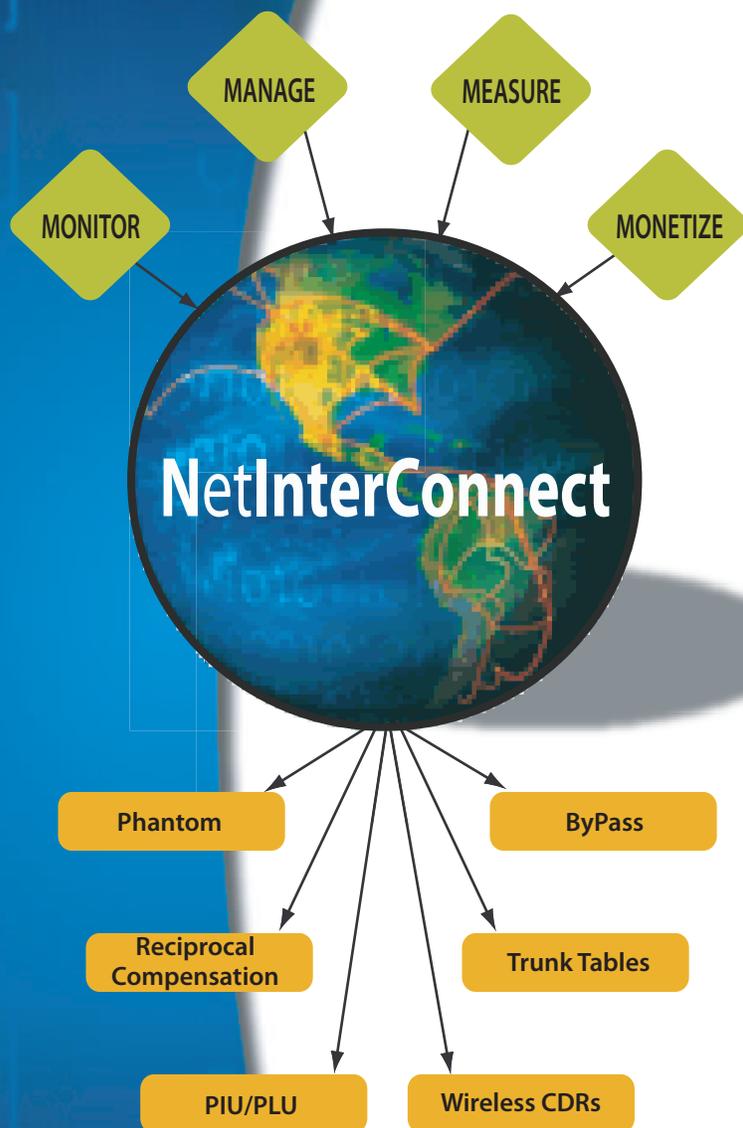


LNP Dip of Last Resort

SS7 Network Monitoring for Revenue Recovery



The Problem

Carriers now send traffic to other carriers without performing (as required by industry convention) an LNP DIP to determine:

- 1) where the call should be directed for termination, and
- 2) which carrier is the rightful owner of the call for billing purposes.

The unsuspecting carrier performs an LNP dip only to discover they are not the real owners of the call and must re-direct the call to another carrier's network for termination. **The hapless carrier incurs the expense to perform the LNP dip and also absorbs the cost of re-directing the call to another carrier's network.**

To add insult to injury, **the same carrier may be required to pay the terminating carrier access charges.** Unfortunately, this industry problem is growing at an alarming rate!

The Solution

NetInterConnect service's ability to **monitor** network traffic for undipped call traffic losses is a true telecom industry revolutionary innovation. **Carriers can now be armed with an affordable solution that empowers them to exercise the 4 Ms of revenue recovery** and cost avoidance.

Tekno's NetInterConnect service product provides reports to accurately **measure** and quantify the amount of undipped call traffic with correct network trunk table information combined with Tekno Telecom's point code verify SS7 data.

Carriers use these reports to **manage** the problem by identifying all undipped call traffic to either recover lost revenues for undipped tandem calls or to filter and return undipped network traffic. NetInterConnect's service **monetizes** the carrier's network by increasing revenues and controlling costs for greater profit maximization.

Key Benefits

- Identification and Quantification of undipped LNP network traffic
- Ability to determine which carrier originated calls for recovery
- **Rapid Return on Investment**
- Tekno purchase (CAPEX) or lease (OPEX) plans available
- No large capital expenditure with Tekno's lease program
- No long term contract commitment for service
- Favorable regulatory cost recovery for most companies

