

# NovaTel Systems

Telecommunications Application Solutions



## ANALYZER

The **Analyzer** application has been designed to enable Telecoms Carriers to model their network using "live" traffic data and network configuration information. **Analyzer** enables the user to quickly see the impact on future profitability when considering new price offers or changes in existing routing plans. Armed with this information, the user can easily evaluate the viability of new business opportunities. **Analyzer** answers questions such as "Will the additional business translate into increased profit?" and "How will this new business affect the quality of my network?"

**Analyzer** takes the volume of minutes passing through the network, the network capacity and network performance statistic along with the buy and sell prices as the basis for its calculations. Using this data, **Analyzer** evaluates the likely financial outcome and quality implications of the revised routing plans or offers of new traffic.

Carrier	Actual Minutes	Virtual Minutes	Actual Cost	Virtual Cost	Actual Profit	Virtual Profit
AT&T	1,000	1,000	100	100	0	0
Verizon	2,000	2,000	200	200	0	0
Sprint	3,000	3,000	300	300	0	0
Other	5,000	5,000	500	500	0	0

View By Carrier Mapped to View By Country

**Analyzer** does away with the need for complex Excel spreadsheet models and macros that are difficult to use, time consuming and error prone.

**Analyzer's** fast turn-around produces results which are quickly and easily converted into real-world decisions. Due to automation it is even possible to push this decision-making to lower operational layers in the organisation. Moreover, because these decisions can be acted on rapidly, savings and revenue increases can be realized sooner.

All this is achieved without any impact on the real network while considering options, so reducing risk to the business. This leads to increased confidence in making the right decisions.

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Sprint	3,000	3,000	300	300	0	0
Other	5,000	5,000	500	500	0	0

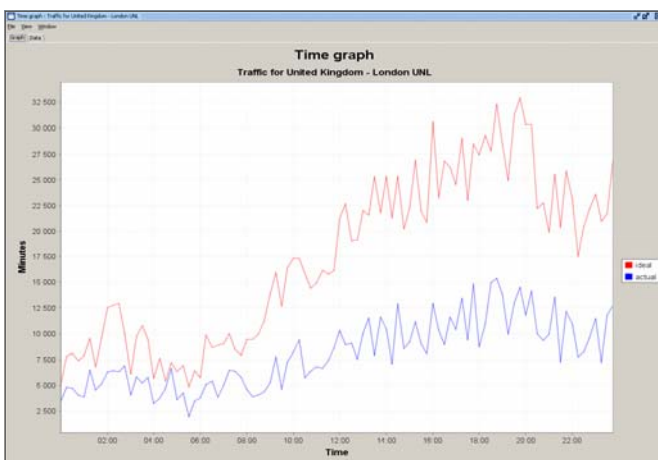
Carrier Summary

## ANALYZER Features:

- ◆ Unlimited scenarios
- ◆ Quickly produces results
- ◆ Uses real network data
- ◆ Easy to use and web based
- ◆ Stand alone application
- ◆ Easily Integrates with other Control Centre applications

## ANALYZER Benefits:

- ◆ Quickly understand impact on the business
- ◆ Reduces business risk
- ◆ Reduce errors
- ◆ Better decisions
- ◆ Increased profitable business



Predict Minute Outcome

Country	Actual Volume	Ideal Volume	Difference	Actual GB
United Kingdom	100,000	100,000	0.00	100,000
France	50,000	50,000	0.00	50,000
Germany	30,000	30,000	0.00	30,000
Spain	20,000	20,000	0.00	20,000
Italy	15,000	15,000	0.00	15,000
USA	10,000	10,000	0.00	10,000
Japan	5,000	5,000	0.00	5,000
India	3,000	3,000	0.00	3,000
China	2,000	2,000	0.00	2,000
Other	1,000	1,000	0.00	1,000
<b>January - Total</b>	<b>60,000.00</b>	<b>60,000.00</b>	<b>0.00</b>	<b>60,000.00</b>

Outcome By Country

Carrier	Actual Volume	Ideal Volume	Difference	Actual GB
BT	1,000,000	1,000,000	0.00	1,000,000
BT Mobile	500,000	500,000	0.00	500,000
BT Fixed	500,000	500,000	0.00	500,000
BT Broadband	200,000	200,000	0.00	200,000
BT Wholesale	100,000	100,000	0.00	100,000
BT Other	50,000	50,000	0.00	50,000
BT Total	2,350,000	2,350,000	0.00	2,350,000
BT Mobile Total	1,000,000	1,000,000	0.00	1,000,000
BT Fixed Total	1,000,000	1,000,000	0.00	1,000,000
BT Broadband Total	400,000	400,000	0.00	400,000
BT Wholesale Total	200,000	200,000	0.00	200,000
BT Other Total	100,000	100,000	0.00	100,000
<b>January - Total</b>	<b>60,000.00</b>	<b>60,000.00</b>	<b>0.00</b>	<b>60,000.00</b>

Volume Analysis by Carrier

## 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.

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



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