

SCALING SOFTWARE AGILITY

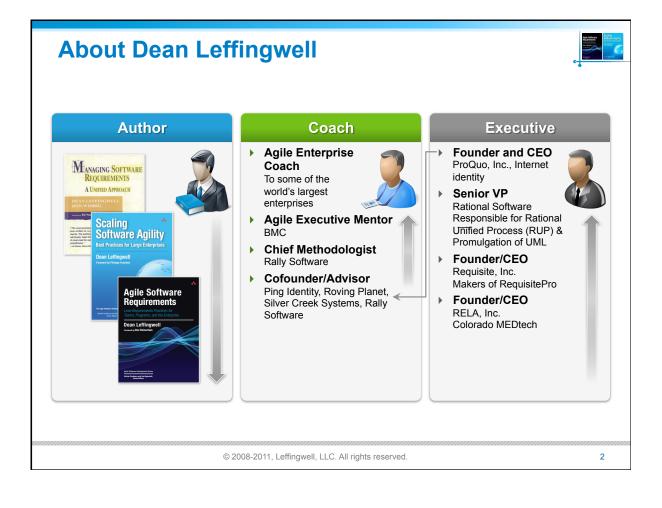
Agile Portfolio and Program Management in the Scaled Agile Framework

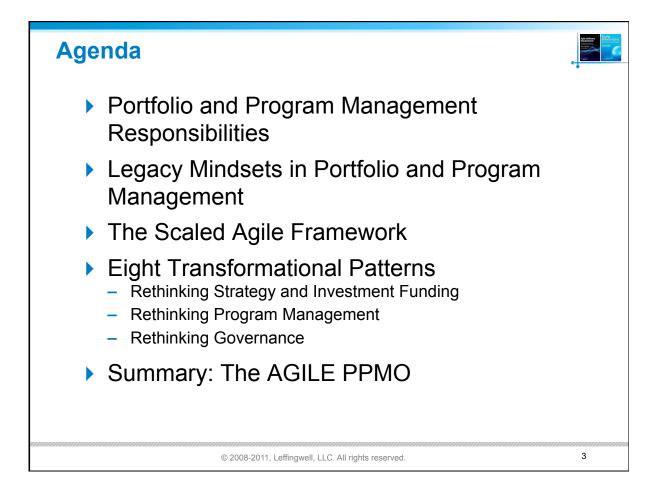
Eight Transformational Patterns

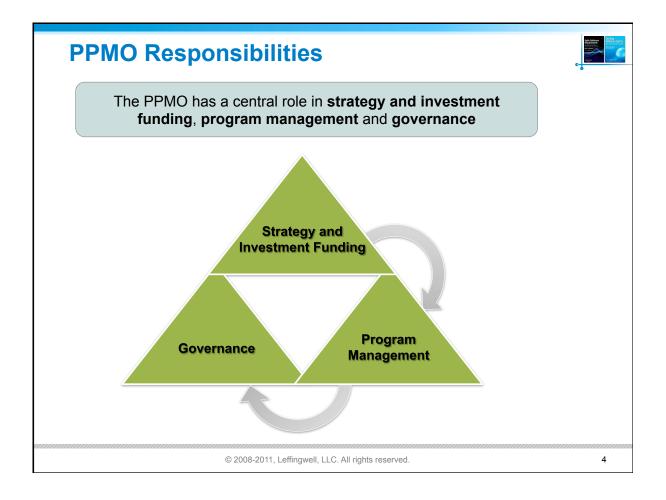
DEAN LEFFINGWELL Leffingwell, LLC.

