

SCALING SOFTWARE AGILITY

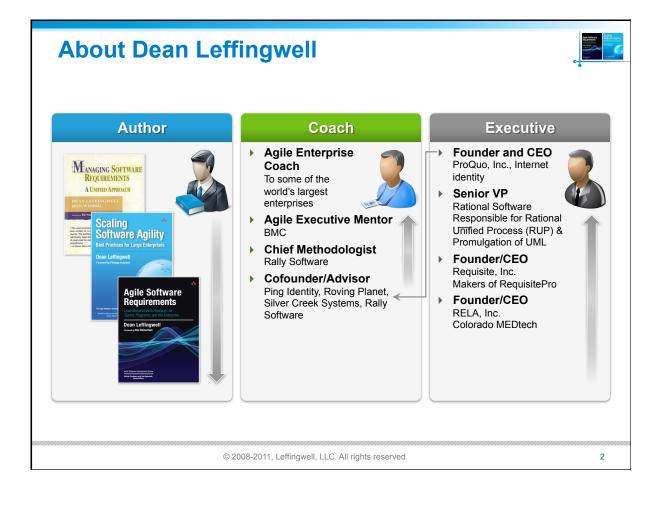
Agile Portfolio and Program Management in the Scaled Agile Framework

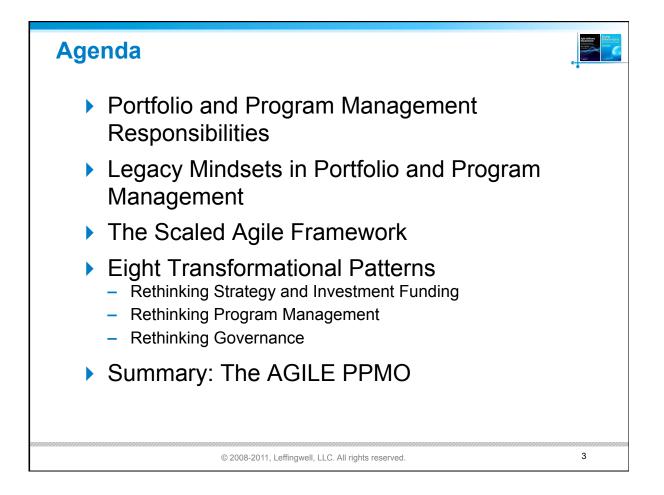
Eight Transformational Patterns

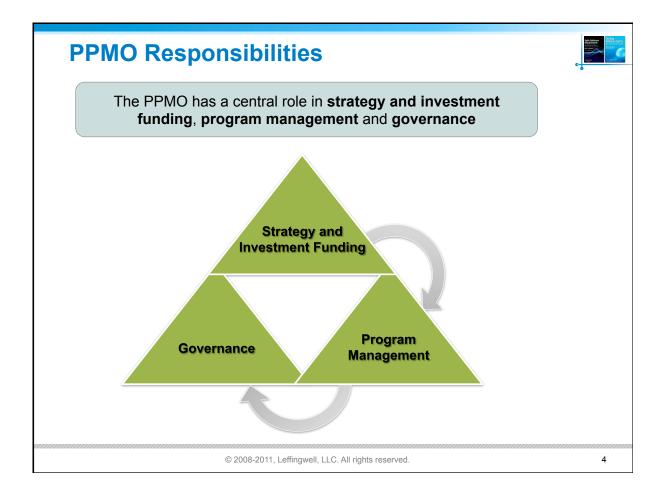
DEAN LEFFINGWELL Leffingwell, LLC.

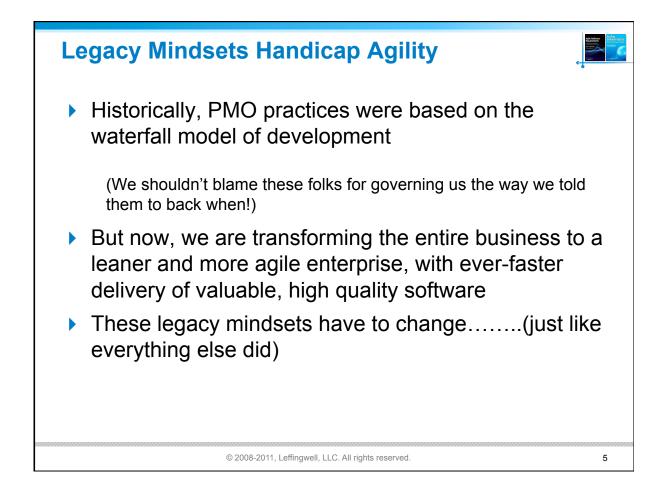
deanleffingwell@gmail.com http://scalingsoftwareagility.wordpress.com











