Improving leverage, scale and visibility by implementing Quality as a Platform

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About Vistaprint

We empower millions of people worldwide to:

Make a living Make a connection Make a difference

- We provide affordable, low-quantity, high-quality customized products for small and micro businesses wanting to make a professional impression with customers
- Offerings include physical and digital products
- We operate as a direct-to-customer marketing channel
- Revenues of over \$1B in FY2012 with a typical YoY growth rate of around 20%.











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Problem Statement to Vision

Needed long-term strategy for how QA, its practices and systems would evolve to support our complexity and growth

Scale: Limited use of approaches for effectiveness and need for systems thinking culturally

Obj: Enable and support multi-year global growth cohesively with people, process, infrastructure and systems

Leverage: Increasing duplication in practices & tools and cost of maintenance Obj: Improve practices and systems to enable effectiveness (find more) and efficiency (do more)

Visibility: Point solutions and practices

Obj: Ability to systemize and empower decision-making across a broader set of people.

Envisioned - Quality as a Platform



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Why a world-class Test Management System?

Problems / Needs

Initiatives

Multiple repositories capturing test

information

Needed a way to determine test coverage by area

'Limited to no reuse' and no structured approach to test design leading to inefficiencies

Deploy Test Management System (HP ALM)

Structure Test Plan the same as the software taxonomy

Use of templates and building blocks to make test architecture modular



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Why implement an Automation Platform?

Problems / Needs

Large set of scripts with no test objectives

Initiatives

Deploy HP ALM **integrated** with automation

Multiple automation frameworks

Needed a framework that members outside of the automation team could use and extend

Implement **Unified Automation Platform** (UAP)

Our automation platform is home grown as it best fit our organization needs

Functionality Extensibility Scalability Usability Efficiency



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Why extend to a 'Quality Platform'?

Problems / Needs

Operational model would not support projected business scale without **significant expense** and risk

Provide **comprehensive reporting** to help in making timely decisions

Highlight system instability and drive component and architecture changes

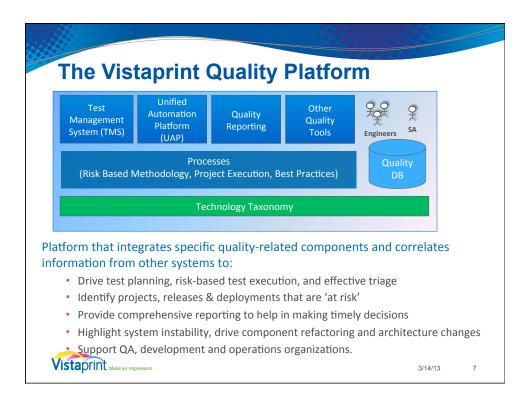
Initiative

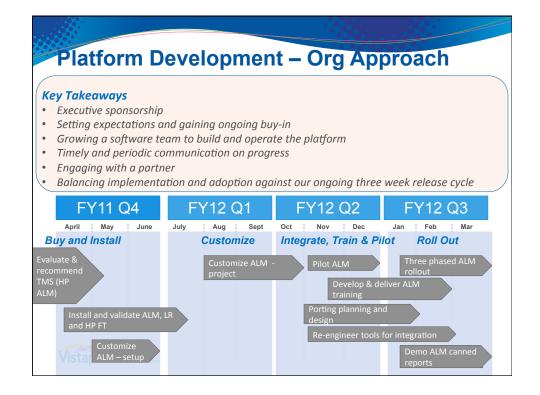
Implement the **Quality Platform** with HP ALM and UAP as cornerstones, integrated with a quality DB and reporting system.



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Some numbers for later use...

- 6000+
- 4-times
- 50%
- 30%
- Around 70%
- · Doubled in 18 months



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Test Management - Now...

Outcome and Benefits

- One repository: Deployed HP ALM
 - Over 6000 tests and configurations under management
- **Test coverage:** Test plan structure mirrors our technology taxonomy
- Test efficiency: Modular test architecture is leading to significantly lesser number of tests being written.

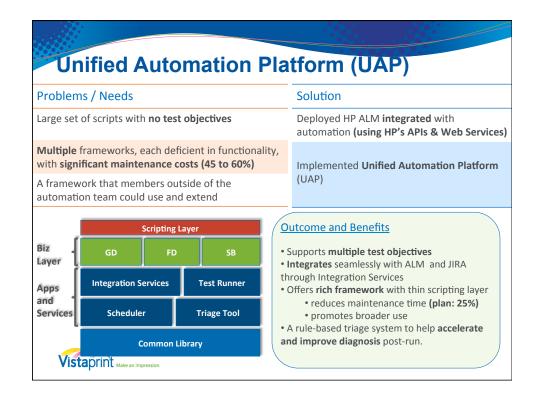


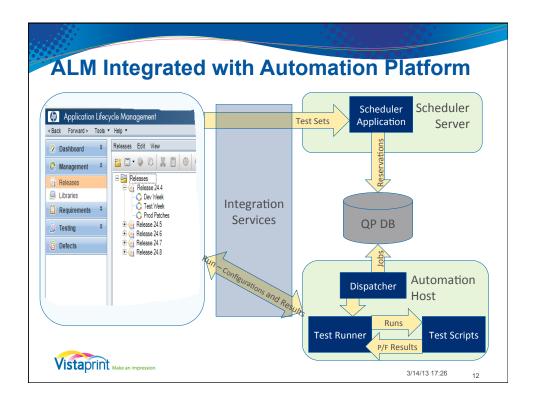
Why HP ALM?