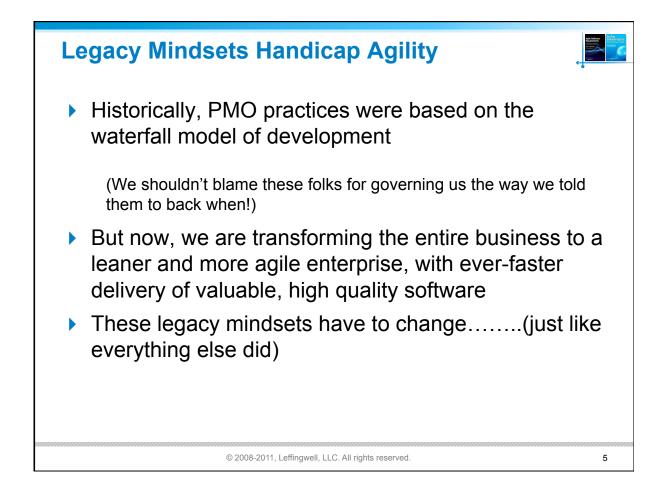
deanleffingwell@gmail.com http://scalingsoftwareagility.wordpress.com











| 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

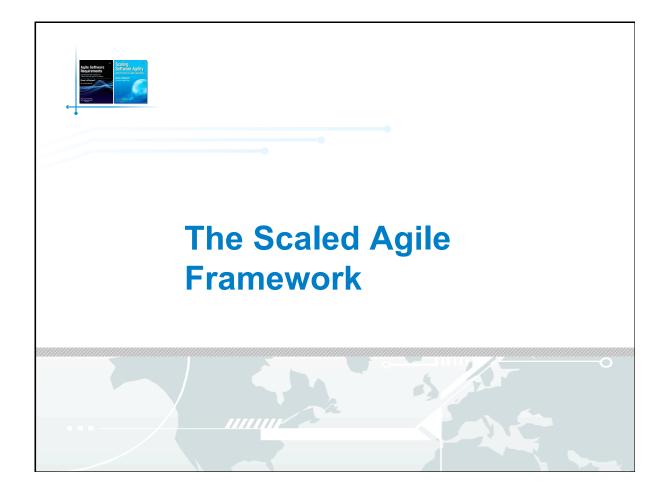


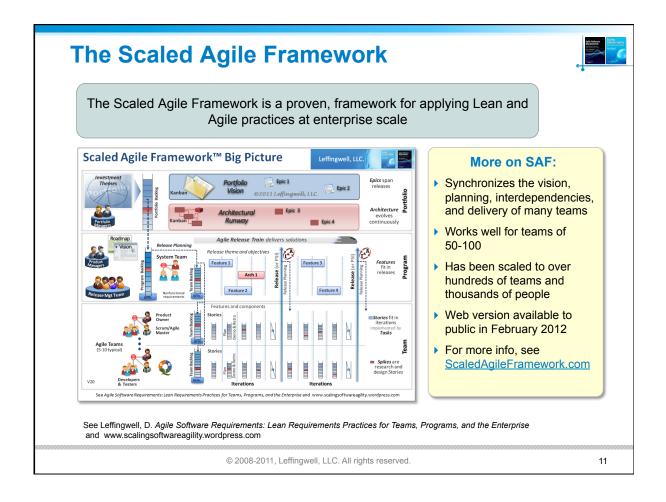
Program Management

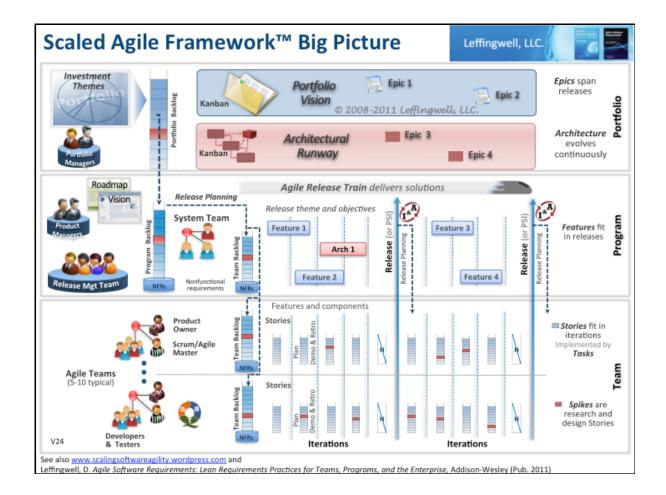
| Mindset | Manifestation | Problems |
|----------------------------|--|---|
| "widget engineering" | Fixed schedule, functionality planning Big Up Front Design/ Analysis (BUFD) Detailed requirements specifications | Long range detailed commitment Resources committed year in advance Analysis paralysis 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 |

