

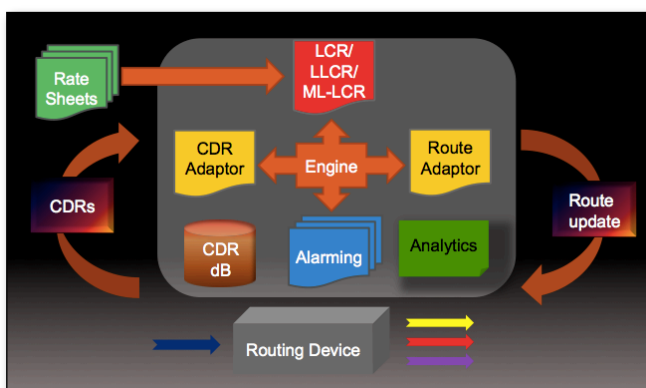
Reporting Module

This is an Adaptiv sub-topic discussing the Reporting module. This should be read in conjunction with the General Product Brochure.

In today's competitive carrier environment of fast changing rates, each carrier needs an edge to ensure they extract the maximum amount of information from their routing systems. Simple reporting and Least Cost Routing is simply not enough any more.

One of the biggest challenges is "visibility" of the calls through the network in near real-time. Substantial revenue opportunities are missed in the complex interaction of suppliers and buyers routing calls based on ever changing rate sheets. It is difficult, if not impossible to predict the call flows based on the rate sheets used and this often result in a significant revenue loss when undetected.

To further complicate the situation, different management systems need to be used across different vendor equipment. Vendor implementations are usually focused on configuration of the particular vendor device and not a holistic performance view.



The IVSTel Adaptiv product suite offers an elegant multi-vendor solution by creating a near real-time vendor agnostic feedback environment based on call or event records.

Adaptiv Reporting provides a new advanced reporting engine that can return metrics based on multiple year's worth of data within seconds. Reports showing the performance of the network can be drawn to provide insight into trends, anomalies and possible problem areas without time-consuming overnight report batching.

Operational environments focus on the performance of the devices with metrics such as ASR, ACD, errors, etc. Adaptiv provides reporting on the last 24 hours of real-time data as well as multi-year analysis within seconds.

Business users are more concerned with the financial and quality impacts. Once again Adaptiv provides quick access to multiple-year's worth of financial information such as average costs, quality and total minutes.

Country	Total Calls	Successful Calls	ACD (minutes)	Egress AQ (%)	Total Minutes	Supplier Cost
India	3,240	1,745	434	72	1,408,553	\$2.49
Indonesia	1,245	676	183	70	227,554	\$0.82
Iran	541	236	170	70	81,968	\$11.60
Iraq	35	10	47	88	1,838	\$0.02
Ireland	1,282	527	504	82	646,395	\$49.81
Israel	117	9	53	52	6,148	\$0.01
Italy	295	13	5	61	1,303	\$0.02
Japan	1,514	881	196	74	296,421	\$1.04
Jordan	95	53	233	71	22,053	\$8.51
Kazakhstan	749	259	210	53	157,552	\$28.80

Reconciliation reports provide end-of-month per region reports aligning the CDRs processed in Adaptiv with the Invoice region names used by the supplier. This allows for quick and easy comparison using the same region name conventions.

Conclusion

Adaptiv offers a real solution to network visibility across multiple routing devices. It allows for a uniform way to import rate sheet data and analyse CDRs. Adaptiv's graphing provides the user with a simple and intuitive interface to understand the routing of calls through their systems.