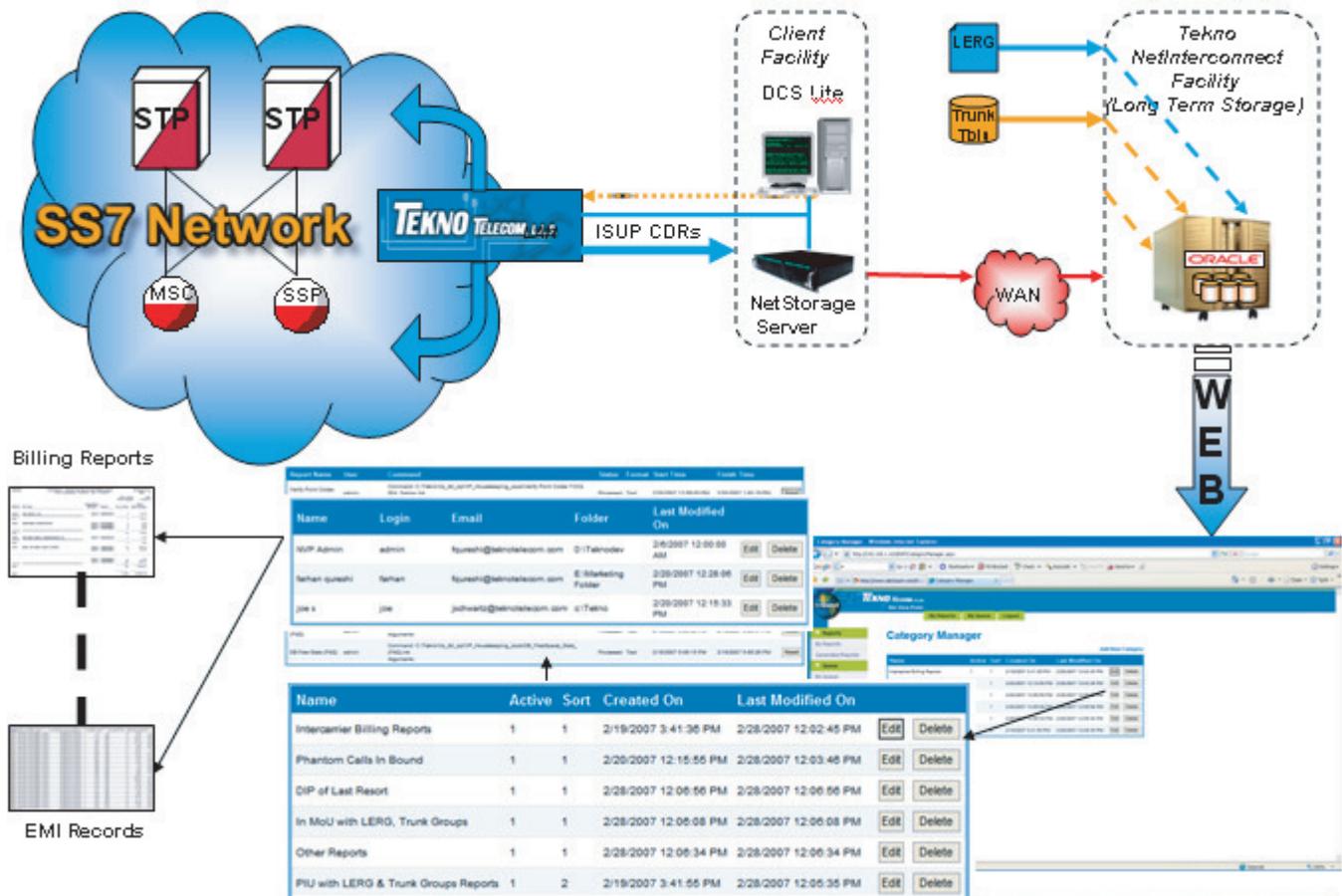
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The Process

Tekno Telecom's SS7 non-intrusive monitoring devices, NetSCCS and NetAnalyzer, decode SS7 data and count every MSU and packet, then correlate each protocol message into super-accurate SS7 CDRs, and transmit them along with statistical reports to Tekno's NetInterConnect centralized server application. The raw SS7 CDRs are enhanced with trunk group and LERG information for jurisdictionalization. Reports and enhanced SS7 CDRs are then generated from the NetInterConnect system to render extremely accurate and reliable billing records and reports for carrier revenue and profit maximization.

NetInterConnect Application (ASP/Service Bureau)



The Conclusion

Revenue and profit maximization today are the key to both survival and success. NetInterConnect's total network analysis provides the carrier with highly accurate quantifiable information that will ensure profitable revenue gains with definitive data. Whether it be wireline, wireless, or next-generation telephony networks, Tekno Telecom's NetInterConnect product solution will provide your company with the correct answers to your billing needs today!

Contact

For more information about NetInterConnect contact Deborah Stasiak at 630-579-9800, Ext. 234, send an E-mail to ussales@teknotelecom.com, or visit us on the web at www.teknotelecom.com.

About **TEKNO TELECOM, L.L.C.**

Tekno Telecom, L.L.C. develops and manufactures Network Monitoring, QoS and billing class solutions for wirelines, wireless, and next-generation carriers on a worldwide basis. Over 40 years of experience has produced patented, leading-edge, and highly reliable systems that meet carriers' growing needs for profit enhancing knowledge regarding their networks.

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