

NovaTel Systems

Telecommunications Application Solutions



SWITCH

Switch enables automated real-time provisioning of routing plans and dial plans to your switch network. This results in:

- ◆ Faster response to business opportunities
- ◆ Reduced operator error
- ◆ Saved labour costs
- ◆ Greater profitability

Switch provides an easy to use Graphical User Interface to the physical switch enabling non-technical personnel to easily manage routing plans using familiar destination and carrier names.

Faster turnaround from commercial decision to implementation with **Switch** enables rapid responses to changing business needs and opportunities, with consequent impacts on bottom line profitability.

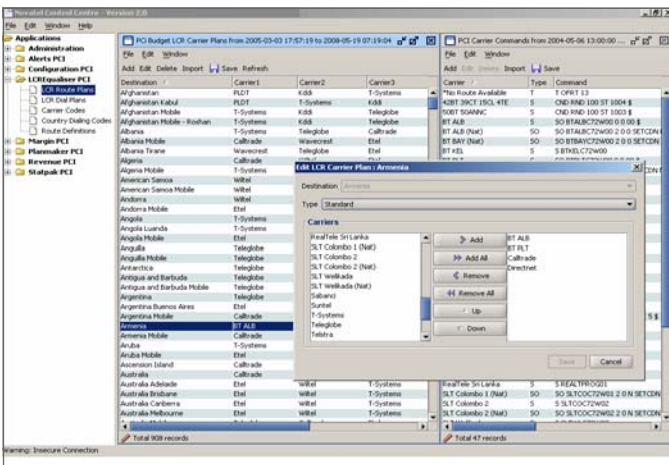
Switch enables routing control at the network level with internal loop avoidance even in a multi-vendor environment. **Planner** can use **Switch** for the easy and timely provisioning of routing plans to your switch network.

Switch is able to route traffic on either a percentage basis, by time-of-day or on as an absolute, these options can be used on a route by route basis giving a high degree of flexibility in how the user can manage the traffic.

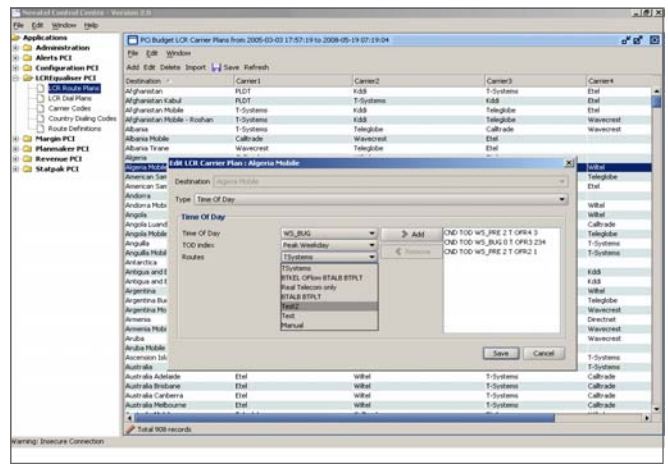
Switch can interface with the **Stat** application in order to automate routing changes as the network performance changes.

Switch has user definable rules that can be set up so that if there are changes in the performance of a route, such as a fall in the ASR then **Switch** will re-route the traffic according to the rules in the system. It will alert the users to this via e-mail or SMS. Also a full log of the changes is kept to provide an audit facility for later review if required.

The automation has three levels, automatic notification so the user can make the changes, **Switch** can notify advising of a change which the user can then "click" to execute or **Switch** can carry out the change automatically and just notify the user of the change.



Least Cost Routing Plan – Easily manage carrier selection order for each destination.



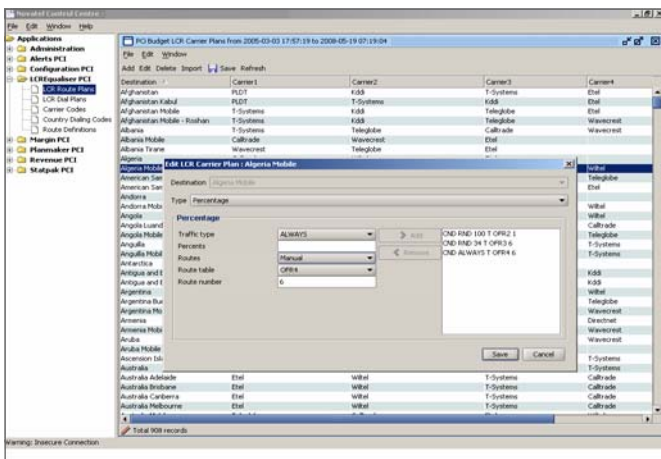
Time of Day Routing - Manage multiple routes per destination based on time of day.

SWITCH Features:

- ◆ Easy to use graphical user interface
- ◆ Tools to manage LCR and Dial Plans
- ◆ Time of Day Routing
- ◆ Percentage Based Routing
- ◆ Support for LCR Plans
- ◆ Bulk management of switch partitions
- ◆ Ability to easily upload bulk data to switches
- ◆ Import and export facilities
- ◆ A two-way interface ensures that any changes to switch configuration are synchronised and reflected in **Switch**
- ◆ Full error handling

SWITCH Benefits:

- ◆ Enables quick implementation of routing changes
- ◆ Hides the complexities of the switch control from the non-technical user
- ◆ Increases profitability
- ◆ Easy to operate with minimal training required
- ◆ Optimises use of the network
- ◆ Limits opportunities for human error when updating a switch
- ◆ Provides better utilisation of limited resources
- ◆ Reduces costs
- ◆ Gives significant bottom line savings



Percentage Routing – Enables percentage routing control to multiple carriers for selected destinations.

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.

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



Switch is part of the Control Centre Suite of Applications. Other applications in the suite are **Planner**, **Stat**, **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.

NovaTel Systems Ltd, IBEX House, 42-47 Minories, London EC3N 1DY, UK
t. +44 (0) 207 481 3400, f. +44 (0) 207 481 3450, www.novatel.co.uk