Teamcenter Program Execution Management

- with Teamcenter Enterprise

PLM World 2006

Kevin Faulds – UGS Teamcenter Product Management

Brian Flynn – UGS Solutions Consulting

© UGS Corp. 2006. All rights reserved.

Agenda

- What is Program Execution Management?
- Strategy & Positioning
- Application & Demonstration
- Summary / Q&A

© UGS Corp. 2006. All rights reserved.

Integrating Project & Program Management into the Product Lifecycle

Business problem

- Project and Program Management (planning, statusing & reporting) are traditionally disconnected activities from actual execution
- Causes built-in overhead, lost productivity, out-of-sync data, and misguided decisions

Solution – Program Execution Management (PEM) with Teamcenter

- Connects project schedules & resources to workflow processes & deliverables – making it a connected activity that engages everyone across the virtual enterprise

Results – Drive Execution

- Transforming the lifecycle
  - From “Planning and Statusing” To “Planning and Executing”
  - “With 24x7x365 visibility”
  - Enabling “Informed Decisions”

© UGS Corp. 2006. All rights reserved.

Terminology

Integrated Project Management

Phase-Gate Automation

Project Execution

Process Automation

Workflow Orchestration

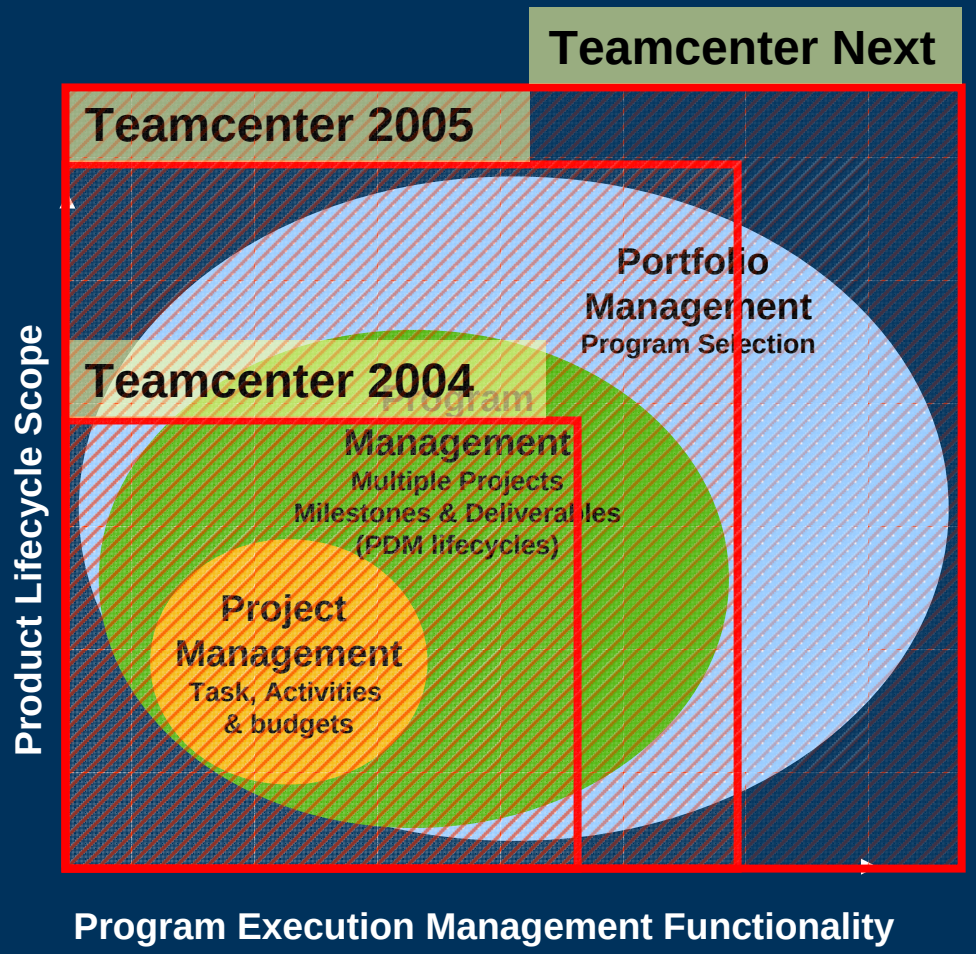
Teamcenter Project Integration

Program Execution Management (PEM)

What is Program Execution Management (PEM)?

Decision support throughout the product lifecycle …

- Leverage program knowledge and intellectual assets
  - Partners, allies, and suppliers
- In the context of defined business processes
  - Phase-Gate
  - Schedule-driven workflow
  - Metrics
  - Thresholds and triggers
- To meet business objectives (revenue/growth, investment, cost, quality, timing)



Enabling a project schedule to drive process automation

© UGS Corp. 2006. All rights reserved.

