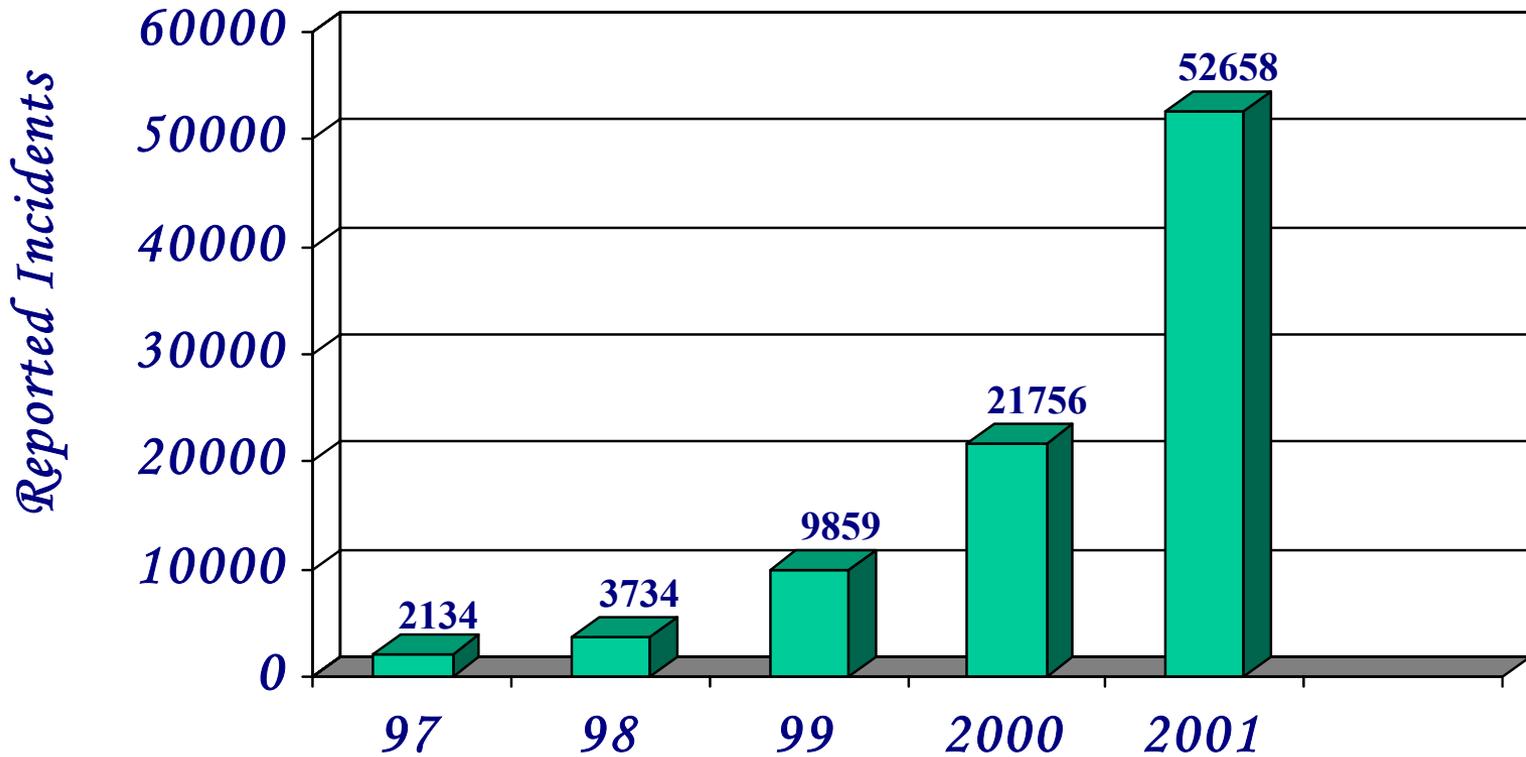




Federal Computer Incident Response Center (FedCIRC)

