



# Cybersecurity Figure of Merit (CFOM)



04 May 2016



Presented to:  
Acquisition Research Symposium – Panel #9

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The overall classification of this brief is: UNCLASSIFIED

# Why CFOM?

## ▼ The Question:

- How much does a pound of cyber cost?

## ▼ The Background:

- Reliance vs Reliability Gap
- Inability to measure cyber wholeness
- Inability to shape cyber investments

## ▼ The Methodology

- CFOM as a predictive measure (mission risk)

- ▼ MITRE delivered CFOM technical white paper 30 Sept 15
- ▼ Proposed 3 Case Studies
  - CFOM as an Acquisition Readiness Tool
  - CFOM to Optimize Investments
  - CFOM in a System of Systems (CuFOM)
- ▼ Identified a potential framework from which to deviate

We are prepared to move forward with CFOM Pilot  
Issue: CFOM funding fell below the cut line

# Way Forward

- ▼ CFOM Phase 2 (pilot)
- ▼ CNO funded NPS to develop CFOM Thesis (vignette)
  - Aligned with Dr. Randy Maule and student
  - Focused on a tactical thread via Valiant Shield



## Vision

The Navy's C4ISR and Cyber Engineering Authority

## Mission

As the Navy's recognized technical leader in C4ISR and Cyber, we provide engineering rigor across the acquisition lifecycle to define, develop, deliver, and sustain well-integrated, interoperable and resilient systems across the Navy