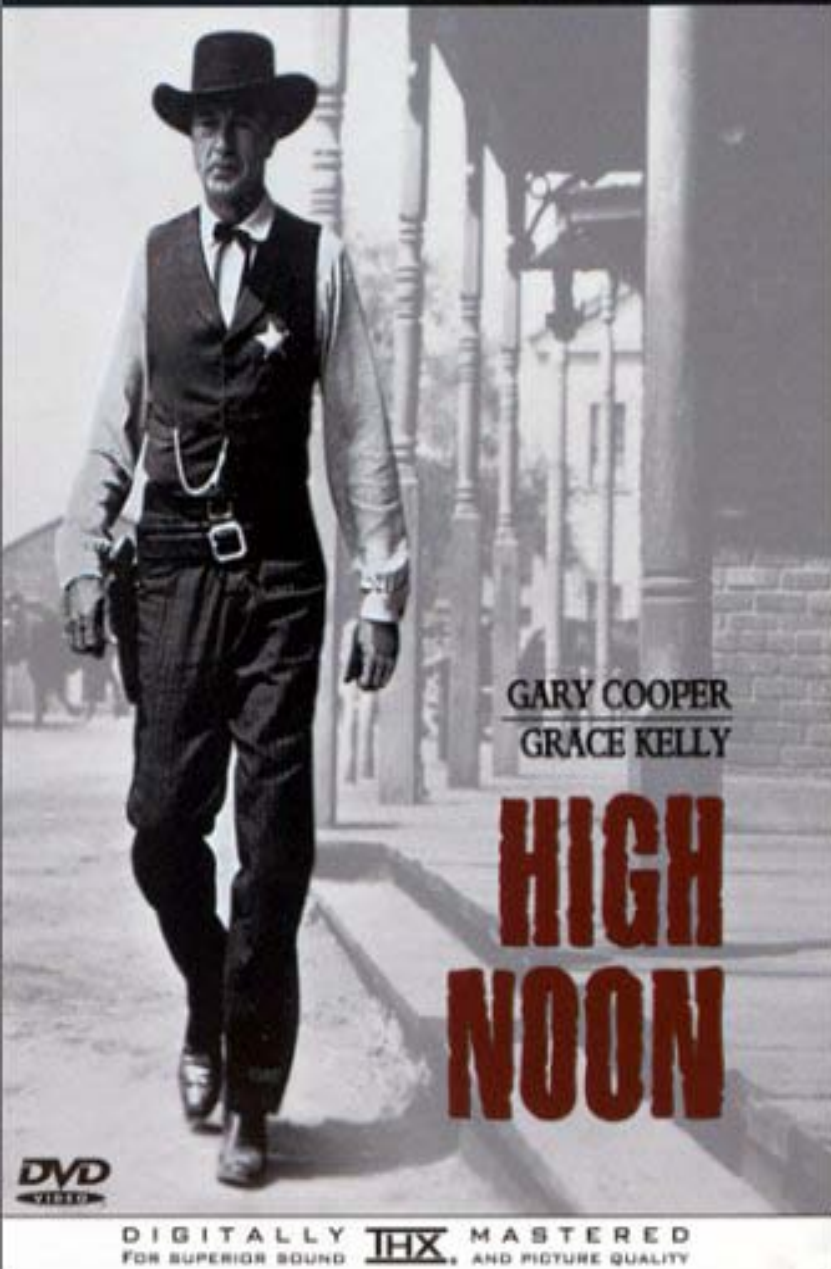


Includes "THE MAKING OF HIGH NOON" Hosted by Leonard Maltin



The New Sheriff in Town

NIST 800-37, Rev.1

“Authorization”