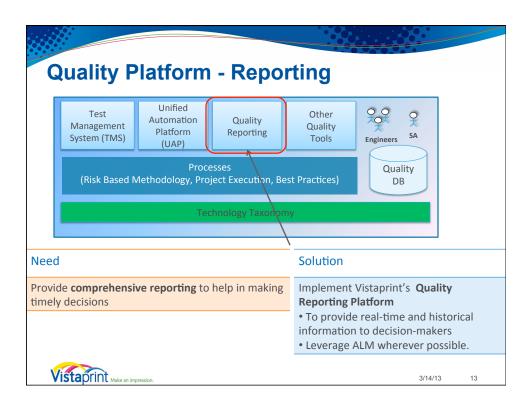
- Rich set of features
- Ability to integrate with other systems
- Long-term support for future growth
- Reach into development and operations
- Support for effective test design
- Robust support for metrics and reporting
- Global reach of support.

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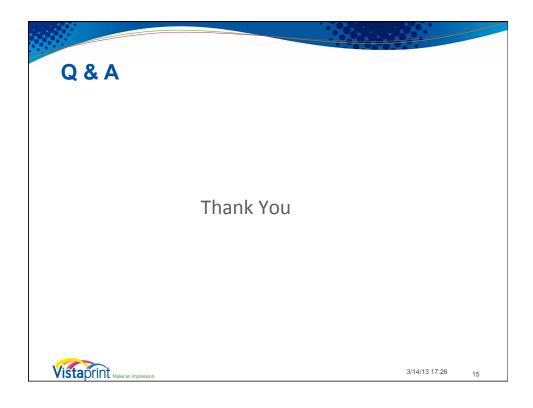
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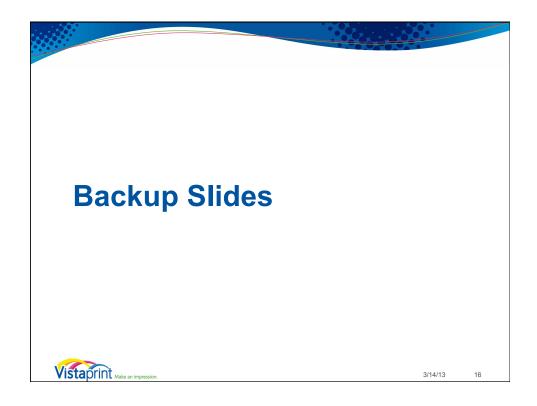


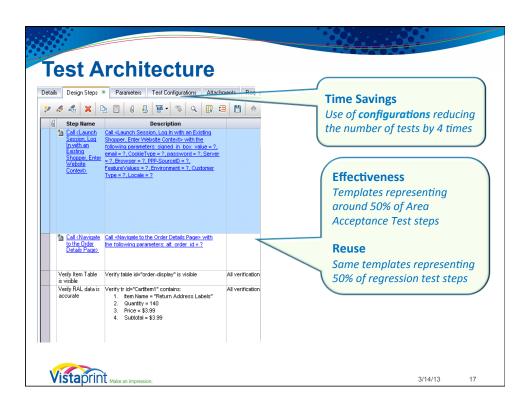


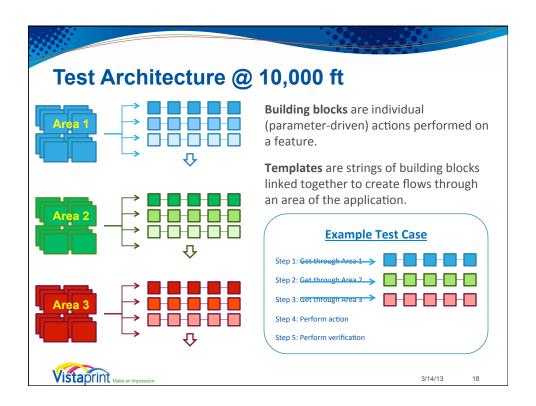


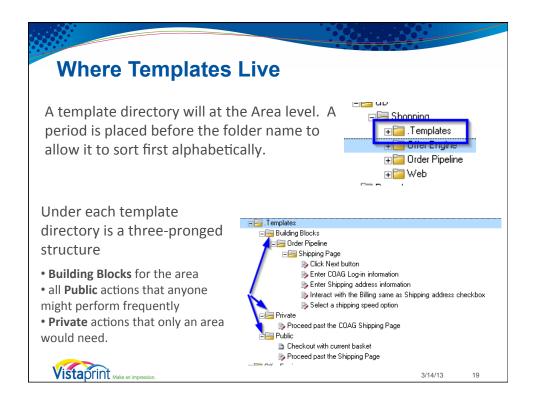


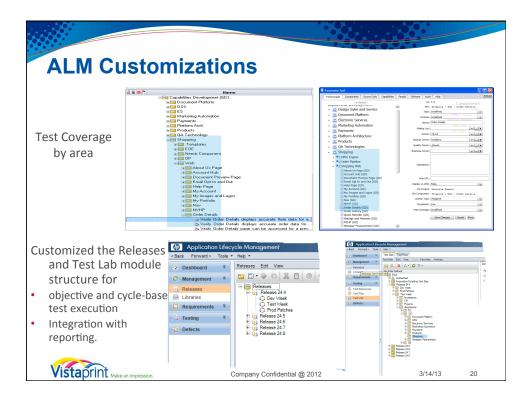


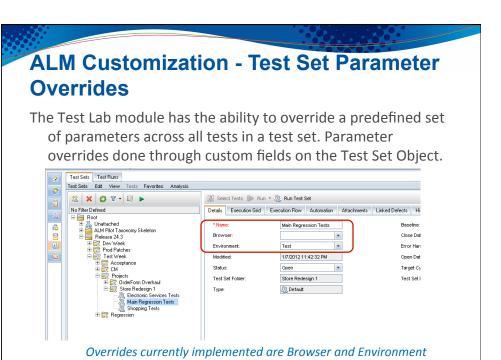












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