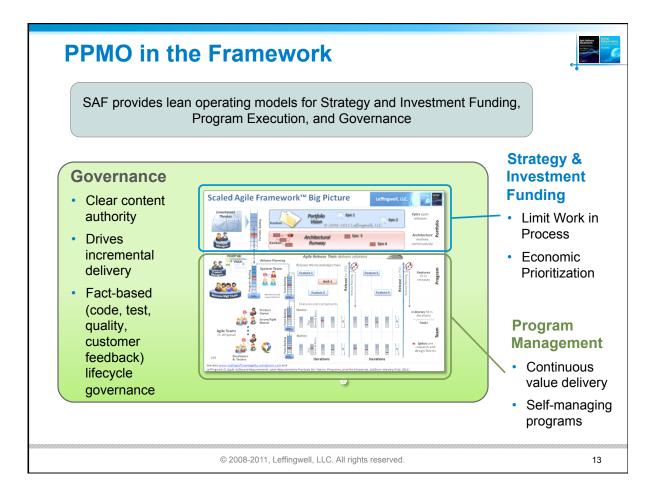
| Legacy Min Governance | and Oversight | c a |
|------------------------------------|--|---|
| Mindset | Manifestation | Problems |
| "Control through data" | Fine grain reporting and overhead Detailed wbs, earned value metrics, loaded Gantt charts | Reporting overhead slows value delivery Metrics don't 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" |
| | © 2008-2011, Leffingwell, LLC. All rights r | eserved. 8 |

| | | 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 | |
| | © 2008-2011, Leffingw | /ell, l | LC. All rights reserved. | 9 |

