



Dave Cowen

9812 Zembriski Drive
 Plano, TX 75025
 Phone: 972-747-0007
 Fax: 972-747-1130
 E-mail: dave@cellstream.com



Experience

CELLSTREAM INC., PRINCIPAL CONSULTANT

FIOS, SR. CONSULANT

S3 PARTNERS, SR. SECURITY SPECIALIST

VIGILAR INC., SR. SECURITY SPECIALIST, DALLAS TX

ENSTAR LLC, SECURITY SERVICES MANAGER, Dallas TX

SOUTH TEXAS INTERNET, Partner, Brownsville, TX

TRIDENT DATA SYSTEMS, Network Security Engineer, San Antonio, TX & Colorado Springs, CO

Computer Security

- Co author Hacking Exposed Computer Forensics
- Expert in Unix security, Windows Security, web security and network security penetration studies
- Extensive security experience in the following systems: Windows NT (3.51 and 4.0), Windows 2000, Windows 95/98, Novell (3.1&4.11) Unix (Irix, SunOs, OpenBSD, FreeBSD, Linux, HP/UX, AIX, Solaris, Osf1, Sco, sco mvs+, etc...), MPE/XL, VAX/VMS, Primos, Picos, various older os's
- Experience setting up all major firewalls, VPN and router products including: multiple platforms of Cyberguard, Raptor, Firewall-1, TIS Toolkit, ipfwadmin, gauntlet, Cisco, Bay(Nortel), 3com, and Ascend, ipfilter, Altiga
- Extensive experience with all aspects of TCP/IP.
- Experience in installing and configuring secure VoIP
- Experience in Computer Forensics, Product Experience with: EnCase Professional, TCT, and other forensic tools
- Expert Witness

Telecommunications Security

- Expert in Telecommunications Security
- Extensive security experience with the following PBX systems including: AT&T Definity G (All models), Samsung Prostar DCS, Meridian, Rolm-CBX, intertel, comdial, executech various older models
- Also security experience with large switching systems including: AT&T 1aESS, 5ESS, Northern Telecom DMS series, GTE GTD5, Ericsson Axe 10
- Extensive experience with microwave wireless networking and security, including: DSSS vs FH,

- multiple licensing schemes, and Point to Point and Multipoint configurations
- Experience with microwave wireless systems: breezecom, waveaccess, wavespan and proxim models
- Design and management of a multi point-to-point international microwave network for ies.net

Programming

- Experience with pascal, perl, sh (various shells within), c, c++, java , tcl/tk, visual c, visual basic, and relational query languages: SQL, Quel
- Experience with relational database systems: Oracle, MS SQL, Access

Education

Texas A&M - Computer Engineering

Publications and Presentations

- US Air Force Information Protection Conference - Paterson AFB, Denver, CO
- USAA National Conference - USAA Headquarters, San Antonio, TX -Presentation of the Distributed Password Management Protocol
- InfraGard - FBI field office, Dallas, TX -Demonstrated Live Network Penetration to various federal & state law enforcement agencies and security executives representing US critical infrastructure companies
- ITEC Computer Showcase - Convention Center, Dallas, TX - Demonstrated a Network Penetration, Target Acquisition & User Profiling
- ITEC Computer Showcase - Convention Center, Dallas, TX - June - Panelist member for a network security discussion with various vendors.
- Enstar Security Symposium, San Antonio - Presenter - Demonstrated Live Network Penetration.
- Region One Technology Conference, South Padre Island - Presenter - Discussed Network Security In the Academic Environment
- HTCIA Dallas Chapter - Speaker - Discussed methodology used in previous computer forensic cases
- HTCIA Southwest Conference 2001 Presented course on IDS to Law Enforcement and Private Sector computer investigators
- HTCIA Southwest Conference 2002 Presented course on Unix forensics to Law Enforcement and Private Sector computer investigators
- Assest Recovery & Due Diligence Conference 2003 - Speaker
- Texas State Bar - Panelist Email Discovery conference
- HTCIA Southwest Confrence 2004 - Presented course on Encase scripting language Enscript

Professional memberships and certifications

- CISSP Certified Information Systems Security Professional
- CCSE Checkpoint Certified Security Engineer
- TSSA TeleSweep Security Administrator
- HTCIA Spring Training Conference
- PROXIM - Rangelan2
- Wavespan & Waveaccess
- Black Hat Security Conference - Las Vegas, NV, July 2000
- CCNA - Training