

# Phantom Traffic

## SS7 Network Monitoring for Revenue Recovery



### The Problem

**Carriers are losing significant revenue (estimated between 2% - 15% of inter-carrier billing) due to:**

A significant number of telecom industry carriers send and handoff call traffic to other carriers without basic call parameter information such as the carrier identification code (CIC) and the correct calling number ID (sometimes blank, sometimes all 0's, sometimes disguised as local, etc.). Unfortunately the result is that the terminating carrier has no idea where the calls came from or who to bill, thus losing revenue!

**Most importantly, this problem is getting worse not better!**

### The Solution

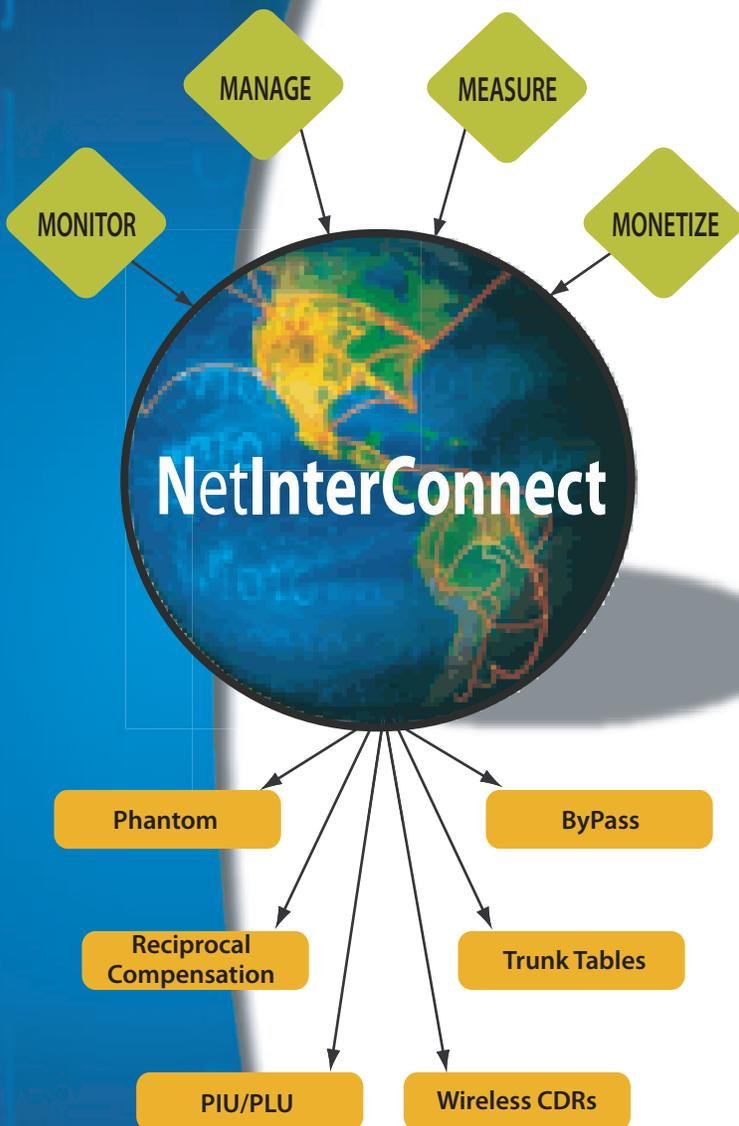
Tekno has introduced NetInterConnect, a hosted service bureau application, that carriers use to conveniently and affordably access Phantom Traffic reports based on super-accurate signaling network generated Tekno SS7 CDRs which are a source of high integrity network data independent of switch-generated traffic data.

Carriers use the Tekno NetInterConnect Phantom Traffic reports to **monitor** and **measure** the amount of Phantom Traffic terminating in their network that the carrier is not receiving proper compensation.

Carriers can then solve this problem taking action to **manage** and **monetize** using Tekno's NetInterConnect service enhanced SS7 CDRs converted into CABS EMI format in conjunction with industry established inter-carrier billing procedures to recover lost revenues and maximize profits.