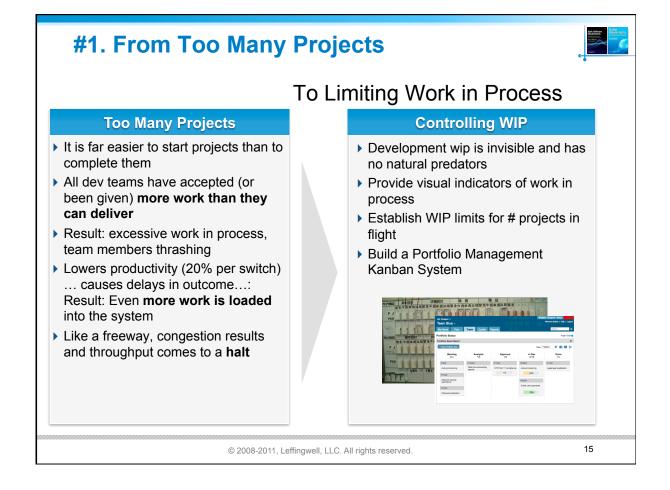


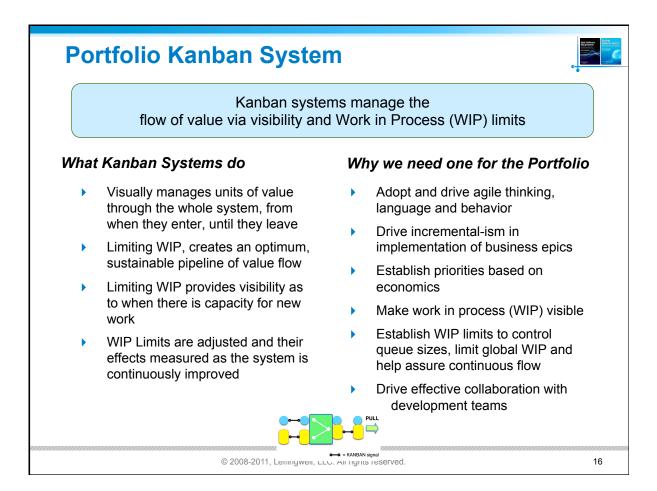


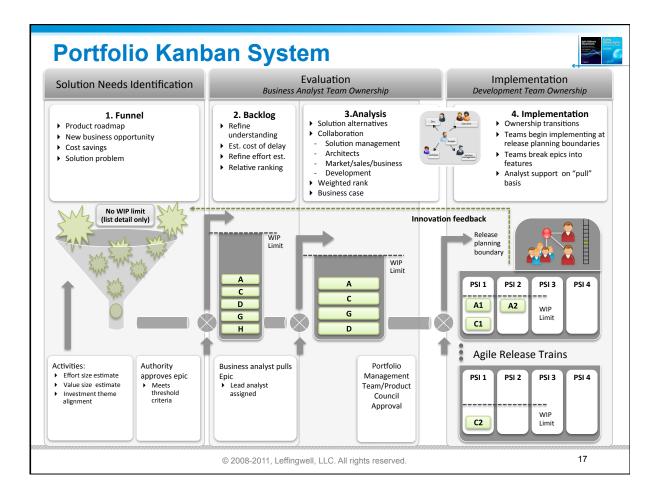




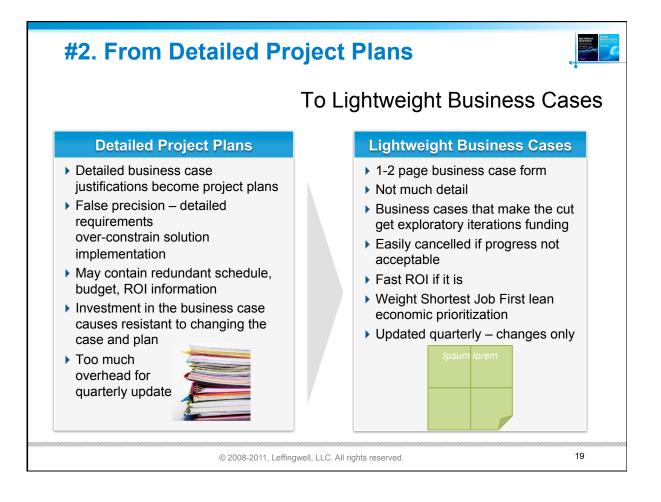




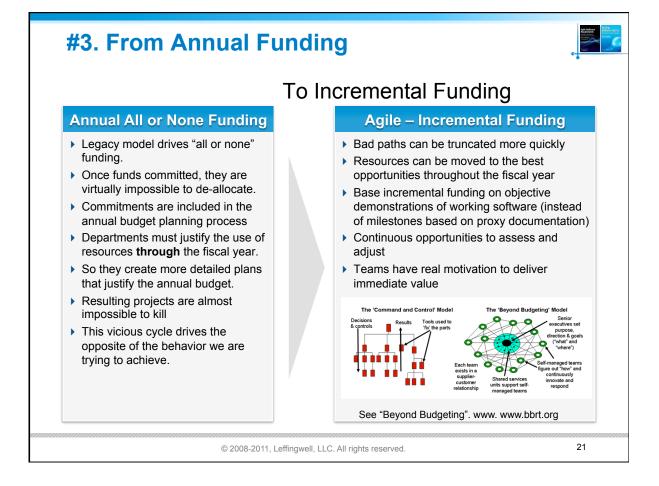


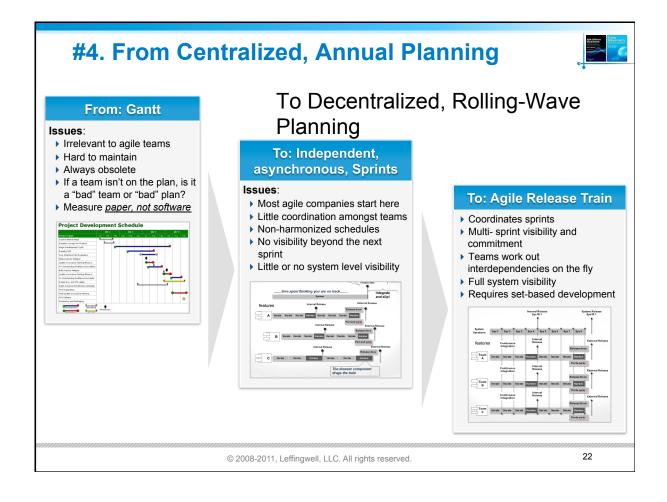


| JK Division 🔍 Team Blue 🖂 | | | | roject Program Setup Welcome Bobby Help Logou |)) ut |
|-------------------------------------|---------------------------|-------------------------|-----------------------|--|----------|
| My Home Plan | Track Quali | ty Reports | | Search | 8 |
| Portfolio Status | | | | Page Tools | |