egacy Mind		elite et
0,	Investment Fund	.
Mindset	Manifestation	Problems
"we can plan out a full year	 Long term program commitments 	 Plans are obsolete, but not treated that way
of projects"	 Teams must justify personnel a year out 	 Projects impossible to kill once started
		 Everyone lives a lie
"Maximize	 Resources committed 	No time to think or innovate
utilization"	 long range 100% allocation before "what if" Key resources assigned to multiple projects 	 Dedicate resources to task or lose resources
		 Thrashing – productivity lost of
		most valuable resources
		No flex to changing priorities
		 Exhaustion, burnout

and Baker, DTE Energy, by DTE Energy - Implementing and extending agile practices since 1998

Legacy Mindsets

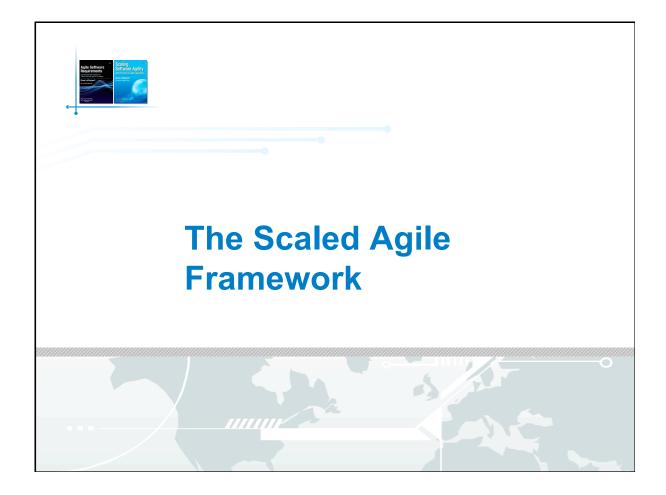


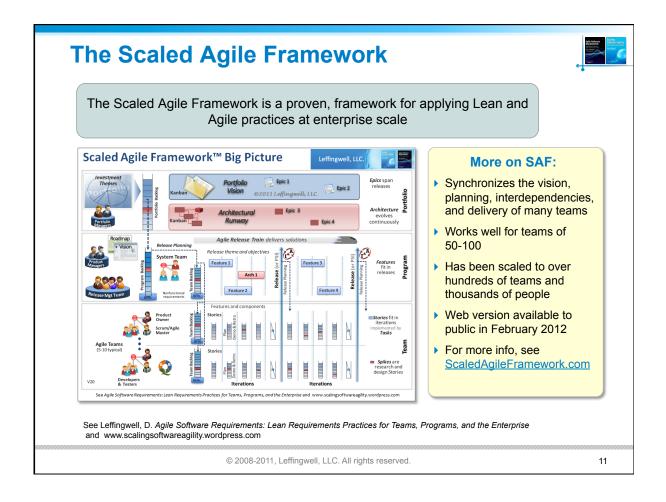
Program Management

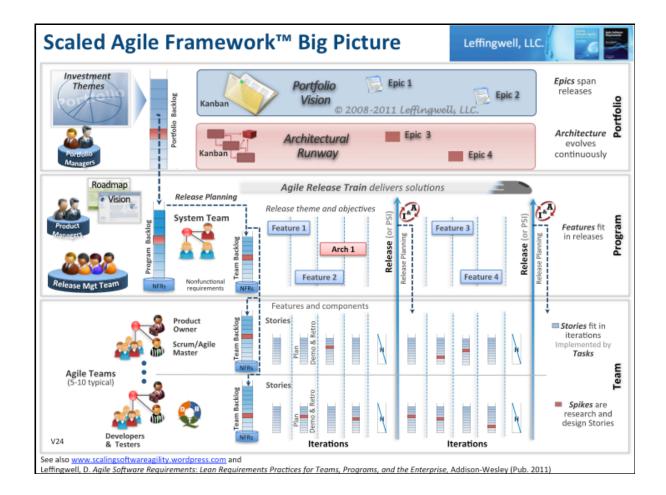
Mindset	Manifestation	Problems
"widget engineering"	 Fixed schedule, functionality planning Big Up Front Design/ Analysis (BUFD) Detailed requirements specifications 	 Long range detailed commitment Resources committed year in advance Analysis paralysis Specs are wrong, hard to change
"Get it done"	 Belief that best case plans must succeed 	 Deferred recognition of plan vs. actual Late discovery and re-negotiation Extended risk profile Loss of credibility, mistrust
