



Mississippi Department of
Information Technology Services

Security Awareness and Education

What is Security Awareness?

- It is the knowledge, skill, and attitude an individual possesses regarding the protection of information assets that they have access to or have stored on their computers.



Security is a Shared Responsibility

- People are an organization's greatest security weakness as we all make common mistakes. As a result, **WE** have become the primary target!
 - Data Theft
 - Identity Theft
 - Attacking others (people or systems)



Why Security Awareness Training?

- Human error is the root cause of most data breaches
 - End user failure to follow policies
 - General carelessness
 - IT staff failure to follow policies



Why Security Awareness Training?

- Verizon's 2017 DBIR Research revealed that 43% of documented breaches involved social engineering attacks
 - Email
 - Social Media
 - Mobile Apps





Why Security Awareness Training?

- Security-related risks are reduced by 70% when businesses invest in cybersecurity training and awareness
- 93% of cybersecurity professionals agree that humans and technology need to work together to detect and respond to threats, like phishing attacks
- A modest investment in security awareness and training has a 72% chance of significantly reducing the business impact of a cyber attack

Why Security Awareness Training?

“I believe in the basics: attention to, and perfection of, tiny details that might be commonly overlooked. They may seem trivial, perhaps even laughable to those who don’t understand, but they aren’t. They are fundamental to your progress in basketball, business, and life. They are the difference between champions and near champions.”

– John Wooden





Enterprise Security Awareness Training Solution

- RFP 4034
- Contract Use
- Pricing
- Registration
- <https://www.its.ms.gov/Services/Pages/Security-Training-Opportunities.aspx>



SecurityIQ by InfoSec Institute

- Personalized Security Training
 - 130+ Training Modules
- Phishing Simulation and Anti-Phishing Training
 - 200+ Phishing Templates
- Learner Assessments
- Analytics & Reporting



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