







	Proj Alpha	Proj FED	Proj LOG	Proj MIL	Proj Gol
Software Development Characteristics:					
Lifecycle Phase	MS A	FD	MS C	MS B	FDD
Waterfall					
Incremental		х	х	Х	х
• Agile	?			х	х
Core COTS Product	Undecided	SAP	SAP	PeopleSoft	SAP
Size Measure Usage:					
• ESLOC					
Function Points					
RICEFW / Configurations	x	х	x	х	х
Requirements	x				



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## **Initial Sizing and Size Stability** Limited availability of quantifiable system artifacts beyond high-level requirements and core business processes at Milestones A & pre-B Significant number of course corrections: Policy changes/mandates \_ Evolving external system interfaces \_ User-driven changes (extending functionality, improving \_ performance and defect resolution) Cybersecurity Evolving end product beyond initial deployment For example: new DoD Directive states an interfacing system will be retired and now the functionality needs to be provided by System X

OSM The Intelligence behind Successful Software Projects





	Strengths	Weaknesses	Opportunities for	
			improvement	
Business Requirements	Available early in the life cycle	Highly variable to effort	Use of non-DoD historical data (i.e., analogous)	
Business Processes	Core Functionality based	Highly variable to effort	Historical data; metadata	
ESLOC	Code counting tools and robust definitions; minimal counting variation	Not natural by-product of EIS software development environment	Establish definitions for size normalization of EIS work products	
Function Points	Counting standards & definitions, minimal variation	Lack system definition at early milestones; training investment	Invest in function point counting of analogous and target system	
RICEFW / Configurations	Natural by-product of software end product	Not well defined (lack of standardized counting guidance)	Counting guidance and standardization	
Agile User Stories / Story points	Natural by-product of the software development process & end product	Definition of a User story varies; Use of Story Points is scarce	Increase usage of analogous historical data	





