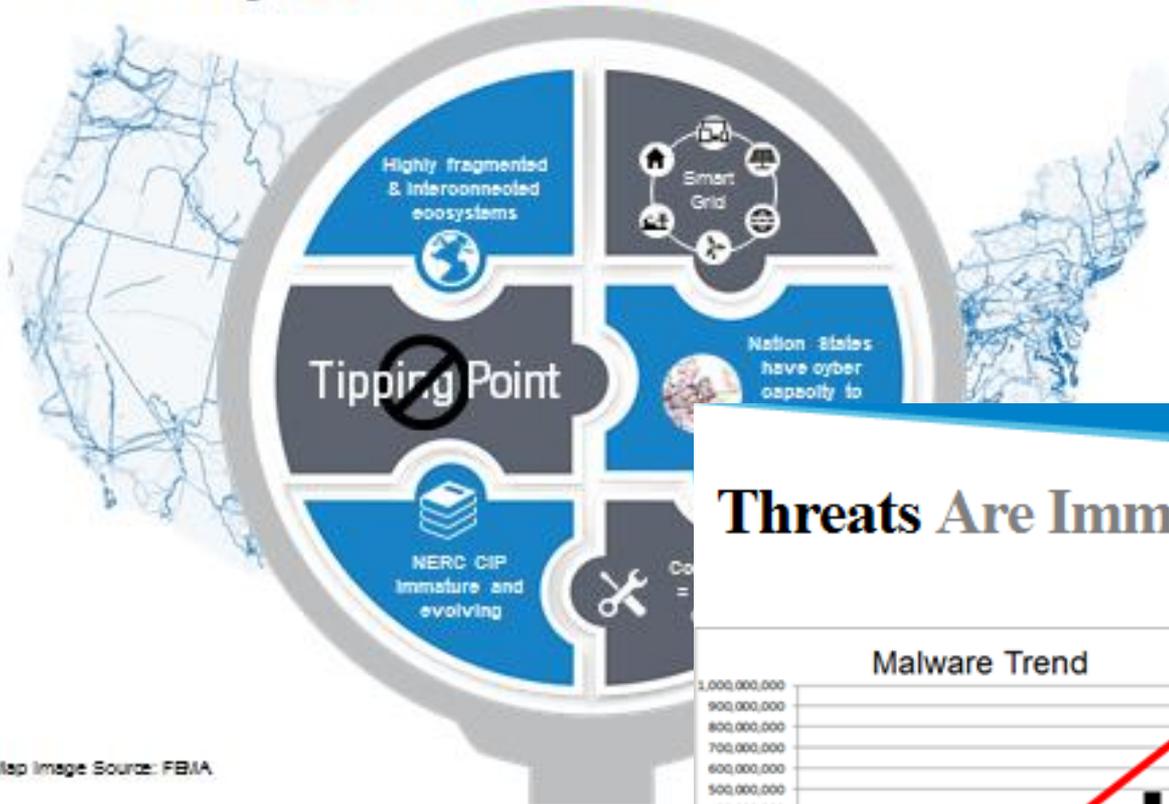




Security Strategy & Program

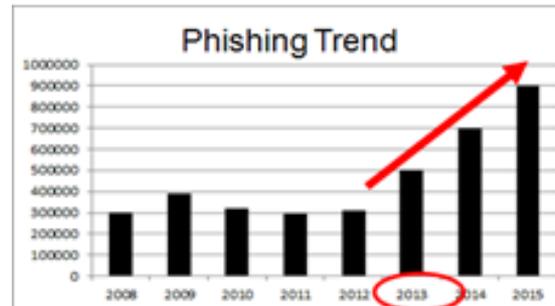
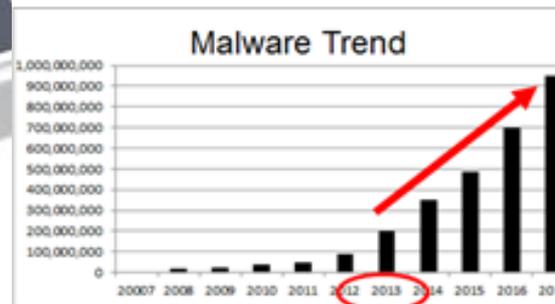
John Goode
Chief Information Officer
MISO Energy

Security on The Grid..



