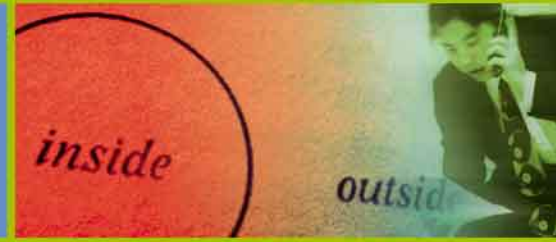


Network Security Solutions

from Inet Technologies, Inc.



Without effective network security, revenue assurance is impossible.

Inet gives you full visibility of customer activity and network events as they happen, allowing you to immediately identify threats to your services, reputation and profits.

Network Security Solutions from Inet include:

- **Fraud Detection**
- **Criminal Investigation**
- **Network Assurance**
- **SMS Spam Detection**
- **Next Generation Network Assurance**

Inet's Network Security benefits can be seamlessly carried forward into SS7-over-IP, Voice-over-IP, 2.5G and 3G mobile networks.

With threats coming from hackers, customers, employees and even other networks, Network Security is the key to protecting your valued customers and shareholders. It also enhances your ability to support law enforcement in your community.

Fraud Detection

Inet is the world leader in real time programmable CDR (Call Detail Record)

and TDR (Transaction Data Record) feeds. Our solutions are scalable from the smallest to the largest networks. Inet's Network Security Solutions allow you to determine when a data record is generated, how often and what information it contains.

Internal, subscription and premium rate fraud account for the largest losses, and are the most difficult to detect. Inet's Network Security Solutions can closely monitor your newest subscribers. You can track every call they make, or choose to just examine long calls, international calls or calls to high tariff services.

Detailed reports can be generated showing which callers are making the most calls to international, premium rate numbers, resulting in identification of suspects committing internal and subscriber fraud. PBX hacking and calling card fraud can be detected in real time by focusing on short calls to a dialled number and high amounts of calls originating from a single number.

Traffic refileing occurs when one carrier hides the true origin of a call in order to pay a lower interconnection tariff. Typically, calls that originated overseas are made to look like local calls by inserting a false calling party number. Inet's solutions can detect unusual frequencies of single calling party numbers and alert you to the problem.

GSM carriers often don't receive CDRs from roaming subscribers for up to three days. Inet's technology can feed fraud systems with real-time information about where roamers are and their level of activity. Either alone, or together with the world's leading automated fraud application companies, Inet brings detection, profiling and case management solutions to you.

Network Assurance

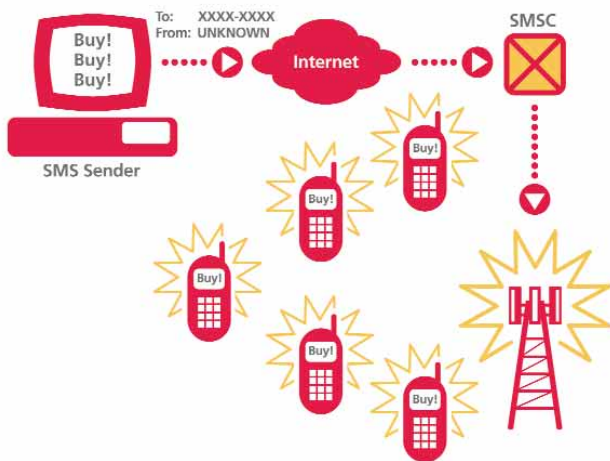
The number and complexity of network interconnections is ever increasing. Each interconnection point is a source of potential service disruption due to accidental or deliberate misuse of signaling protocols. It's imperative that you protect yourself against the mistakes made by other networks, politically- or criminally-motivated attacks, and the increasing threat from hackers via the ever closer links between telephone and Internet services.

SS7 is rich in signaling route management messages that report and heal network breakdowns. Many of these messages are not, by themselves, cause for alarm. However, certain sequences and combinations can cause destabilizing conditions. With our Network Assurance tools, we allow you to define and detect these sequences of events.

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SMS Spam

As with e-mail, SMS Spam is a growing problem. The ease of generating SMS messages via the Internet makes it possible for this vehicle to flood a



network with messages. SMS Spam can disrupt legitimate messages being sent between your valued subscribers, leading to customer dissatisfaction and revenue loss.

Protect your network and subscribers from being inundated with advertising and other nuisance messages with Inet's SMS Spam Detection application. It allows you to detect SMS Spam as it occurs, thereby identifying the source and taking proactive steps to isolate and stop it.

NextGen Network Assurance

No matter what type of next generation network you're concerned with - converged data and voice, voice-over-IP, GPRS or 3G - IP-based protocols will

permeate it. Today's SS7 can also ride upon IP transport. Your network's security will depend on your ability to monitor and detect threats from information carried over IP protocols. As a leader in both SS7 surveillance and next generation solutions, Inet is uniquely positioned to provide Network Assurance for your evolving business.

We Simplify Networks

Inet provides solutions that improve your business efficiency. This is achieved by combating fraud, improving Quality of Service (QoS) for your customers, verifying bills paid to other carriers, and allowing you to launch new services faster.

Inet has a range of products that can be flexibly configured to solve a wide variety of challenges that you face today.

GeoProbe™ is a network monitoring system that excels when your network has high traffic volume and requires many simultaneous users. It is designed for the complex SS7 signaling systems already in use, and IP protocols currently being rolled out. GeoProbe ensures your network is providing the highest quality of service with applications including Performance Measurement and Fault Resolution. GeoProbe is also the engine that feeds Inet's Fraud, Billing and Customer Care applications.

The **IT:seven™** suite of products further extends the capabilities of Inet's performance measurement tools down to

individual subscriber or trunk group detail. The solutions provided by IT:seven measure the QoS provided to individual subscribers or groups of subscribers, connections to roaming partners, performance of dialed services, and can verify minutes of use between networks.

Conclusion

With detailed information on every activity occurring in your network, you can be sure that you are alerted in the event of subscriber fraud, service denial attacks, hacking and accidental service disruption. By implementing Inet's Network Security solutions, you are protecting your revenue and profits. Network Security Solutions also enable you to assist criminal investigations.

With Inet's solutions you have real time, detailed, network-wide information at your fingertips about who is using your network and what they are doing. You will have the power to distill patterns and significant events from the vast volumes of traffic flowing through the network. It makes no difference whether it is the usage of voice, SMS and GPRS services, or SS7 Maintenance Messages that are used to configure your network and are passed between networks. Everything you need to safeguard your service availability and revenue is provided.

Network Security is just one of several Inet solutions. Why not ask for more information about how *Inet Simplifies NetworksSM*.

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www.inet.com

Inet Technologies, Inc.

1500 North Greenville Avenue • Richardson TX 75081 • Phone: 469-330-4000 • Fax: 469-330-4001

Inet Global LTD

268 Bath Road • Slough, Berkshire • SL1 4DX United Kingdom • Phone: +44-1753-708709 • Fax: +44-1753-708861

Inet Deutschland GMBH

Am Kronberger Hang 5 • Schwalbach/TS • D-65824 Deutschland • Phone: +49-6196-9519-0 • Fax: +49-6196-9519-199

Inet Technologies-France

1, rue de la Haye, BP 10910 • 95731 Roissy CDG Cedex • France • Phone: +33-1-49-19-21-87 • Fax: +33-1-49-19-22-50