Why is Program Execution Management Important?
- Key fundamentals critical to success

TEAMCENTER

Program Execution Management

- Process Automation
  - Connect project schedules & resources to workflow processes – making it a connected activity that engages everyone across the virtual enterprise
  - Phase-Gate automation with deliverables status
- From “Planning and Status” To “Planning and Executing”
- With real-time visibility
- Performance Management
  - Cost, Resource and Work Management

“Choose the right projects to do and do them right”

Dr. Robert Cooper

© UGS Corp. 2006. All rights reserved.

Teamcenter Program Execution Provides:

Work Management

- Resource Management
- Project Management

Workflows (Industry processes / “Best Practices”)

- Project Phases and Evaluation Gates
- Defined & Assigned Tasks
- Defined Deliverables
- Quantifiable Success Criteria

Executive Dashboards

© UGS Corp. 2006. All rights reserved.

Program Execution Feature Detail

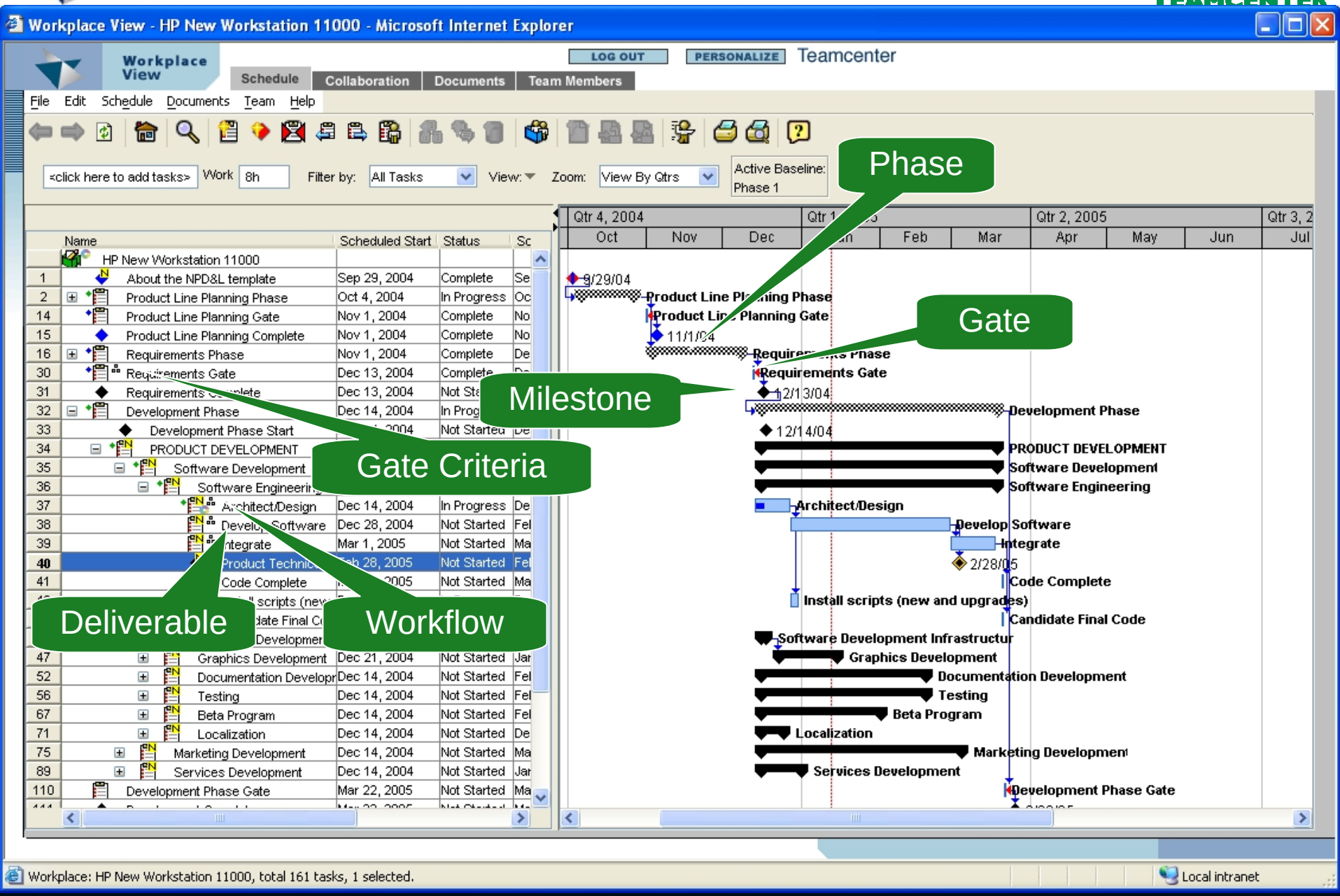
- Integration with Teamcenter Enterprise

- Program Execution Management (Phase-Gate Automation)
  - Implement initiative management with synchronized project and resource management capabilities across Teamcenter
  - Leverages Lifecycle Tasks
  - OOTB Dashboard support pulling phase-gate content from all sources - phase status, criteria metrics, project metrics, resource status, etc.

