

**ENTERPRISE**

# Cyber Security Risk Assessment Session Overview

David Bolon  
Enterprise Products

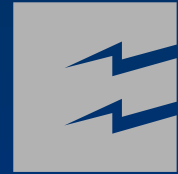
# Risk Assessment - Why should you care?



- Cyber Security Risk Assessment is a business issue
  - Lack of operable assets is a bottom line issue
    - Cyber security breach can adversely impact availability of assets
    - Securing assets is a matter of identifying & prioritizing the changes that will bring the most bang for the buck
    - How will you spend scarce resources?

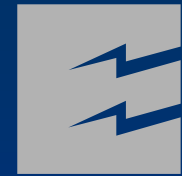


# Risk Assessment – What is it?

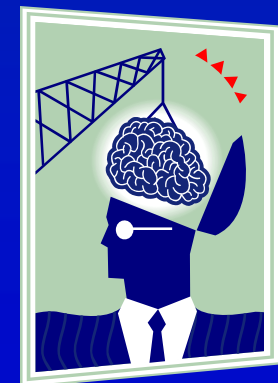


- Definitions
  - Process to understand and manage risk in a cost effective manner, so business can continue without interruption
  - An evaluation of processes for security and safety issues that pose risks to the continuity of safe and reliable operations (API 1164, 2<sup>nd</sup> ed.)
- Ideally
  - Need a simple, easy-to-use process to identify, measure, quantify, and prioritize risks
  - Can then identify mitigation steps and their costs
- Outcome, end result should be:
  - Understanding of assets & values
  - List of prioritized risks
  - List of prioritized counter-measures (cost/benefit analysis)

# Risk Assessment - What you can learn?



- A good understanding of “cyber security risk assessment”
- A good understanding of what to look for when told to conduct a Cyber Security Risk Assessment
  - Understand the risks of conducting a risk assessment
- Real-world experience from someone that has been through process
- Understand that it’s not easy.
  - Pros & Cons exist for all canned methodologies.
  - Helpful information to manage a Risk Assessment



# Cyber Security Risk Assessment



- Session is Wednesday, 4/21/2010 from 4:30p – 5:30pm

## Speakers:

- Annie McIntyre – Principal Member of Technical Staff, Sandia National Lab
  - Gypsy Morinelli, Network Infrastructure & Security Team Leader, Chevron Pipe Line Company
- 
- Any questions?