"order taker mentality"	Do what you are toldWe are the boss of you	 False agreements. No buy in. Misses IT innovation contribution Failure to meet expectations –mistrust No empowerment, lower motivation

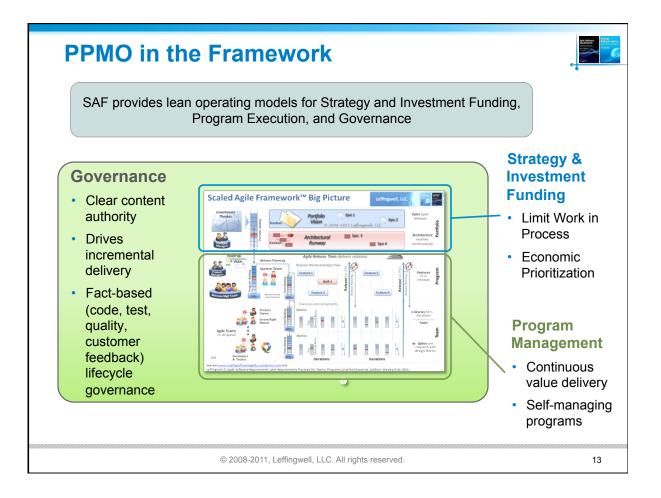
Legacy Min Governance	and Oversight	c a
Mindset	Manifestation	Problems
"Control through data"	 Fine grain reporting and overhead Detailed wbs, earned value metrics, loaded Gantt charts 	 Reporting overhead slows value delivery Metrics don't reflect actual progress
"Control through milestones"	 Milestone reporting on intermediate artifacts 	 Milestones do not reflect actual progress Annoys the team "they just don't get it"
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		oa	Patterns dmap", one that builds an Agile PPMO le Principles	on
	Legacy Mindset		Lean-Agile Pattern	
#1	Too Many Projects		Limiting Work in Process	
#2	Detailed Project Plans		Lightweight Business Cases	
#3	Annual Funding		Incremental Funding	
#4	Centralized Annual Planning		Decentralized Rolling-Wave Plann	ing
#5	Work Breakdown Structure		Agile Estimating and Planning	
#6	Projects		Agile Release Trains	
#7	PMBOK		Agile Project Management	
#8	Waterfall Milestones		Fact-Based Governance	
	Legacy PPMO		Agile PPMO	
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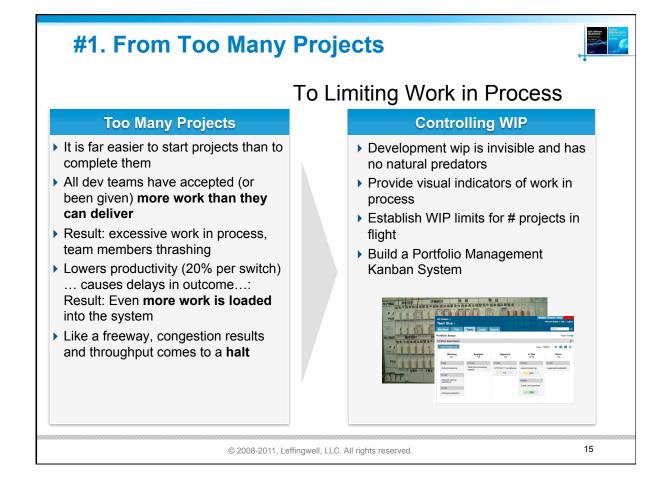


