CERIAS
Education Strategies
The Role of Education in Information Security

- The significance of education
- Effective knowledge transfer
- Increase good practices
- Of various communities
  - Business and industry
  - Law enforcement
  - Home users
  - Educators
The Overview

- **Formal**
  - K12
    - CERIAS Led Cooperative
  - Post-Sec
    - CERIAS Led Cooperative

- **Informal**
  - K12
    - Products
    - Courses
    - Special Initiatives
  - Post-Sec
Formal K12

- **Emphases**
  - **Goal 1: Community Awareness through K-12 Schools**
    - Information Security Newsletter Series
    - Your Family and Internet Safety: Creating a Usage Policy
  - **Goal 2: Integration of Information Security into K-12 Standards & Curriculum**
    - K-5 Information Security Curriculum/Lesson Plans
    - Middle School Information Security Awareness Survey Data/Lesson Plan
  - **Goal 3: Increase the Security of K-12 Information Systems**
    - CERIAS Workshops for the K-12 Technology Coordinator
    - Purdue University- Indiana Schools Penetration Testing Project
Formal Post-Secondary

- CERIAS Led
  - NSF SFS – Faculty and Educational Materials Development Grant
  - NSA IATREP - CBK, Faculty Development, Educational Materials Development Grant

- Collaborative
  - Suny at Albany
  - Clark Atlanta
  - NWCET
Informal K12

- CERIAS Led
  - 1,340 Inservice teachers reached through workshops
  - Continue/expand?
  - Indiana Information Security Week

- Collaborative
  - ?
Informal Post-Secondary

■ Products
  • Video, CD-ROM

■ Licensing

■ Courses/Conferences/Workshops
  • Face-to-Face
  • Partnerships

■ Special Initiatives
  ■ Indiana Information Security Week
  ■ Information Security Literacy
Suggestions/Questions

- Biggest needs
  - Audience
  - Topic
  - Demographic