

	Raytheon
Agenda	
 Cyber Terms and Definitions 	
System Security Engineering Role & Responsibility	
 Holistic Approach to Program Protection 	
 Common Metric & Common Scale 	
 Cyber Resilient & Secure Systems Assurance Case 	
 Component Risk Assessment 	
 Call for Action / Opportunities 	
What Do We Need?	
Tiered Risk Mitigations / Countermeasures	
	10/22/2016 2
Export Controlled Marking – See Cover Page	10/22/2010 2



















Raytheon		
What We (Prime System Integrators) Need?		
As a representative of a defense prime system integrator, what would I like from the security focused supply chain community?		
A range of characterized solutions (processes, technologies, techniques, testing, etc) that allow us to present trade options (risk, cost, and performance) to our customers.		
Unfortunately, one off solutions will not get us there. Unique options are important and valuable but we need the security focused SCRM community working together.		
Notional categories for consideration in which to develop a range of risk mitigations: Design		
Manufacturing		
Source (Suppliers) - Notionally heavily based on a composite of the other categories + people		
Traceability / Provenance Mapping		
Pedigree (Quality)		
Data & Information Management		
Testing		
Transportation & Logistics 10/22/2016 13		



Security Focused Supply Chain Risk Management Tiered Risk Mitigations / Countermeasures	Raytheon	
NOTIONAL Levels of Ross Milliption / Coasternessures Design Internet in the second se		
All of these categories may not be needed in each instance. Perhaps it could be customized end the level of trust must be proven.	but in the	
For example, provenance mapping may not be needed if there is a technical solution integrated in the component design that can prove authenticity. Design levels may not be appropriate if it is a discrete component.		
We need a menu of options.		
Can you fit your services and products into this type of matrix?		
We need the Defense Industrial Base Supplier Community to help create and fill in this matrix	ζ.	
This will allow us to make trades and present options to our customers.		
Export Controlled Marking – See Cover Page	10/22/2016 14	

Questions?	Raytheon
Export Controlled Marking - See Cover Page	10/22/2016 15