Allworx Cyber Security Assessment

Allworx-certified Engineers and Allworx Security Specialists, from TCE Company, will assess the strength and soundness of the security measures protecting your Allworx phone system.

Upon completion of the assessment, a comprehensive *Allworx Security Assessment Report* will be provided to the client detailing any vulnerabilities discovered during the assessment process.

To discuss your Allworx Security concerns:
Call: 800-383-8001 Email: CSR@TCECompany.com

- Emergency Support Available
- IT Security – Fraud Detection and Prevention
- Allworx-certified Engineers & Technicians
- Technicians in over 200 cities across America
- 24 x 7 Monitoring by our Network Operations Center
- Moves, Adds, Changes and End-user Training
- Voice, Data & Security Technical Services
- Advanced-level Diagnostics & Troubleshooting Services
- Network Infrastructure Design and Management
- Administrative Services; Back-up; Firmware Updates
- Voice and Data Network Redundancy Solutions

Case Study: Cyber Security Fraud

Norcross, GA The firm of Foreman Seeley Fountain Architecture (FSFA) was the victim of an age-old fraud that has found new life now that most corporate phone lines run on the Internet.

The FSFA corporate business telephone system, with services provided by Time-Warner (TW) Telecom, was the victim of a cyber-security breach and $166,000 worth of fraudulent phone calls were made.

Foreman Seeley Fountain Architectural could just as easily had been Ed's Oil & Lube or Floyd's Barber Shop, or your company. The size, and nature, of the company is irrelevant – they only want access to your telephone services.

In 2013, global telecom fraud was valued at $4.73 billion and mostly affected small businesses. Larger companies are usually ahead of the game with a more solid cyber-security infrastructure.

Bob Meldrum, vice president for corporate communications at TW-Telecom, said Foreman Seeley Fountain should have better protected its equipment from hackers. 'We (TW-Telecom) had to pay for those calls," he said. "Someone had to pay for those calls."

The scheme works this way:
Telecommunications fraud experts say: Hackers sign up to lease premium-rate phone numbers, often used for adult-chat or psychic lines, from one of dozens of web-based services (Example: http://www.PremiumRateInternational.com) that charge dialers over $1 a minute and give the lessee (hacker)a cut of that $1 per minute charge.

In the United States, premium-rate numbers are easily identified by 1-900 prefixes, and callers are informed they will be charged higher rates. But elsewhere, like in Latvia and Estonia, they can be trickier to spot. The payout to the lessees (hackers) can be as high as 24 cents for every minute spent on the phone.

Hackers then break into a business's phone system and make calls through it to their premium number, typically over a weekend, when nobody is there to notice. With high-speed computers, they can make hundreds of calls simultaneously, forwarding as many as 220 minutes' worth of phone calls a minute to the pay line. The hacker gets a cut of the charges, typically delivered through a Western Union, MoneyGram or wire transfer.