

NSTB 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