Al Payne, CISSP, CAP

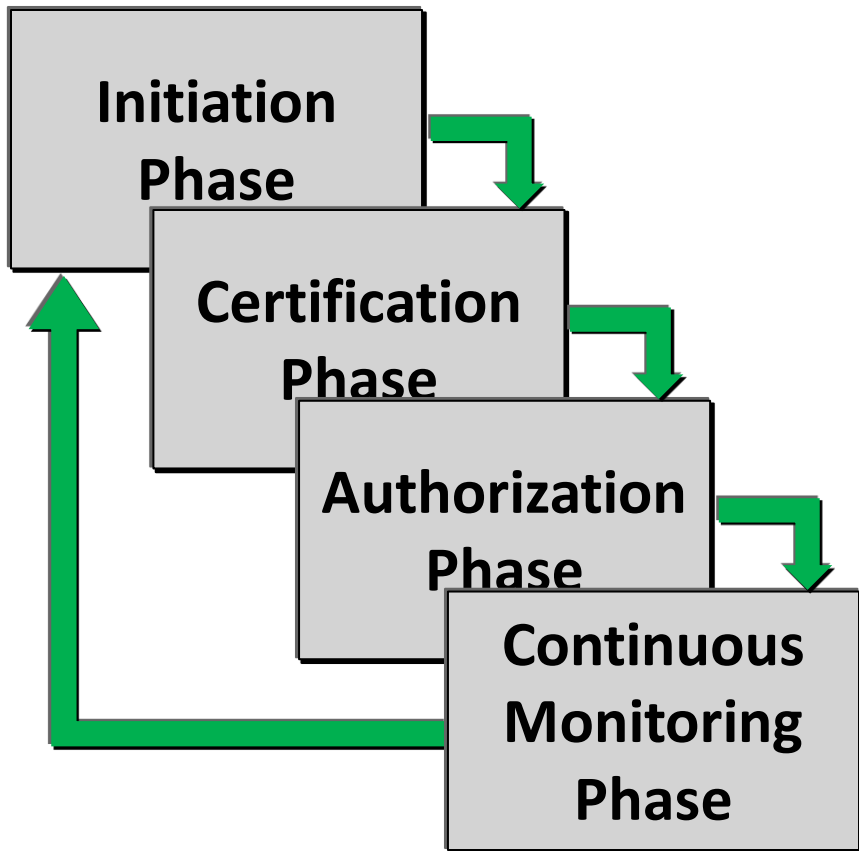
al@cybersecurityprofessionals.com
www.cybersecurityprofessionals.com
703-409-4039

Jim Litchko, CISSP-ISSEP, CAP

jim@litchko.com
www.litchko.com
301-661-3984

The Old and New

NIST C&A Process Phases



Risk Management Framework (RMF) Steps, SP 800-37, rev 1

- 1: Categorize Information System
- 2: Select Security Controls
- 3: Implement Security Controls
- 4: Assess Security Controls
- 5: Authorize Information System
- 6: Monitor Security Controls

Control Classes and Families

CLASS	FAMILY	DIAGRAPH
Management	Certification, Accreditation, and Security Assessments	CA
	Planning	PL
	Risk Assessment	RA
	System and Services Acquisition	SA
	Program Management	PM
Operations	Awareness and Training	AT
	Configuration Management	CM
	Contingency Planning	CP
	Incident Response	IR
	Maintenance	MA
	Media Protection	MP
	Personnel Security	PS
	Physical and Environmental Protection	PE
	System and Information Integrity	SI
Technical	Access Control	AC
	Audit and Accountability	AU
	Identification and Authentication	IA
	System and Communications Protection	SC



SANS Consensus Audit Guidelines (CAG)

- **SANS initiative to prioritize the most effective controls for security our systems**
- **Broad adoption of CAG could lead to security automation and government-wide procurement of tools that work.**
- **User Vetted Automated Tools**
 - 33 tools and 25 vendors



20. Security Skills Assessment and Training To Fill Gaps

DoD 8570

Information Assurance Workforce Improvement Program

Table AP3.T2. DoD Approved Baseline Certifications

IAT Level I		IAT Level II		IAT Level III	
A+ Network+ SSCP		GSEC Security+ SCNP SSCP		CISA CISSP GSE SCNA GCIH	
IAM Level I		IAM Level II		IAM Level III	
GISF GSLC Security+ CAP		GSLC CISM CISSP CAP		GSLC CISM CISSP	
IASAE I		IASAE II		IASAE III	
CISSP (or Associate)		CISSP (or Associate)		ISSEP ISSAP	
CND Analyst	CND Infrastructure Support	CND Incident Reporter	CND Auditor	CND-SP Manager	
GCIH CEH	SSCP CEH	GCIH CSIH CEH	CISA GSNA CEH	CISSP-ISSMP CISM	

****Red** indicates new certification as of Change 2 of 8570.01-M



Information Assurance Support Environment
Your "One-Stop-Shop" for IA Information

<http://iase.disa.mil/eta/iawip/ia-pos/>

OMB FISMA Guidance

- **THE NUMBER ONE** influencer of future trends
 - Office of Budget and Management (OMB)
 - “**The Golden Rule**”
- **Summer OMB FISMA Guidance Memorandum**
 - What Fed’s will report in the Fall
 - Sets priorities for Fed IT Security Programs
- **# of Agency-Owned and Contractor Systems that**



“If your agency does not have the **automated capability** to provide **real to near real-time enterprise-wide cybersecurity situational awareness**, please provide the date by which your agency will have this capability in place.”