Customer value: methodology support enables real-time viewing of investment status, enabling faster reaction times

© UGS Corp. 2006. All rights reserved.

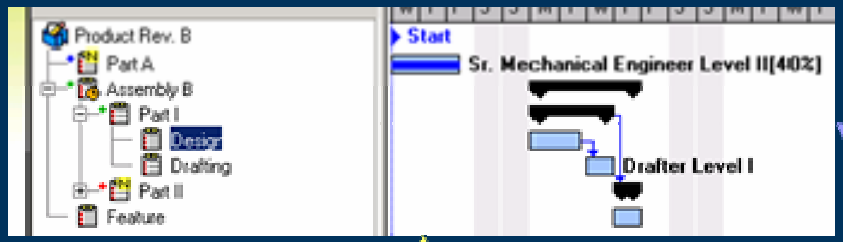
Teamcenter Phase-Gate Automation



Program Execution Feature Detail

- Program Execution with Teamcenter Enterprise
  - Task-workflow integration
  - Automated updates to project schedules triggered by Engineering workflows via Web Services
  - Real-Time Project Portfolio Status

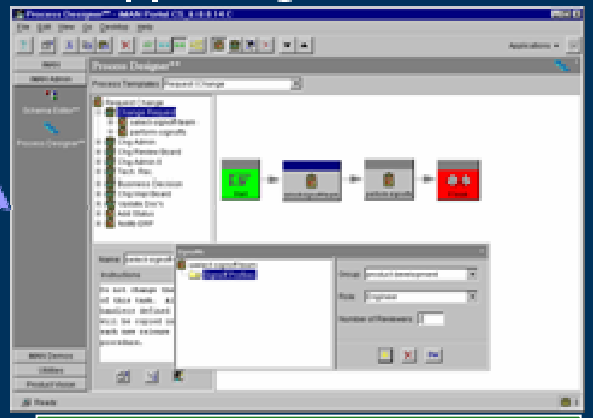
Master Resource Driven Product Schedule



Teamcenter Project

Drives

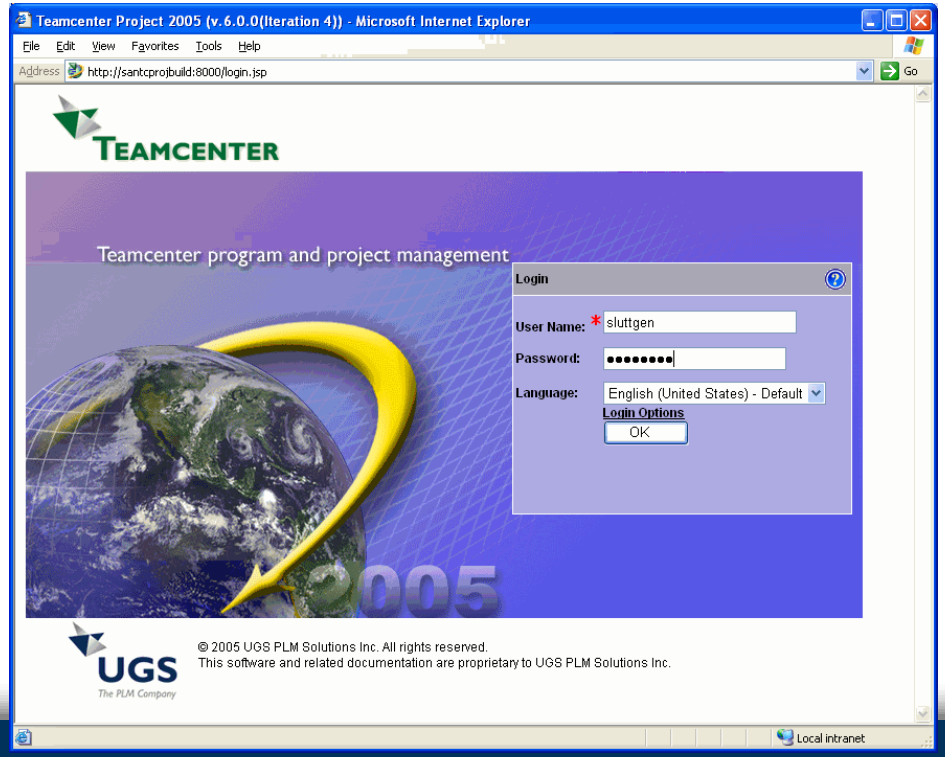
Supporting Workflows



Teamcenter Enterprise

Workflow or User-driven events update corresponding Project tasks

© UGS Corp. 2006. All rights reserved.