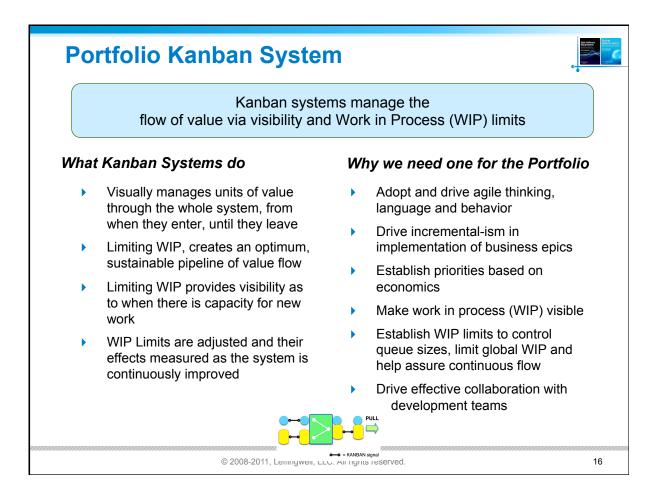


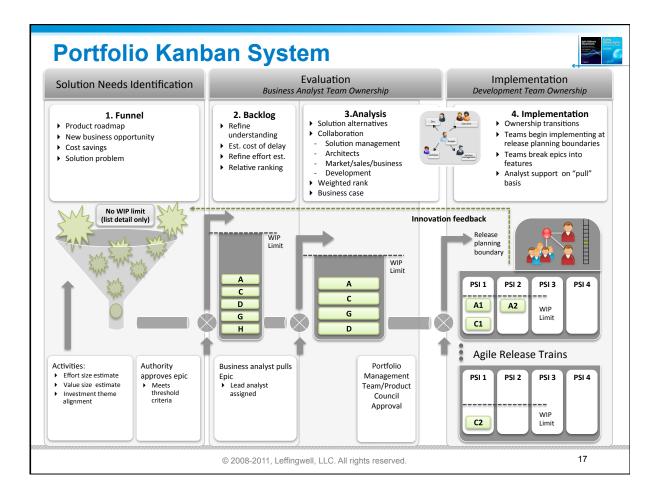




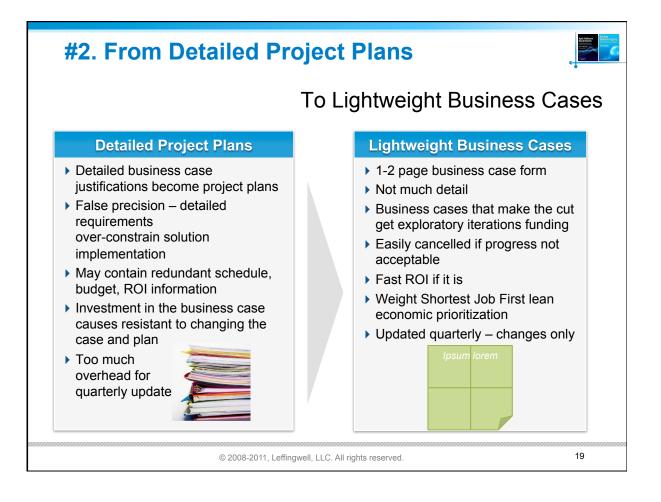




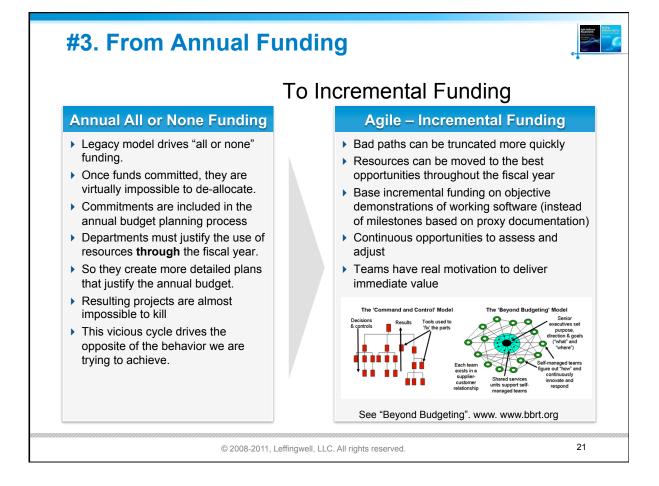


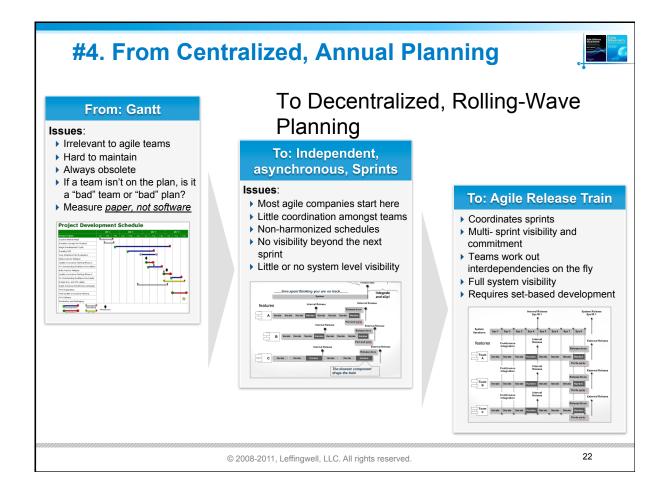


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Backlog 3/∞	Analysis 1/5	Approval 1/2	In Dev 2/15	Done 1/∞	
PI222	PI12267	PI1232	PI2828	PI1231	
Auto-provisioning	Real-time account reports	ing CFR Part 11 complia	nce Auto-provisioning	Japanese localization	
PI1222		1%	<mark>4</mark> 0%		
Network security restrictions			PI2828		
PI1234			Credit card payments		
Chinese localization			70%		

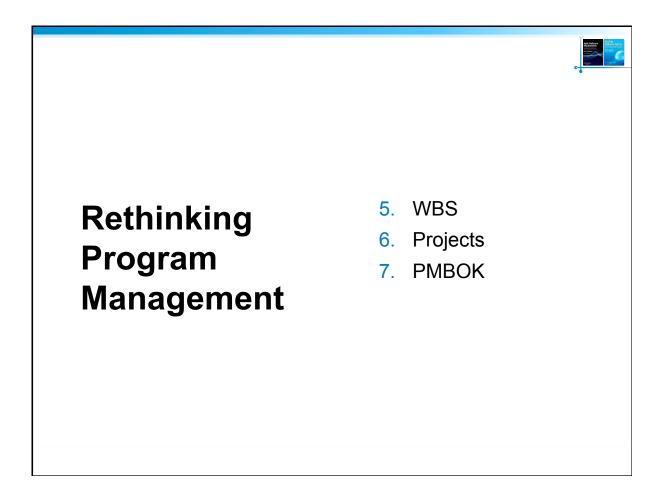


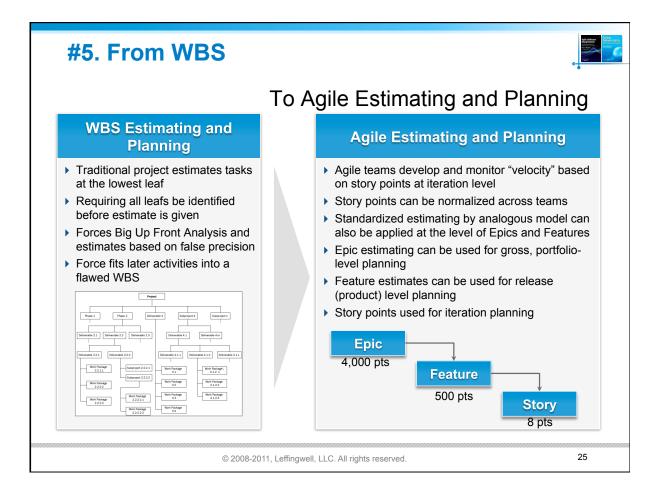
Epic Name	Go or NO Go Recommendation:		Date entered Backlog:	Anal	yst Owner:	1	
Version	Ch			Еріс	Owner:	-	
Description of the Epic	I					-	
Stakeholders sponsors	(Identifies key bu	isiness sp	oonsors who will be sup	porting the initiativ	re)	-	
Users and markets a	ffected	(Descrit	be the user community of	of the solution and	any markets affected)]	
Products, programs,	IS, In house or outsource development		(describes recommendations for where the epic is to be developed)			developed)	
Impact on sales, dist deployment	sti Estimated development timeline		Start Date: Completion date: (Estimated calendar date or n			date or number of PSIs)	
Estimated investment Weighted rating	Incremental Implementation Strategy	1	(Breaks initiative down into preliminary epics or sub-epi cadence)			ics that fit the companies PSI	
	Reevaluation checkpoints		(If the epic is large, identifies potential milestones or che			eckpoints for reevaluation)	
	Analysis summa	ıry	(Brief summary of the analysis that has been formed to create the business case. Pointe other data, feasibility studies, models, market analysis, etc. that was used on the cre of the business case)				
	Attachments		Project Stakeholde				
			System Stakeholde				

