

Traffic Analysis

SAVE TIME AND EFFORT ANALYZING YOUR TRAFFIC DATA

Let NSG's Traffic System do the calculations for you!

NSG can interface virtually any switch platform, including soft switch environments. The Traffic Analysis module collects raw data from the switch and analyzes and presents the data in a user friendly format. It provides needed information quickly and is easily accessible.

Traffic Analysis – Provides detailed information on:

- Trunk group usage
- Traffic and line usage
- Dial tone delay
- Switch capacity
- Busy hour
- Busy season
- Multi-line hunt groups
- Custom traffic reports
- Toll separation

The traffic reports are the result of processed and formatted data that was collected during the preceding 24 hours. Any of NSG's reports may be modified to meet your company's needs. If a report doesn't exist in the system currently, NSG will create it.

The screenshot shows the '5ESS Trunk Group ReView' application window. At the top, there is a menu bar with 'File', 'Sort', and 'Site = TEST z(S_5ess)TEST'. Below the menu is a table with the following data:

Sw Data Date	Hour	MTU	USG = CCS	O_T_USG	O_PC_TT	INSVC	Samples	Per/Call	Trks_001	Trks_002	Trks_010	Act Trks
04/13/2005	21	0	6601	6601	229	576	Ok	28.80	220	210	205	0576
04/14/2005	22	1	6984	6983	294	576	Ok	23.80	232	222	216	0576
04/15/2005	22	0	5480	5480	198	576	Ok	27.70	193	186	183	0576
04/16/2005	22	0	4925	4925	182	576	Ok	27.10	175	169	166	0576
04/17/2005	22	0	5749	5749	207	576	Ok	27.80	201	194	191	0576
04/18/2005	22	0	6514	6514	286	576	Ok	22.80	218	208	202	0576
04/19/2005	22	0	6484	6484	278	576	Ok	23.30	217	207	201	0576
04/20/2005	22	0	5734	5734	276	576	Ok	20.80	201	194	190	0576

Below the table, there are several control panels. The first panel shows '0115 Internet - Outgoing 576' with 'Reload TG List' and 'Read Files' buttons. The second panel shows date selection: '04/13/2005 TO 04/20/2005' with a 'Set Start/End Dates' button. The third panel shows 'Display Options' with radio buttons for 'Detail', 'Busy Hr' (selected), 'Daily', 'Weekly', 'Monthly', and 'Fixed Hr'. There is also a checkbox for 'View All TG's'.

5ESS Trunk Group Review Report

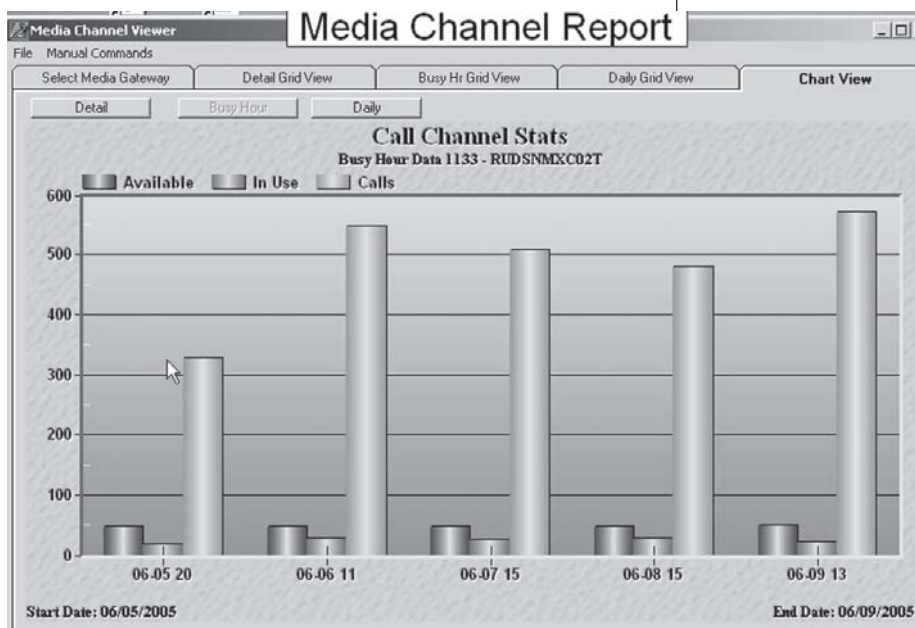
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An example of the **SESS Trunk Group Review** report is shown on the previous page. The columns to the right show the recommended trunks required for different levels of service. Poisson theory is used to recommend the number of trunks required to provide 1 call blocked in 100, 500, and 1000 call attempts. This program will help reduce the dependency on outside consulting and engineering firms analyzing your data.

Another of the many features of the Traffic Analysis module is the **Multi-line Hunt Group** report. This report allows the tele-

phone company to forecast the needs of a particular customer and identify opportunities for customer interaction. This will help improve service to business customers.

NSG can interface virtually any soft switch environment. Our goal is to provide helpful analysis in managing these new environments. NSG will store reports on the hard drive so the customer can go back and view historical data for trending purposes. We have interfaced soft switches such as MetaSwitch, Santera, Taqua, and Coppercom to date.



MetaSwitch Media Channel Report

The above picture shows a graphical view of a MetaSwitch Media Channel report. This report shows the busy hour of a particular ISUP channel with number of available, in use, and number of calls. This is just one of the many NSG reports available to users of the MetaSwitch product.

NSG offers a 60 day **FREE** trial. We are confident you will be satisfied. If not, just send the system back. Call today to get started!