| Portfolio Items Board | | | | 2 | J |
| + New Portfolio Item | | | Туре | Feature | • |
| 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% | | |

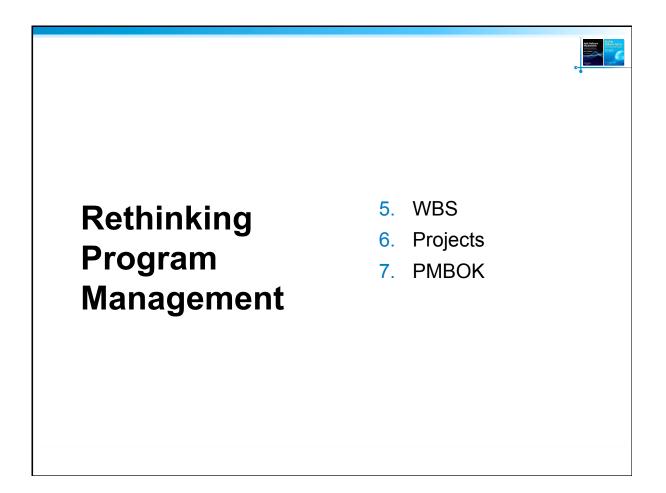


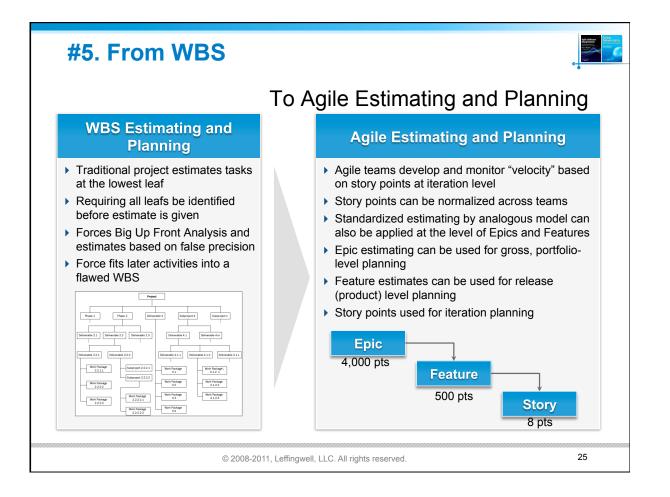
| Epic Name | Go or NO Go Recommendation: | | Date entered Backlog: | Anal | yst Owner: | 1 | |
|--|---|------------|---|-----------------------|-----------------------|--------------------------------|--|
| Version | Ch | | | Еріс | Owner: | - | |
| Description of the Epic | I | | | | | - | |
| Stakeholders 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 | | | | |