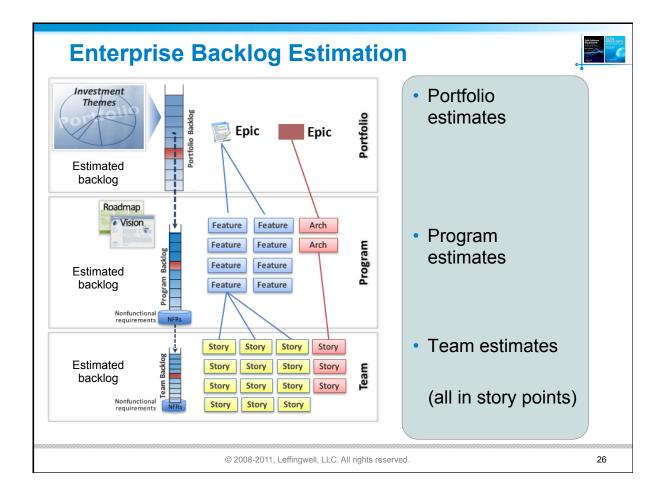


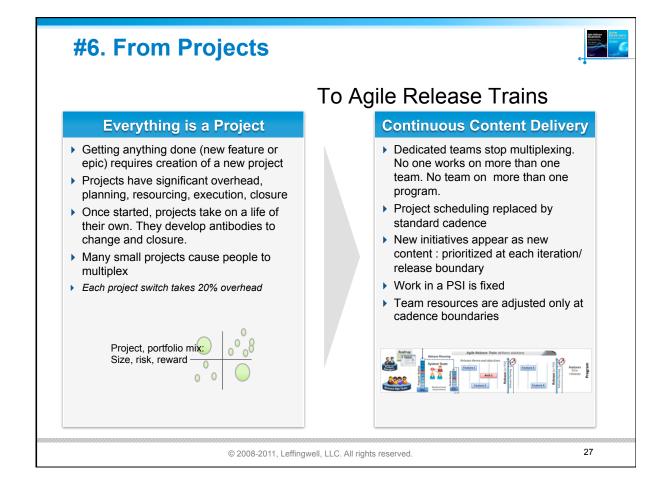


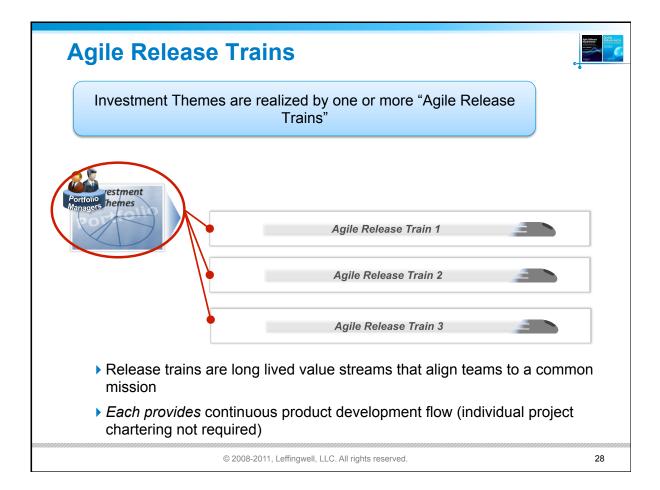


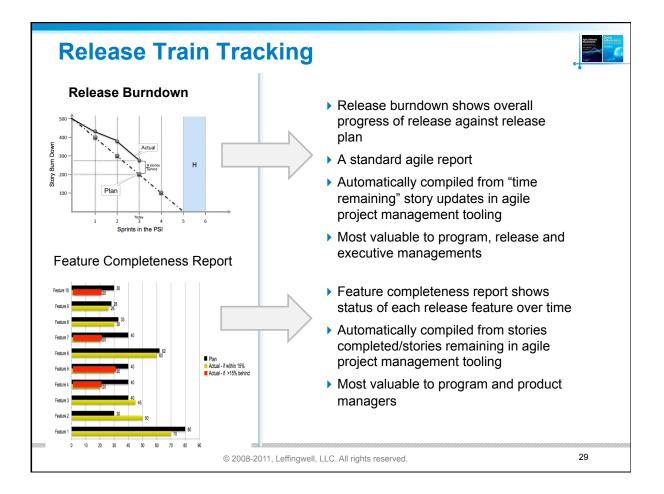


