Beyond Authentication: Other Physical Access Control (PACS) Infrastructure Components

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Chair, ISC Convergence Subcommittee

Interagency Security Committee

Presentation

- Introduction to the Interagency Security Committee (ISC)

- ISC White Paper: Securing Government Assets Through Combined Traditional Security and Information Technology

October 19, 1995: President Clinton Signs Executive Order 12977

AUTHORITY:

"Each executive agency and department shall cooperate and comply with the policies and recommendations of the Committee issued pursuant to this order."

- EO 12977 § 6(b)

Interagency Security Committee

ISC Vision   People are safe and secure in Federal facilities throughout the country.

Mission   We safeguard US civilian facilities from all hazards by developing state-of-the-art security standards in collaboration with public and private homeland security partners.

Interagency Security Committee

- A truly interagency body exhibiting collaboration and communication between 54 Federal agencies and departments;

- Responsible for the creation and implementation of standards, guidelines, and best practices for the protection of nearly 400,000 non-military Federal facilities across the country;

- The work is based on real-world, present-day conditions/challenges; and

- Cost efficient by focusing on specific security needs of the agencies.

ISC Member Agencies (54)

PRIMARY MEMBERS (21)

1. Assistant to the President for National Security Affairs
2. Central Intelligence Agency
3. Department of Agriculture
4. Department of Commerce
5. Department of Defense
6. Department of Education
7. Department of Energy
8. Department of Health and Human Services
9. Department of Homeland Security
10. Department of Housing and Urban Development
11. Department of the Interior
12. Department of Justice
13. Department of Labor
14. Department of State
15. Department of Transportation
16. Department of the Treasury
17. Department of Veterans Affairs
18. Environmental Protection Agency
19. General Services Administration
20. Office of Management and Budget
21. US Marshals Service

ASSOCIATE MEMBERS (33)

1. Commodity Futures Trading Commission
2. Court Services and Offender Supervision Agency
3. Federal Aviation Administration
4. Federal Bureau of Investigation
5. Federal Communications Commission
6. Federal Deposit Insurance Corporation
7. Federal Emergency Management Agency
8. Federal Protective Service
9. Federal Reserve Board
10. Federal Trade Commission
11. Government Accountability Office
12. Internal Revenue Service
13. National Aeronautics & Space Administration
14. National Archives & Records Administration
15. National Capital Planning Commission
16. National Institute of Building Sciences
17. National Institute of Standards & Technology
18. National Labor Relations Board
19. National Science Foundation
20. Nuclear Regulatory Commission
21. Office of the Director of International Intelligence
22. Office of Personnel Management
23. Office of the U.S. Trade Representative
24. Pentagon Force Protection Agency
25. Securities and Exchange Commission
26. Smithsonian Institution
27. Social Security Administration
28. U.S. Army Corps of Engineers
29. U.S. Capitol Police
30. U.S. Coast Guard
31. U.S. Courts
32. U.S. Institute of Peace
33. U.S. Postal Service

ISC Convergence Subcommittee (CVS)

Develops mechanisms to support the integration of information management controls with security programs.

ISC CVS White Paper

Securing Government Assets through Combined Traditional Security and Information Technology

Authors: The Interagency Security Committee Convergence Subcommittee

An Interagency Security Committee White Paper
January 2015

Interagency Security Committee

Developed for the ISC by the Convergence Subcommittee (CVS)

Establishes a set of informative recommendations, seeking to assist the security and information technology communities to achieve convergence within an agency

- Physical Access Control System

  - Recommend Standards (RS) technology
    - e.g., RS-232, RS-422, RS-485

  - Internet Protocol (IP) Telecommunications Standards
    - Local Area Network
    - Wide Area Network

[E]PACS Infrastructure Components

Most Common Systems Integrated with PACS

- Video Monitoring System (VMS)