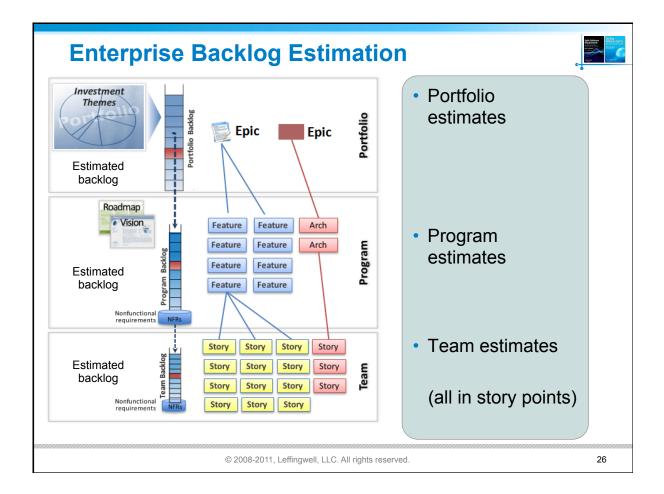


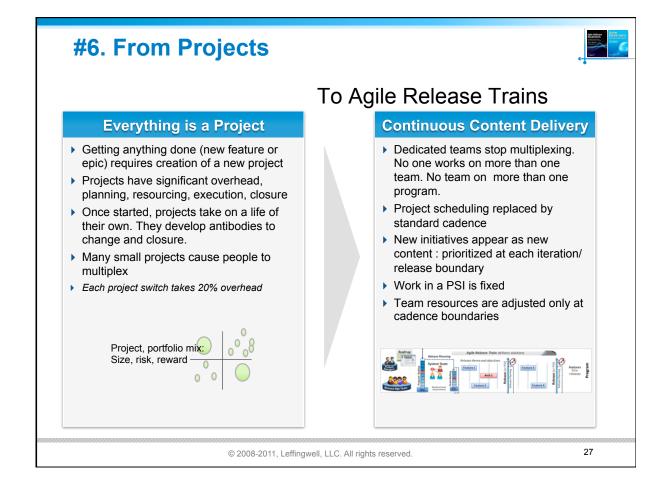


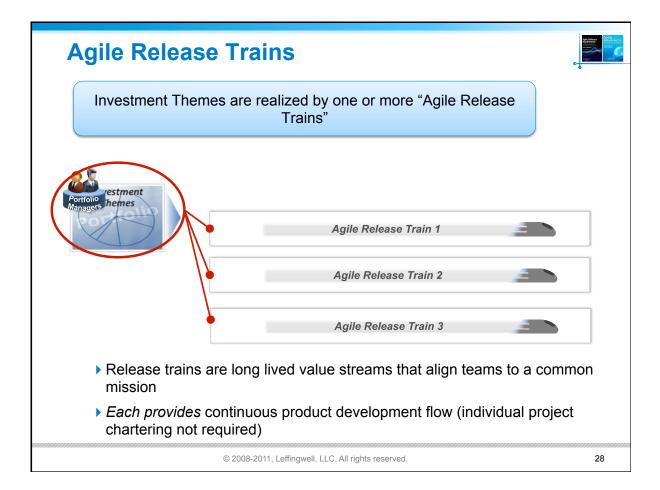


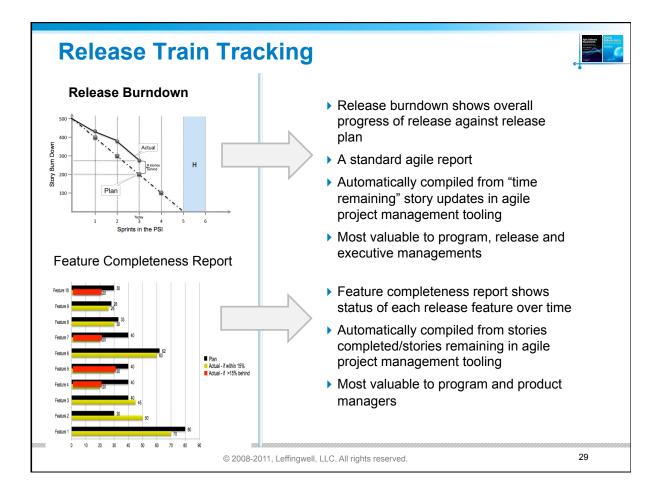


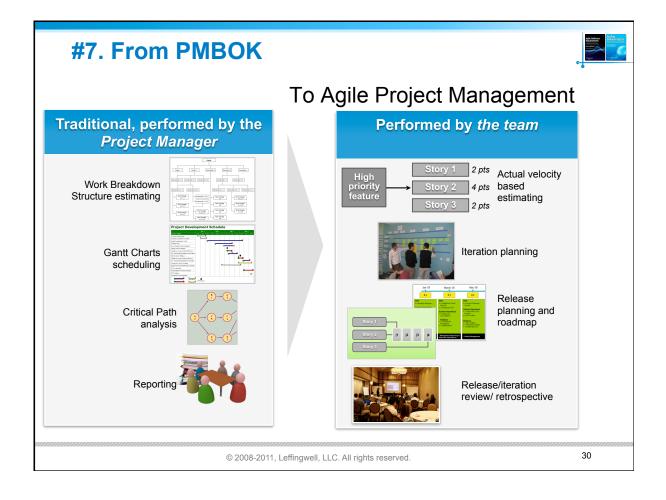


