



intrusion

computer security

IDS

malicious code

incident response

WHY SHOULD I

WORRY ABOUT

COMPUTER SECURITY?

attack

incident response team

CERT

network security

PRESECURE

PRESECURE: Overview and Incident

Why should I worry about computer security?

Why do cars have brakes?

- A) To stop
- B) To enable you to drive fast safely (to go!)
- C) To serve as a metaphor for the need for computer security

The truth is, all three! Practicing good computer security and incident response at your organization is like having good brakes on a car—it enables you to get where you want to go quickly but safely. If you are responsible for the success of a business or organization, large or small, the last thing you want to worry about is the damage and problems caused by your computer network being compromised. Yet in today's global networked business environment, computer and network security has become a central concern. Computer and network security can no longer be taken care of by simply installing a firewall or just trusting a network administrator to deal with the threats. That is why so many organizations, from governments and multinational corporations to the smallest of companies, are turning to companies that are acknowledged security leaders like PRESECURE to help them with incident response support and training.



How can PRESECURE help your organization?

PRESECURE, directed by Dr. Klaus-Peter Kossakowski, provides consulting to senior managerial and technical staff about improving computer and network security as well as incident response. The company draws from an international group of experienced network security professionals who can provide ongoing support before, during, and after security incidents. The company also provides training in how to set up, train, and deploy incident response teams. Part of the material used is based on licensed course material from the CERT Coordination Center. Dr. Kossakowski and his team will help your organization adapt to the ever-changing security needs brought about by the evolution of global networking.

PRESECURE can also assist your organization with the selection of computer and networking security products and vendors. Because the company is independent, it can offer nonbiased advice about how to select the best security solutions.

Available Services

- Training in all aspects of computer and network security
- Coaching managers and network administrators on security topics
- Assisting senior management to establish strategic policies
- Incident response consulting
- Incident response team development and training
- Security project management
- Security product and vendor selection

Incident Response Consulting

When threatened by the latest major attack from the Internet, will your business continue to thrive? In an era when commercial espionage is part of the daily business climate, is your corporate computer network tough enough to survive? Are you certain that your system administrators will recognize when your network has been compromised? Do you know what to do first when your organization needs to respond to a breach in network security? Are your systems patched against the vulnerability that was announced this morning?

computer security

Response Services

PRESECURE can help you answer these questions with a resounding "Yes!" Even though insurance solutions are becoming available to manage computer security risks, the ability to defend and respond to incidents remains essential. This is true both to avoid incidents in the first place and to gain insurance coverage at an economical rate.

In the area of incident response the company can help you:

- Identify security events such as attacks or attempted intrusions
- Understand and execute appropriate responses
- Identify new and existing threats and vulnerabilities

Incident response can involve anything from switching from one server to another server, to tracking and tracing the source of an attack, to transferring an entire IT operation to a backup facility. Instead of relying on external service providers, more and more companies believe it is mandatory to manage incidents from the inside as part of their overall risk and security management strategy. Otherwise your organization will fail to understand emerging network threats and their potential to adversely affect your bottom line. Never was the old saying "A stitch in time saves nine" more apropos!

PRESECURE provides world-class training and support in incident response.

Dr. Klaus-Peter Kossakowski is one among the elite team that is in demand to help organizations worldwide with computer security consulting and incident response. His credentials speak for themselves. Dr. Kossakowski has been involved in computer security since 1988, the year of the first viruses and the infamous Internet worm that disabled large parts of the Internet and marked the beginning of incident response as a new field within computer and network security. His commitment and professionalism are demonstrated by his leadership as an elected member of the Steering Committee of the Forum of Incident Response and Security Teams (FIRST)—a nonprofit group of major incident response teams from around the world. Dr. Kossakowski also has a long-term working relationship with the CERT Coordination Center, the world-renowned computer security research and response group based at Carnegie Mellon University in the United States as well as other incident response teams. He is also one of the co-authors of the CERT Handbook, the de-facto standard reference for creating and improving incident response teams and operations.

Dr. Kossakowski's philosophy about computer security and incident response

"I believe in preparing for the worst before it happens. Being proactive is a key idea—in an organization, if you do suffer a network compromise, you will be ready and able to recover and resume your core business activities, even while your response team is hard at work fighting the problem. Traditional security is built on the assumption that 100 percent secure systems are possible. This is certainly not true given the interactive nature of the business world, and even if theoretically possible would be exorbitantly expensive.

I encourage organizations to adapt a paradigm of survivability—if you plan, prepare, and are ready to respond, you can withstand attacks and easily survive security incidents."

Of course, don't take our word for it. Companies, governments, and incident response teams around the world trust our expertise to help their organizations learn to manage security risks, train and prepare their teams, and come up with solutions to meet the security challenges of tomorrow. Organizations working with the PRESECURE team include:

- CERT Coordination Center
- DFN-CERT
- FIRST - Forum of Incident Response and Security Teams
- GE CompuNet
- German Federal Ministry of Economics and Technology
- M&I/Stelvio bv
- Secunet Security Networks AG
- SIZ - Informatikzentrum der Sparkassenorganisation

CERT

PRESECURE

Incident Response Team Development and Training

In a global business environment, no one does business without having skilled teams working to ensure success. No company that wants to be successful over the long term is without talented legal, accounting, marketing and managerial teams. Today, many companies are augmenting their core operations group with incident response teams just as businesses with existing security teams are adding incident response capabilities.

PRESECURE is the first company to license the comprehensive training material developed at the CERT Coordination Center. Dr. Kossakowski's deep understanding of what it takes to plan and build corporate incident response and security teams coupled with the course material adapted from the CERT Coordination Center ensures your organization is receiving world-class training. He can also help your team develop relationships with a global network of incident response and security teams.

PRESECURE can improve your team's skills and abilities whether you are

- Developing a strategy for corporate-wide security and incident response activities
- Planning, building, or enhancing an incident response team
- Training security teams to deal with attacks and incidents
- Fortifying intrusion detection teams to deal with attacks and incidents
- Organizing incident report and data analysis efforts
- Consulting with other parties about topics in incident response
- Responsible for leading organizational risk and security management

PRESECURE helps you achieve this by

- Workshops, presentations, and round tables
- Training, tutorials, and IRT courses
- Consulting and project management
- Serving as a negotiator for managed security and incident response services
- Ongoing support, coaching, and monitoring
- Other customer-tailored services

Courses and Workshops offered by PRESECURE

Creating a CSIRT (1-day workshop)

What a CSIRT can do for you (1-day workshop)

Managing CSIRTs (3-day course)

Fundamentals of Incident Handling (5-day course)

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The logo for PRESECURE, featuring the word "PRESECURE" in a bold, white, sans-serif font. The letters are set against a dark blue background that is part of a larger graphic design. The background of the entire page is a blue-toned image showing a close-up of a computer keyboard with binary code (0s and 1s) overlaid on it, creating a digital and security-themed aesthetic.

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