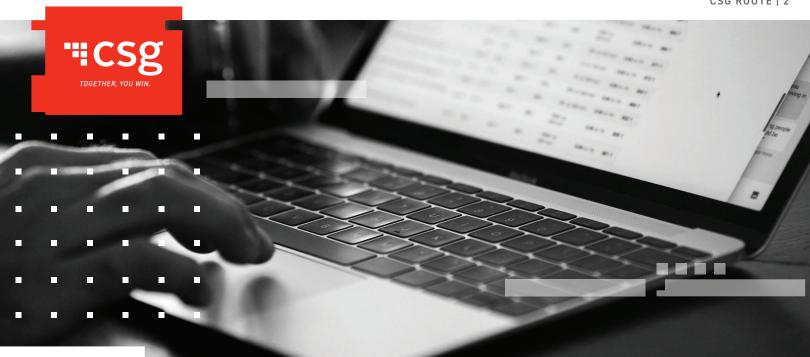# CSG ROUTE

BOOSTING PROFITABILITY AND CONTROL WITH END-TO-END INTERCONNECT TRADING AND ROUTING

Buying and selling international traffic is a critical component of the wholesale telecom business. It requires precision, market-responsiveness and the coordination of many parts of the organization. CSG Route, the most widely deployed Routing and Trading system in the world, with over 50 active customers, helps you to minimize the cost of interconnect, and more effectively manage your revenue-critical inter-carrier business.

CSG Route combines optimized routing, dynamically selecting preferred routes based on an array of customer-configurable algorithms; automated provisioning of routing logic against all of the world's leading switch types, and a 'routing desk', providing hands-on control, visibility and insight to the intercarrier side of the business.

IMPROVING MARGIN MANAGEMENT

The speed and complexity of today's wholesale market demands that operations are streamlined and automated. Disconnected, manual applications are no longer viable when rates and best routes can change hourly.

CSG Route provides operational control of traffic trading and routing along with automated network provisioning of commercial routing orders, from a single integrated system.

PROFITABLY COMPETITIVE

Buying is one of the most complicated and time-consuming processes in the international wholesale business. Ever-changing supplier rates and the varieties of dial code definitions in the telecoms environment demand close attention and precise control.

The ability to react quickly to an attractive supplier offer is vital. CSG Route automatically processes and validates the price lists, rates, area codes and quality indicators offered by other carriers.

TELIA COMPANY

"CSG'S TRADING AND ROUTING SOLUTION PROVIDES US WITH AN INTEGRATED TOOL TO ENSURE QUALITY, FLEXIBILITY AND ACCURACY IN MANAGING COMPLEX INTER-CARRIER RELATIONSHIPS."

It recognizes and stores each supplier's numbering plan and automatically maps the destinations, enabling it to rank suppliers and instantly identify break-out opportunities.

CSG Route's configurable algorithms let you define different routing strategies based on margins, rates, quality, capacity, volume commitments, traffic patterns and agreement fulfillment strategy. Variable time-of-day routings are supported, and CSG Route gives you constant access to the latest quality and capacity data.

The system automatically transforms routing decisions into command files provisioned against the network. This reduces the number of manual and error-prone tasks typically associated with route changes, and improves your ability to take advantage of profitable routing opportunities as soon as they become available. Advanced provisioning features include Destination, Customer Unique Routings, and Composite Products.

INTELLIGENT TRADING

CSG Route makes tariff-setting quick and easy, automatically calculating multiple cost definitions based on actual or future routing structures and price lists with customer-specific layouts, and supporting on-the-fly rate negotiations.

A set of reports with drill-down functionality for traffic, revenue, cost, and margins is available. CSG Route reports on actual cost savings, loss and profitability, giving you a complete view of business performance in real time.

Carriers can define their specific product portfolio and business models, and create preferred options, while CSG Route automatically identifies the most

profitable breakout opportunities and purchase options. Personalized business alerts enable immediate action.

Standard business performance reports include revenue, product performance, profitability, minute margin, termination cost, traffic, quality, network utilization and more.

BENEFITS

→ Reduce interconnect costs without sacrificing quality through automated routing decisions

→ Improve margins with streamlined, automated provisioning of routing decisions

→ Leverage commercial insights with all Routing and Trading data viewable in a single window and populated dynamically

→ Exploit opportunities by creating multiple routing algorithms with unique parameters

→ Maximize ease of use with an adaptable user interface

→ Minimize implementation effort through quick-start program

→ Enjoy a smooth and painless migration to NGN through seamless support of TDM and VoIP technologies

CSG

TOGETHER, YOU WIN.

FACTS & FIGURES

→ Over 50 active customers

→ Routing & Trading optimization for NGN, VoIP, and TDM Networks

→ Supports blended networks and the most common carrier switches:

>   → Alcatel Lucent
>   → Cisco
>   → Ericsson
>   → NetNumber
>   → Nokia Siemens Networks
>   → Nortel Networks
>   → Huawei

→ Italtel

→ NEC

→ Veraz

→ Voizbridge

→ Sonus

→ Xener Systems

→ IN Routing server API

→ Offers advanced provisioning features such as: Destination, Customer Unique Routings, and Composite Products

→ Standalone or fully integrated with CSG Interconnect and/or the CSG Wholesale solution

Customer Price Sheets

Supplier Price Sheets

Complex Agreements

CSG INTERCONNECT

SUPPLIER & CUSTOMER PRICING WITH ASSOCIATED DIAL-CODES

ACCOUNT MANAGERS

Management of buy and sell agreements

REPORTING DASHBOARDS ALERTING LOADERS APIS

Management of international dial-codes and routing

NUMBER PLAN & ROUTING MANAGERS

QUALITY CONTROLLERS

Test and monitor quality of service being delivered

Provision new dial-code and routing plans in the network

SWITCH & NETWORK PLANNERS

TEST RESULTS

TEST CALLING

NETWORK EDR

ROUTING PLAN SWITCH UPDATE

DIAL-CODE PLAN SWITCH UPDATE

REMOTE TEST NETWORK

NETWORK