### Key Benefits

- Quantification of Phantom network traffic
- SS7 parameters within the CDR help determine which carrier originated the calls
- Ability to communicate "accurately and easily" to carriers, state PUCs, NECA, and your management the scope and size of the problem
- Optionally convert recoverable SS7 CDRs into EMI records for revenue recovery
- Recovery of past, current, and future lost revenues
- Accurate trunk tables developed from actual network data
- **Rapid Return on Investment** from increased billing
- Minimal expense with no administration or incremental staff
- 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



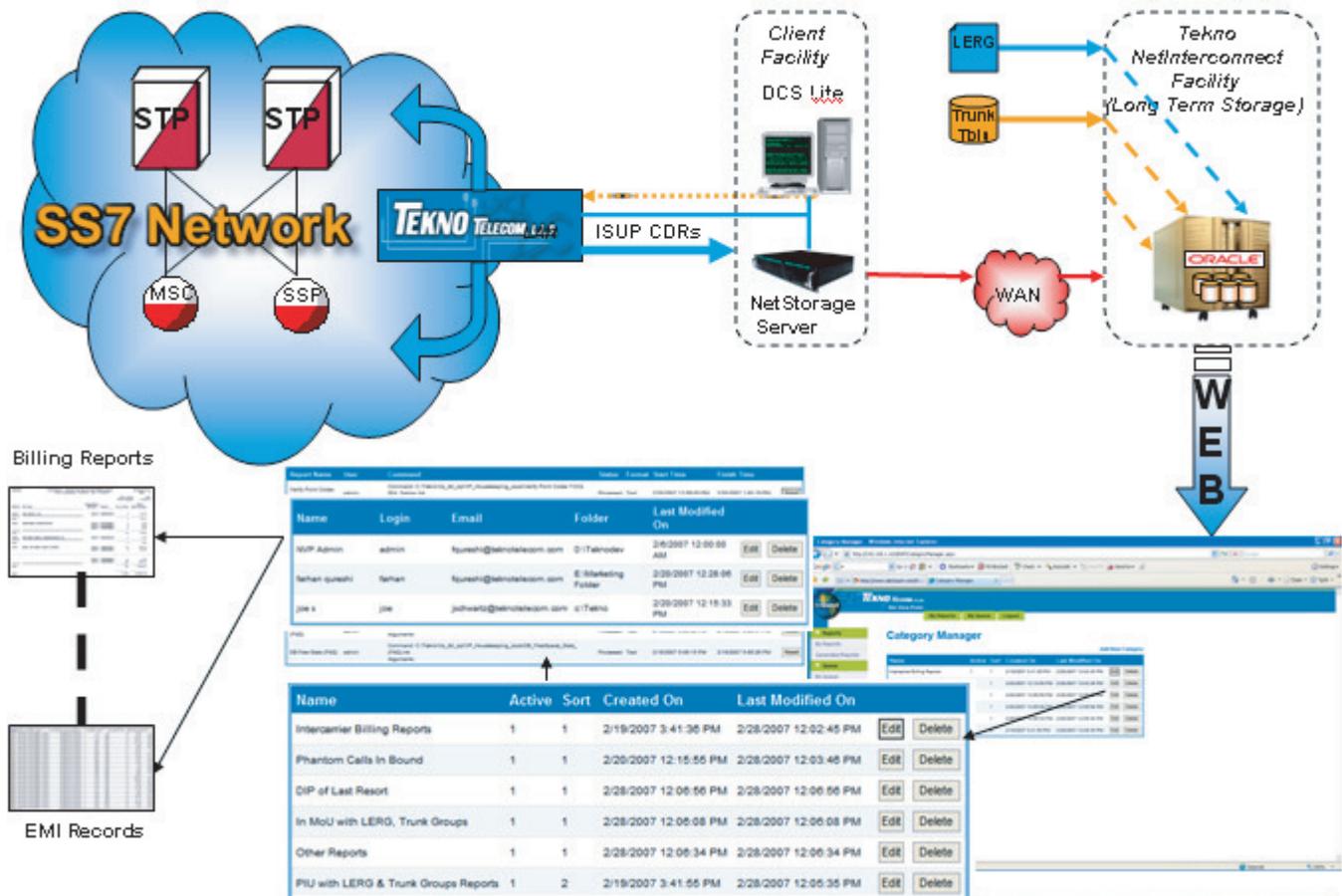
# TEKNO TELECOM, L.L.C.

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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](mailto:ussales@teknotelecom.com), or visit us on the web at [www.teknotelecom.com](http://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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