

NovaTel Systems

Telecommunications Application Solutions



STATPAK

StatPak effectively analyses the network and delivers reliable traffic analysis information to multiple departments in telecommunications organisations.

Commercial departments use **StatPak**:

- ◆ to give their traders the ability to ensure that agreed routings have been implemented downstream.
- ◆ to provide early warning of negative margins caused by incorrect routings.

Network engineers use **StatPak**:

- ◆ to monitor the traffic through the network
- ◆ to plan, optimise and manage the network efficiently.

StatPak calculates *key-performance-indicators* for each carrier/destination to which traffic is routed for the monitoring and managing of Service Level Agreements on a day-to-day basis.

STATPAK Benefits:

Switch Engineers: Real-time unified views of network performance.

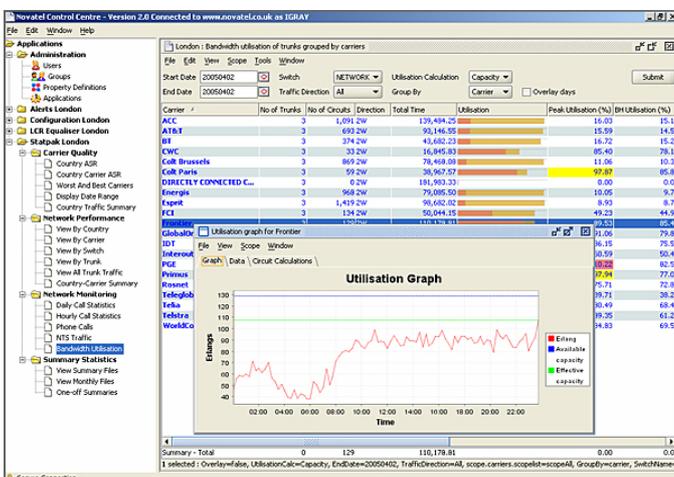
Traders: Immediate feedback and assurance that the profitability negotiated is profitability actually delivered - **StatPak** closes the loop.

Finance Department: Cost reductions through the matching of network usage to capacity, "just-in-time" network development and reduced wasted advance expenditures.

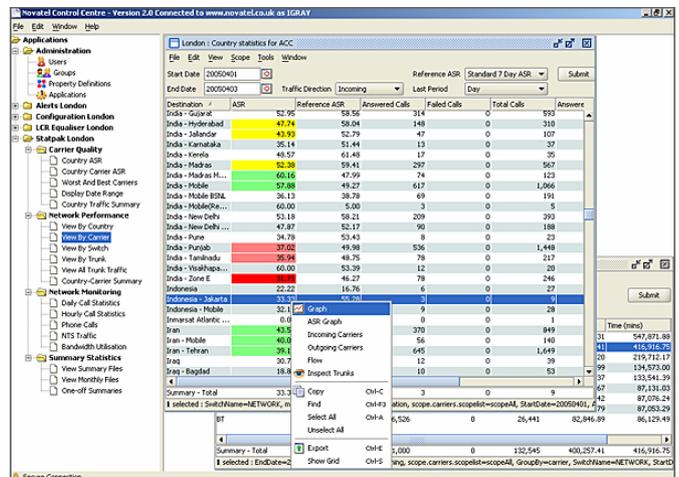
Customer Service Department: Draws early attention to any quality problems, provides early warning of customer satisfaction.

Operations: Verifies SLA performance.

Key Customers: Access to their statistical data.



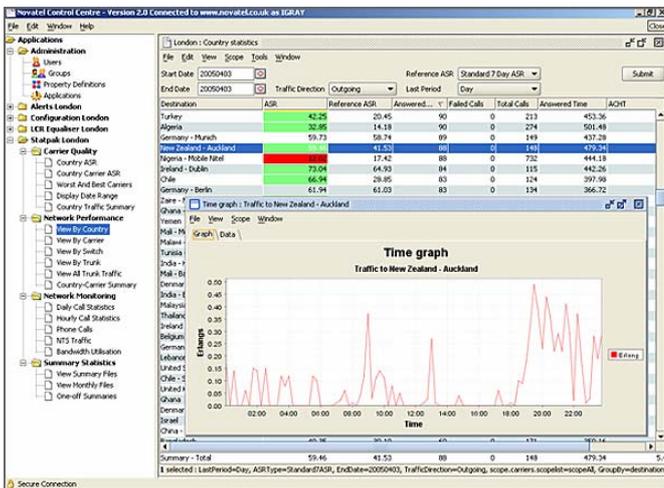
Bandwidth Utilisation graph - Optimise your network by analysing the capacity for every trunk and carrier in your network.



StatPak Application - Analyses traffic based on destination, carriers, switches and trunks.

STATPAK Features:

- ◆ Displays traffic profiles by carrier, country and trunk group
- ◆ Displays answered and total calls and minutes from/to any selected carrier or country
- ◆ Provides comprehensive FIND, SORT, FILTER and GROUPING functionality
- ◆ Monitors carrier quality using ASR and average call holding time (ACHT) information
- ◆ Highlights bandwidth utilisation graphically
- ◆ Compares actual to planned routings (LCR)
- ◆ Monitors ASR profile throughout the day in 15-minute increments
- ◆ Gives real-time updates - as timely as CDR delivery
- ◆ Offers easy, company-wide access with full security features
- ◆ Displays data in multiple formats:
 - Numerical
 - Graphical
 - Fully exportable
- ◆ Highlights busy hours and average call holding times
- ◆ Monitors NTS traffic (type, customer, phone) Alerting function may be configured to monitor:
 - ASR - relative change or absolute thresholds
 - Capacity
 - ACHT
- ◆ Drill-down to individual phone calls
- ◆ Integrates seamlessly with **Switch**



Country ASR's Table and Graph - Graphs can be tracked.

Deployment Options:

On Demand: A hosted version of the application using secure internet connections for access. Quick, simple and low in cost to set up, charged on a per user basis.

On Appliance: A turnkey delivery on the appropriate hardware which is managed on the customers behalf. Can be installed in the NovaTel data centre or in the customers own.

On Site: Outright purchase or lease of the application by the customer and installed on the customers own infrastructure.

Stat can be deployed with any commercially available relational database, ORACLE, DB2, Sybase or MySQL.



Stat is part of the Control Centre Suite of Applications. Other applications in the suite are **Analyzer**, **Planner**, **Switch**, **Money** and **Roam Tracker**.

ABOUT NOVATEL SYSTEMS

NovaTel Systems, founded in 1998, is a UK based software applications and services company specialising in the development and deployment of analytical and management solutions for the telecommunication industry.

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