



VoIP Switch CDR Conversion and Usage Analysis

Sample Business Case

Situation

A telephone/cable company enters into the VoIP market and deploys softswitches to handle the calls. They have many inter-carrier agreements for which they pay and receive reciprocal compensation. The carrier currently uses an AMA analysis tool to run usage reports in order to generate the reciprocal compensation bills. However, the softswitches generate a new type of CDR records that the analysis tool does not recognize.

Analysis

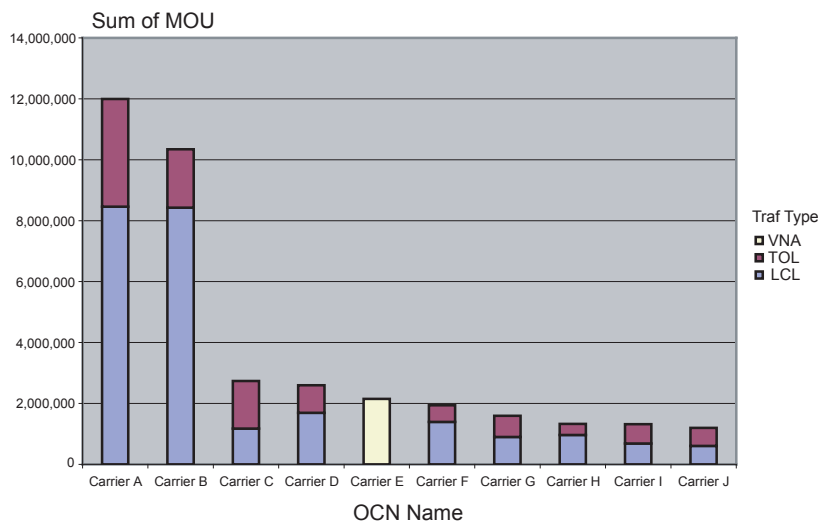
In order to continue generating usage analysis reports and to process reciprocal compensation bills, the carrier needs a tool to interpret the data. While the softswitch CDR record format has extensive information about each call, only a small part of it is needed to generate a carrier bill. Rather than making a large investment in developing the new software internally, the carrier contacted their softswitch vendor to see if they offered an AMA conversion and analysis tool. The vendor did not offer a conversion tool so the carrier looked for other vendors to accommodate their needs.

Solution

The carrier then contacted their current usage analysis vendor, Advanced Technologies and Service, Inc. (ATS), who developed a VoIP switch CDR to AMA conversion tool. The tool enabled the carrier to generate usage reports with which they can now produce reciprocal compensation bills. ATS' ability to adapt the softswitch CDR format to standard AMA saved its customer from making upwards of a \$1,000,000 investment in replacing its existing downstream billing application.

The carrier is currently one of the largest VoIP providers in the US and they can now validate their intercarrier billing easily and cost effectively resulting in improved cash flow and revenue. In addition to the accounts receivable and payable benefits, the usage reports generated also provide an additional means of forecasting network traffic. Examples of the reports that are available are shown on the right. Custom reports are also available based on individual customer needs. For more information, visit www.atso.com or call 973-696-0990.

Terminating Traffic Report by OCN



Call Type Analysis by TGN/Sensor ID