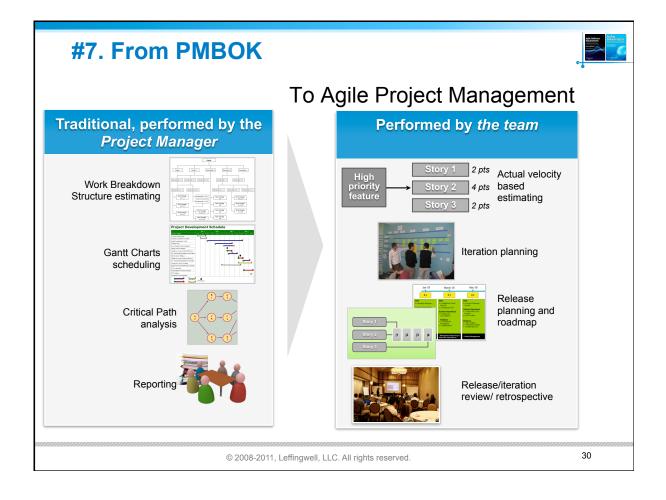








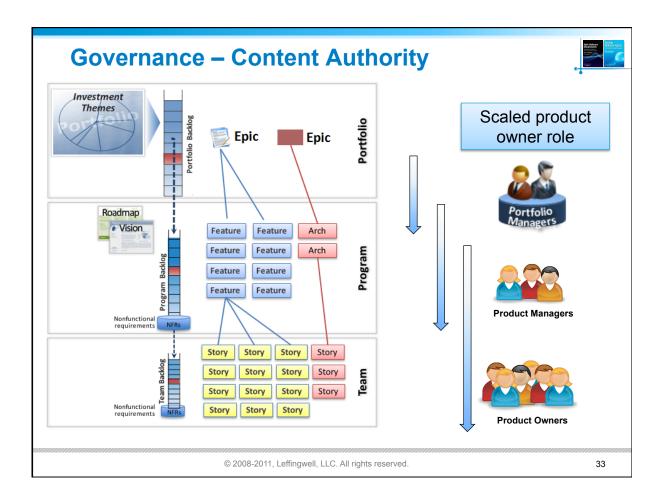


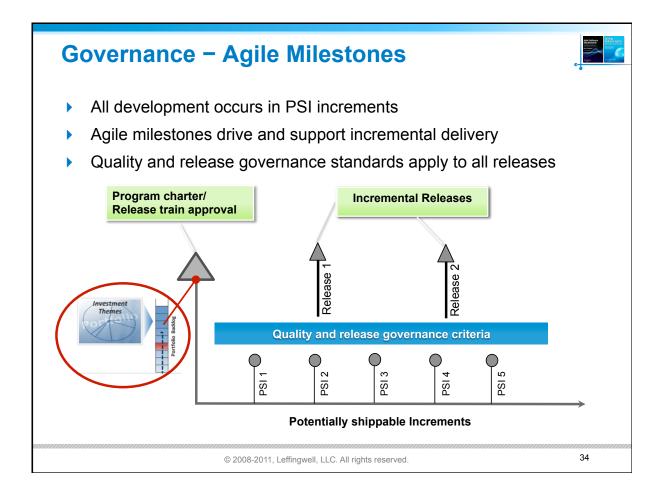






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The Agile PPMO

