



InfoSec Threat Management Solutions

Mission Statement

InfoSec Threat Management Solutions

- Threat Response
- eBusiness Assurance
- Investigation/
Litigation Support

ICG was formed in 1997 to provide InfoSec Threat Management Solutions for Global 2500 Companies. ICG leverages our proprietary I-THREAT™ knowledge base and methodology comprising over 5 years of experience and thousands of InfoSec incidents along with our unique investigative expertise to identify, anticipate and communicate threats to all constituencies within our client base.

With over 275 clients to date, many in the Fortune 500, ICG is uniquely positioned to help our clients significantly reduce their loss exposure resulting from both current and future threats.



The Problem

Corporations face an ever-escalating threat matrix and related costs and risks associated with them.

-The cost of cybercrime is escalating with over 90% of companies reporting security breaks, and with 80% reporting financial losses.

-38% of companies conducting e-commerce suffered unauthorized access or misuse of their website. More alarmingly, 21% said they didn't know whether there had been misuse or not.

-US retailers lost over \$1 billion in online payment fraud in 2000.

-The amount of trained and *experienced* InfoSec security staff is in extremely short supply.

-The complexity of the problem and associated threats continues to grow.

-CERT reports over 45,000 attacks in 2001, up from 22,000 in 2000.

Even with all their external threats, the more risky and costly threats are internal, and the liabilities to corporations, directors, officers and employees continues to grow.



Threat Response

Threat Response Services:

- Response Coordination
- Enterprise Threat Response

While there is a natural evolution that is occurring in corporate environments toward proactively addressing the threats instead of just reacting to incidents, the rate and complexity of both incidents and threats continues to climb. Spending on technology solutions to address the escalating threats is not reducing exposure. It is much more important to an organization to lay out how technology will be used in support of threat management processes, such as real-time security monitoring and incident response.

Simply stated, an intrusion is a type of incident - one involving the compromise of a system "perimeter", typically by a hacker. Yet, as noted above, intrusions are but one, and not even the most costly, form of information security incident. Each year, disgruntled employees and electronic fraud account for far greater, though often hidden, business impacts than hacker intrusions.

Threat vectors are the agents that cause incidents. For instance, natural disasters and hackers would represent high level threat vector types. A "hactivist", one who hacks in order to support a specific, non-monetary cause, would represent a more specific threat vector. Many threat vectors can be closely related to specific business process and system vulnerabilities. Though it is vulnerabilities that ultimately allow incidents to occur, vulnerabilities are relevant only if they are related to existing threat vectors.

Through our I-THREAT™ solutions offerings, ICG helps its clients understand their threats and put capabilities in place to respond to any threat on a 24x7x365 basis, thus reducing risk, potential loss, and related liabilities to both the corporation and its officers and personnel.



eBusiness Assurance Services:

- Security Architecture
- Process Hardening
- Penetration Testing
- Threat Management Strategy



Each business information environment is unique - and so are their threats and vulnerabilities.

ICG understands that no one security solution or architecture will address the needs of an enterprise network. As an independent, third party vendor, ICG provides its clients with security advice and hardening services that are not tied to the sale or advance of a security product.

We know from experience that implementing security requires prioritization of objectives. By drawing on our threat response experience and our awareness of the threat vectors most heavily impacting business interests, ICG offers highly targeted, realistic assurance and hardening solutions.

> Security Architecture - risk analysis and or design of network security architecture, including intrusion/incident detection systems, access control strategies, and security management and reporting procedures

> Process Hardening - analysis and hardening of customer and corporate data management policies; probing of call centers, IT "help desks", and intranet/extranet/web interfaces for susceptibility to fraudulent data transactions

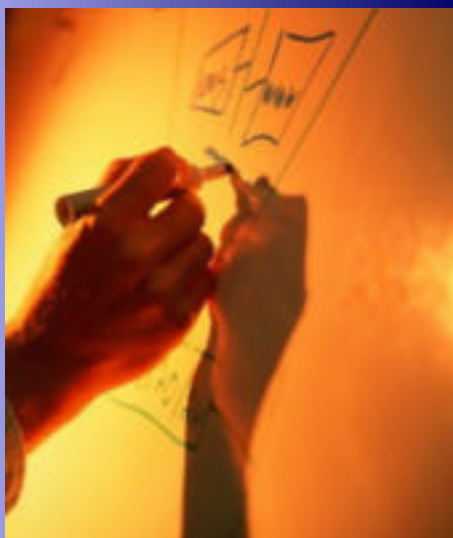
> Penetration Testing - probing of hosts over a public or internal IP range; as requested, ICG will exploit discovered vulnerabilities in order to identify deeper security risks that an ordinary, software driven audit might fail to detect

> Incident Management Strategy - senior members of ICG's threat response teams assist in developing and implementing incident detection, response, and escalation systems and procedures

Investigation/ Litigation Support

Investigation/Litigation Support Services:

- Threat Source Investigations
- Investigative Forensic Analysis
- Digital Piracy Modeling and Investigations



The indexed, searchable web is estimated to include only one percent of all on-line content...*not* including Usenet and FTP.

Businesses, even entire industries have been challenged by the inherent anonymity and distributed nature of the Internet. From media piracy to the illegal distribution of proprietary corporate information, the Internet has become the preferred medium for a wide range of actionable behavior.

ICG conducts Internet-based and forensic investigations to identify anonymous individuals and groups engaging in illegal and improper activities. We offer investigation/litigation support services in the following areas:

- > Threat Source Investigations - employing our I-THREAT™ Knowledge Base as well as Internet research utilities and public data sources, ICG identifies individuals or parties abusing the anonymity of the Internet, including
 - e-mail addresses
 - hacker pseudonyms
 - offending web sites
 - message board aliases
- > Investigative Forensic Analysis - lab analysis of electronic storage media in order to reconstruct deleted or altered data or discover previously unknown information relevant to an intended or active legal proceeding
- > eDiscovery Support - analysis of offending Internet services and recommendation of data and system targets for eDiscovery proceedings
- > Digital Piracy Modeling and Investigation - data collection, analysis and confirmation build the model of the "gray market" affecting the industry or product. Detailed investigation to bottleneck threat vectors within the online community creates significant management of the targeted dismantling of the piracy losses.

Representative Client List

Since 1997, ICG has formed advisory relationships with multinational corporations and leading law firms.

Our objective: to protect our clients' interests through innovative consulting and investigative services.

American Home Products Corporation
Apple Computer, Inc.
Aventis S.A.
Barr Laboratories
Boston Scientific Corporation
Charles Schwab & Co., Inc.
CIGNA
Debevoise & Plimpton, LLP
DIRECTV
Ericsson Inc.
First Union Corporation
Gibson, Dunn & Crutcher
Hale and Dorr LLP
Hoffman-LaRoche, Inc.
Honeywell International, Inc.
Johnson & Johnson
Kirkland & Ellis
Nichols Dezenhall
Penn National Insurance
Pepboys
Pfizer, Inc.
Pinkerton Consulting & Investigations
Playboy Enterprises, Inc.
PR Newswire
Procter & Gamble Company
Prudential Insurance Company
S.C. Johnson Wax
Schering-Plough Corporation
The Service Master Corporation
Southern Poverty Law Center
Starwood Hotels & Resorts, Inc.
Tenneco Automotive Holdings
Towers Perrin
Tricon Global Restaurants



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