High Noon is Coming

- **NIST 800-37, Revision 1**

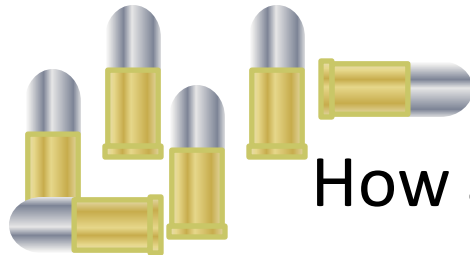
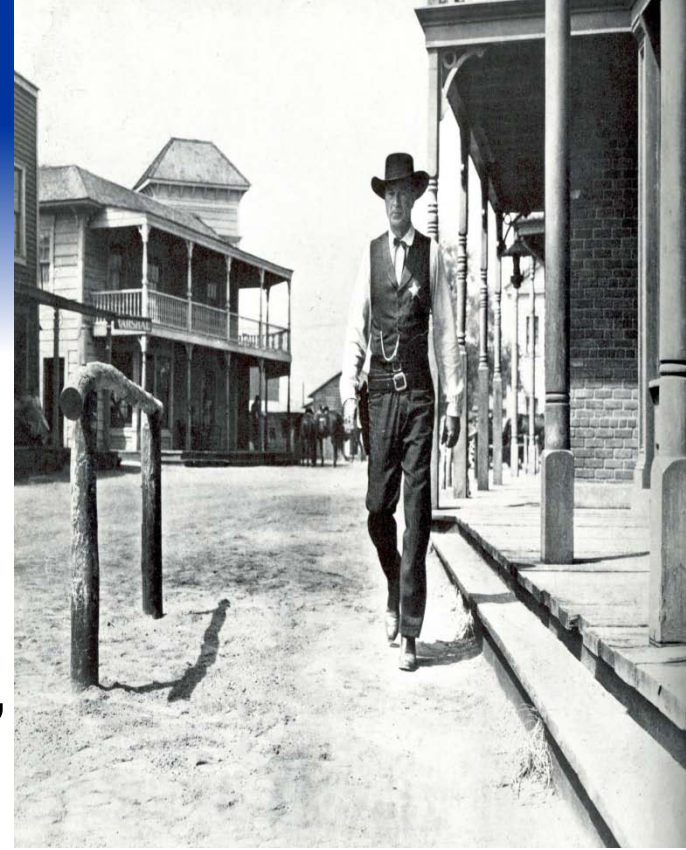
- Approved – February 2010
- Implemented - February 2011

- **Big impact**

- Planning, strategy, policy, procedures, approval and resources.

- **Long term**

- Less paperwork, continuous authorization and less impact on mission operations



You have six Silver Bullets.
How are you going to use them?

What are you doing before Noon?

 **How are you doing it?**



It is 9:30 o'clock, what next?

 **How are you doing it?**



It is 10:00 o'clock, what next?

 **How are you doing it?**



It is 10:30 o'clock, what next?

 **How are you doing it?**



It is 11:00 o'clock, what next?

 **How are you doing it?**



It is 11:30 o'clock, what next?

 **How are you doing it?**



High Noon is Coming

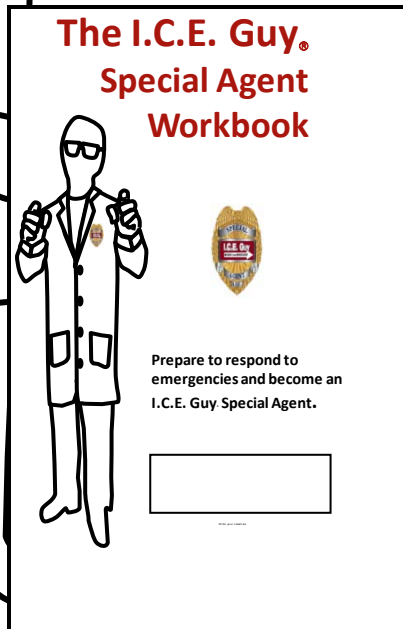
- **Certifications**
- **Increased awareness**
- **Frequency of awareness efforts**
- **Integration into SDLC**
- **Leverage CM results**
- **Reporting status frequently**



How tough is it going to be on you?

The I.C.E. Guy

- **Getting ourselves prepared for future events, adults and children.**



Download a Free workbook from the following website:

www.theiceguy.com



Preparing families for emergencies