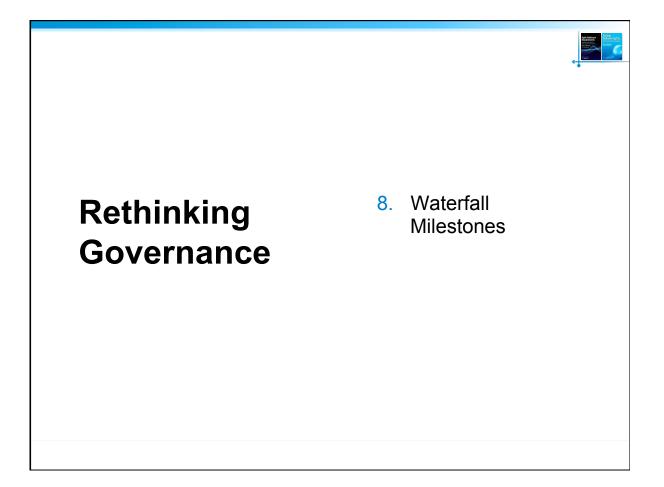






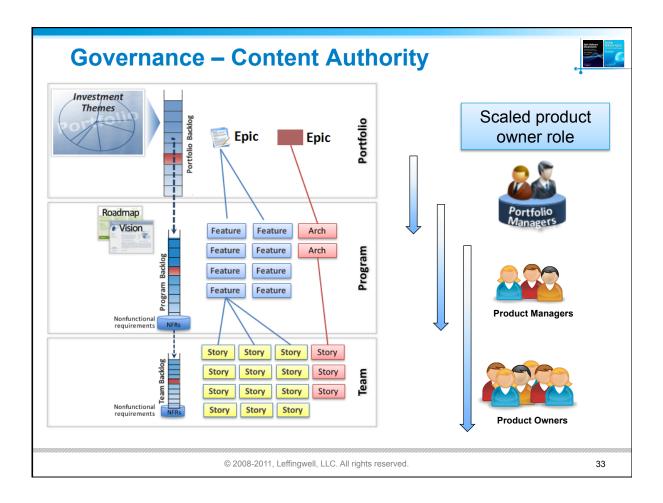


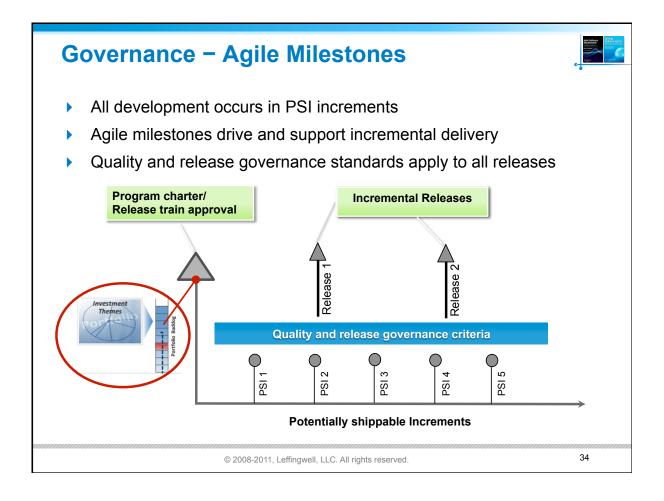






© 2008-2011, Leffingwell, LLC. All rights reserved.







The Agile PPMO

