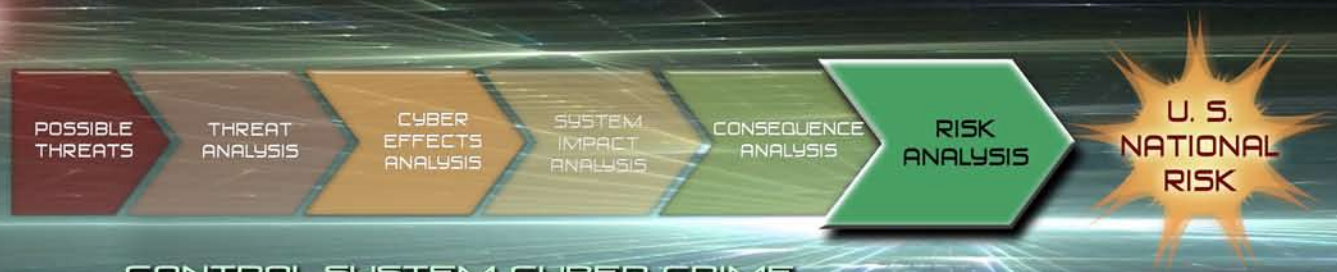
National SCADA Test Bed



CONTROL SYSTEM CYBER CRIME

THREAT-VULNERABILITY-CONSEQUENCE

CIP COMPLIANCE

CRITICAL INFRASTRUCTURE RISK ANALYSIS

Threat-to-Consequence Framework

Transforming control system security to proactively reduce risk through holistic risk analysis and information exchange among energy sector stakeholders

Challenge / Approach

Develop a qualitative approach to risk

Improve accuracy of relative risk estimates

Rate the full spectrum of cyber risk

Analysis

Develop tools to support proactive, holistic risk analysis

Develop a "playbook" of well-understood risks

Foster dialogue to incorporate industry perspective

Sandia National Laboratories

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