning services. Subscribers expect to be able to order services via many methods, such as online or by phone. Subscribers also expect services to be enabled within minutes. nubill empowers carriers to meet these demands via its provisioning services.

### AAA

Authenticate, Authorize, and Account for subscriber sessions. With nubill's integrated AAA services, carriers can pass off key information in prepaid or postpaid billing scenarios, to authenticate and authorize subscribers' network usage, and to control the amount of usage by passing account balance and allowed usage metrics back to carriers' networks.

## Inventory Management

Track and manage inventory. Whether carriers need to manage customer or partner premises equipment, or other critical assets, nubill's inventory management enables carriers to control network assets.

## Customer Care

nubill provides web interfaces for customer service representatives (CSRs), agents, partners, and customers. The customer portal, for example, offers browser based access to view usage histories, pay invoices, order services, submit service requests, etc. Via Smart Client technology, nubill provides carriers access to all aspects of billing to track and/or manage operations at any time, from anywhere in the world.

## Fraud Management

Fraud issues are addressed across multiple dimensions, including but not limited to access authorization, data reconciliation, alarms and reports, and White/Grey/Black lists.

When authorizing network access, nubill can go far beyond traditional balance based authorizations. nubill can also authorize by service type, origin and destination, and other factors, based off multifaceted rules, that even take into account issues like past user account abuses.

Throughout data processing, nubill can identify the tell-tale signs of fraud and abuse, and in real-time generate alerts for appropriate personnel within the carrier's organization. nubill customers can protect their networks and profitability from day one with nubill's fraud detection.

## Revenue Assurance

Associate all network usage with customer, partner, or reseller accounts, and flag all data which fails to bill. Reports and alerts help to uncover areas of revenue leakage, such as misbilled network activity. Identify under-used or stranded equipment ready to be put back into production with nubill's inventory management and services provisioning to reduce the amount spent on new equipment.

## Taxation

Automate taxation for domestic and/or international based subscribers. In partnership with CCH, nubill provides complete communications services taxation to provide end-to-end hosted billing services for voice, video, data, and/or content carriers.

For more information, contact nubill today online at [www.nubill.com](http://www.nubill.com) or by phone at 1.800.583.3440.