- Fire Alarm System
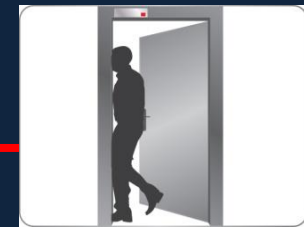
- Intrusion Detection System (IDS)
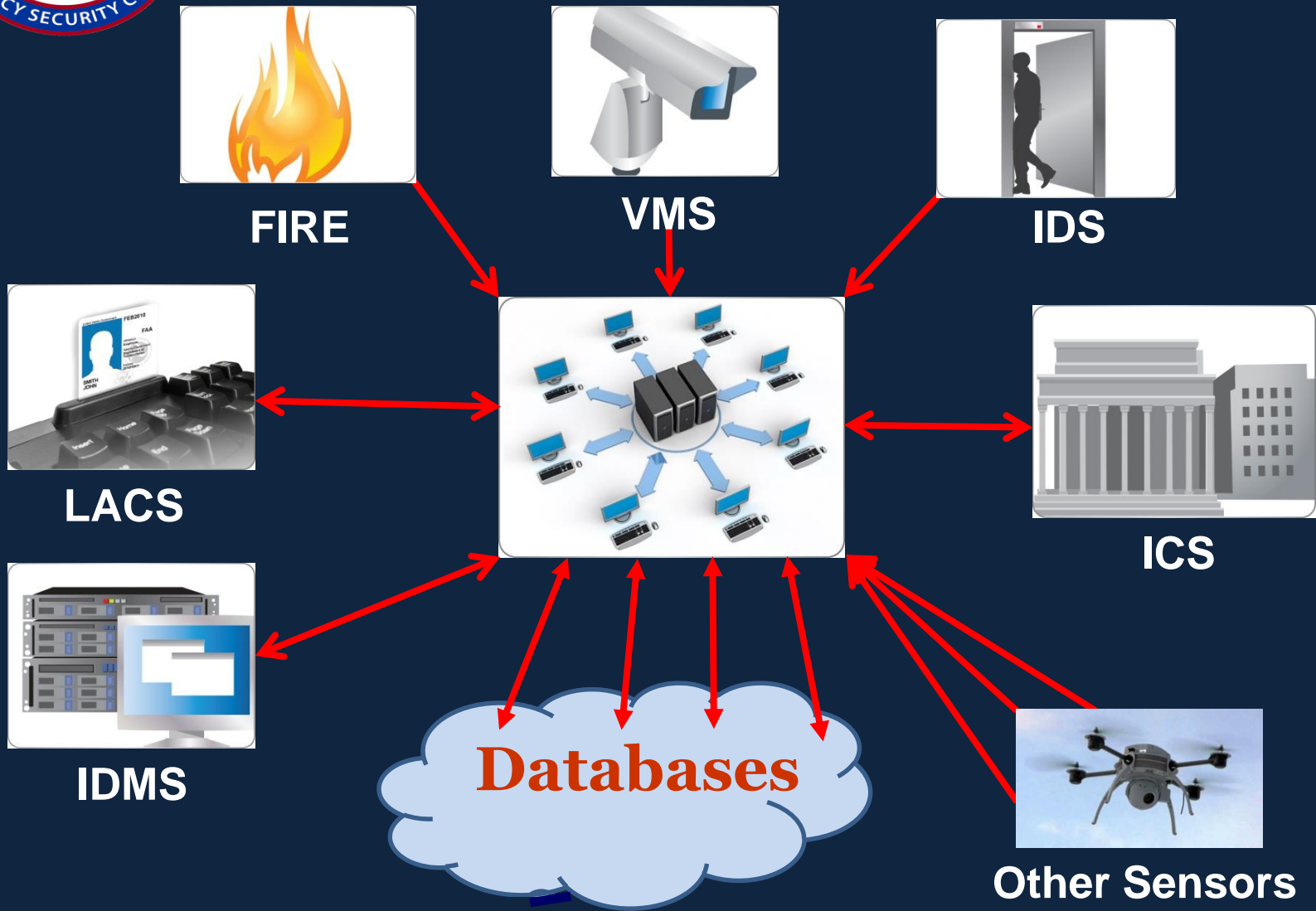
[E]PACS Components

VMS

FIRE

IDS

Enterprise Physical Access Control System

[E]PACS Components (Cont.)

FIRE

VMS

IDS

LACS

ICS

IDMS

Databases

Other Sensors

SUMMATION:
Other [E]PACS Components

- Enterprise PACS for US Government

- Not your parent's PACS

- CSO / CIO Coordination Crucial

More About the ISC

- To request access to ISC FOUO documents and training: ISCAccess@dhs.gov

- Website: www.dhs.gov/isc

Questions?

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