Map Image Source: FBI/IA

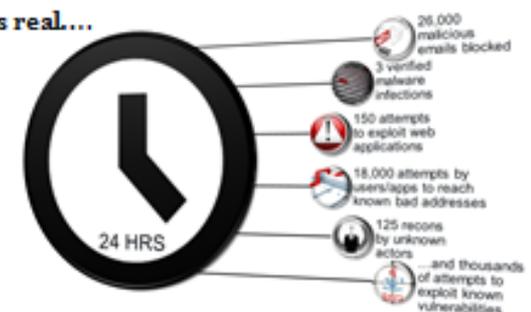
Threats Are Immense & Relentless



Security is a Big Data Problem

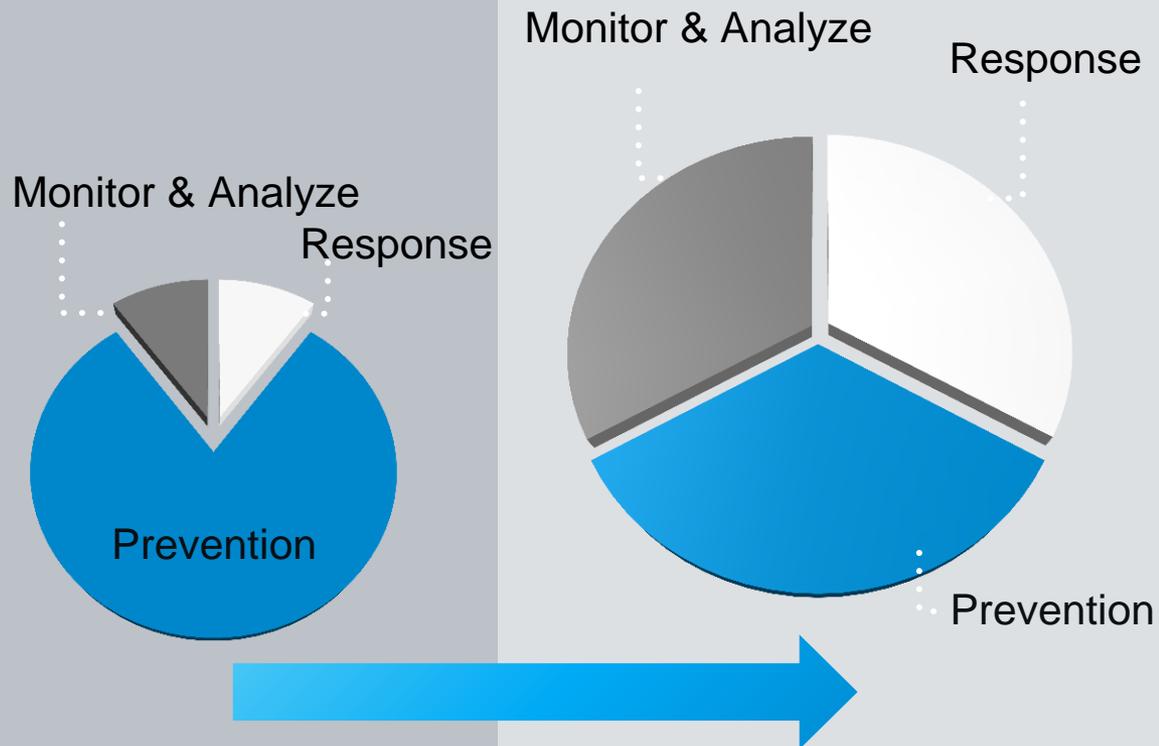


It's real....



MISO Intelligence Driven Security

Operational awareness of normal network activity, comprehensive knowledge of the relevant threat landscape, ability to detect anomalies in network behavior, and ability to quickly resolve anomalies



MISO Intelligence Driven Security



Threat Intelligence

Leveraging comprehensive knowledge of the threat landscape



Prevention

Capabilities proactively deployed to protect and prevent compromise



Analytics

Developing ability to detect subtle anomalies in network behavior



Operational Awareness

Understanding normal network activity, data flows and user behaviors



Incident Response

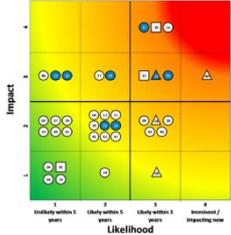
Ability to quickly resolve anomalies to minimize impact

Risk Management

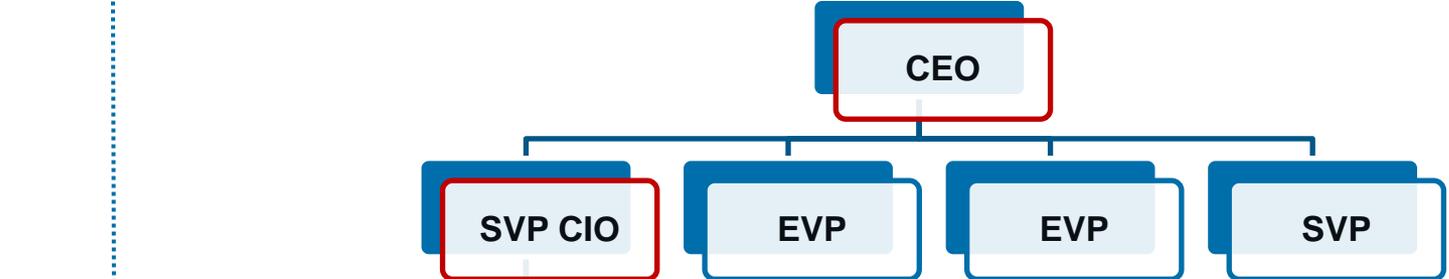
Governance

Enterprise Risk Management

Board of Directors
CEO

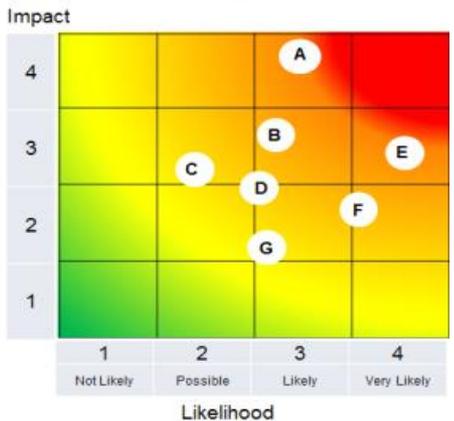


MISO Enterprise Risks



CISO & Exec Dir

Security Advisory Group
CISO



MISO Security Risk Grid

MISO Security Capabilities

Best in Class Security Technology



MISO Security Partnerships

Industry Standardization

- Security Standards (Policies) based on unified control framework
- Risk Management based on International Standards 27005 and 27001
- Third Party/Vendor Security born from highly regulated Financial Services

Premier Industry Partners



LOCKHEED MARTIN



Agency Partnerships