UGS

Transforming the process of innovation

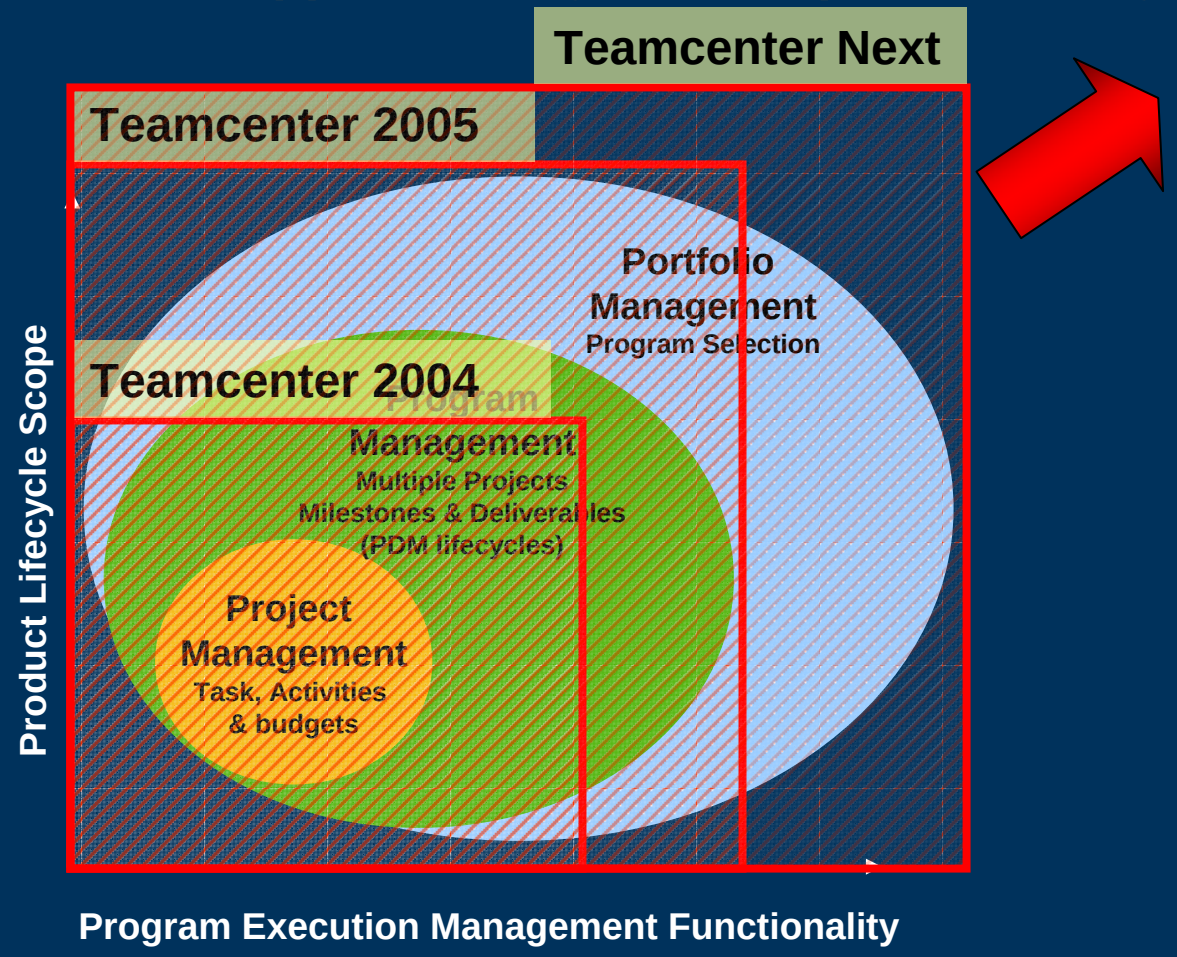
Program Execution Management with Teamcenter

Using Process Orchestration and Performance Management to Optimize Key Product Development Processes and Program Execution

© UGS Corp. 2006. All rights reserved.

What's next?

Decision support throughout the product lifecycle …



Enabling a project schedule to drive process automation

© UGS Corp. 2006. All rights reserved.

Program Management Contact

Kevin Faulds

Kevin.Faulds@ugs.com

© UGS Corp. 2006. All rights reserved.

UGS

Transforming the process of innovation

Thank you!

© UGS Corp. 2006. All rights reserved.