Incident Increase 1997 - 2001

Incident Increase Across Government and Industry



Source: CERT/CC

The Impact of Weak Security

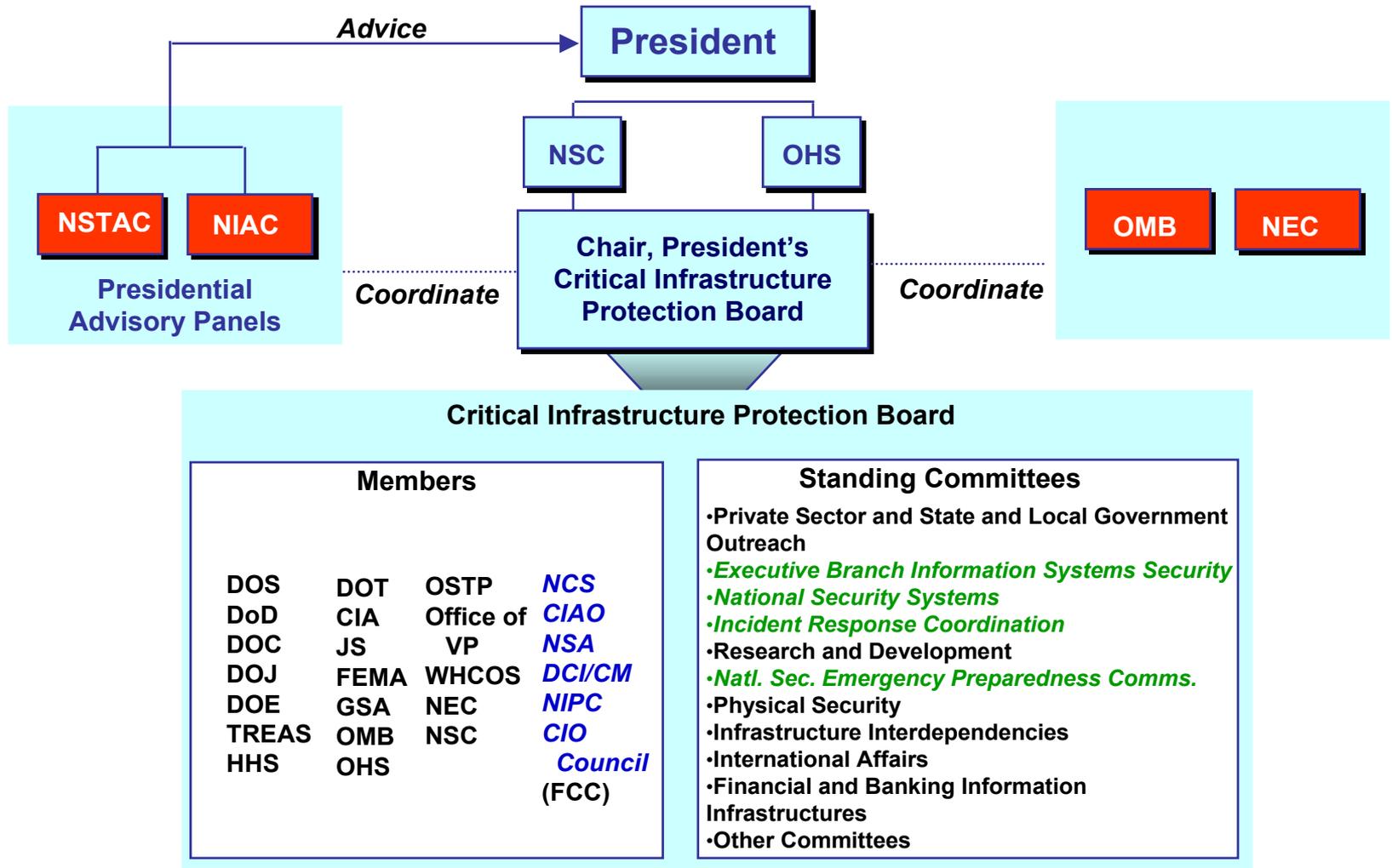
- It is estimated that in 2001 the worldwide impact of malicious code was ***\$13.2 Billion Dollars***
- The Melissa Virus cost U.S. businesses an estimated ***\$93 Million dollars***
- A recent study by Gartner Inc. predicted that 50 percent of all small to midsize enterprises would be hacked within the next year, with almost 60 percent of those not even knowing they had been hacked.

Source: Gartner

FY-2001 GISRA Report – Agency Actions

- Increase degree of Senior Management attention to security
- Establish method for measuring performance
- Improve security education and awareness
- Fully integrate security into capital planning
- Ensure that contractor services are appropriately secure
- Improve ability for detecting, reporting and sharing information on vulnerabilities

President's Critical Infrastructure Protection Board



Federal Computer Incident Response Center

FedCIRC is the Federal Civilian Government's trusted focal point for computer security incident reporting, providing assistance with incident prevention and response.

What FedCIRC Provides

- Confidentiality of information
- Information regarding:
 - Alerts & potential threats
 - Vulnerabilities
 - Obtaining security related information & tools
 - Software patches & solutions
 - Current incident trends
 - Quarterly summary reports
- Synergy of shared knowledge.

FedCIRC Initiatives

- Patch Authentication and Dissemination Capability
- Data Analysis Capability
- FedCIRC Knowledge Management Portal
- Security Tool Kit
- Outreach Activities

Patch Authentication and Dissemination Capability

- A free service available to civilian agencies providing a trusted source of authenticated and validated patches for the predominant information systems and associated applications used by Federal Department and Agencies.
 - Creates agency specific profiles
 - Maintains a record of alerts/notifications
 - Provides reports on security vulnerabilities and emerging trends
 - Authenticates and registers users

Data Analysis Capability (DAC)

- The Data Analysis Capability will enable FedCIRC to:
 - Identify commonalities in computer security incidents.
 - Facilitate the recognition of organized attacks against Federal IT resources.
 - Improve Federal response to attacks against national information infrastructure.
- DAC Milestones
 - Piloted in Fiscal Year 2002
 - Fully operational in Fiscal Year 2003

FedCIRC Knowledge Management Portal

- A secure portal for Federal information technology leaders, network and systems administrators, and incident response teams to communicate and exchange sensitive information and access FedCIRC services in a secure and near real-time environment.

Security Tool Kit

- Identify federally funded and free tools
- Assemble into a suite of services
- Conduct awareness campaign
- Task order to be issued in Fiscal Year 2002

Outreach Activities

Fact: Most Computer Security Incidents are unreported.

- To improve reporting, FedCIRC:
 - Promotes agency Incident Response Teams
 - Supports agency security awareness days
 - Assists CIO's with computer security policy
 - Sponsors computer security training events

What You Can Do!



STAY SAFE ONLINE

Sponsored by the
National Cyber Security Alliance

www.staysafeonline.info

- Use protection software "*anti-virus software*" and keep it up to date
- Don't open email from unknown sources
- Use hard-to-guess passwords
- Protect your computer from Internet intruders – use "*firewalls*"
- Don't share access to your computers with strangers.
- Disconnect from the Internet when not in use
- Back up your computer data
- Regularly download security protection update "*patches*"
- Check your security on a regular basis
- Know what to do if your computer becomes infected

FedCIRC Contact Information

For Incident Response

Phone: 1-888-282-0870

Fax: 703-707-8494

Email: fedcirc@fedcirc.gov

For Information

Phone: 202-708-5060

Fax: 202-708-5869

Email: fedcirc-info@fedcirc.gov

