



Project Controls E X P O

**Integrated Project
Planning/Scheduling
Within an Enterprise
Environment**



About the Speaker

GERO RENKER
Director



**Program
Framework**



Project Controls
EXPO

Copyright @ 2011. All rights reserved

About the Speaker



This Session

Why we need an enterprise system to control enterprise projects

Introducing the Microsoft solution

Functional overview

Key principles for implementation

Enterprise Project Challenges

Communication & collaboration

Project Visibility

Processes & standards

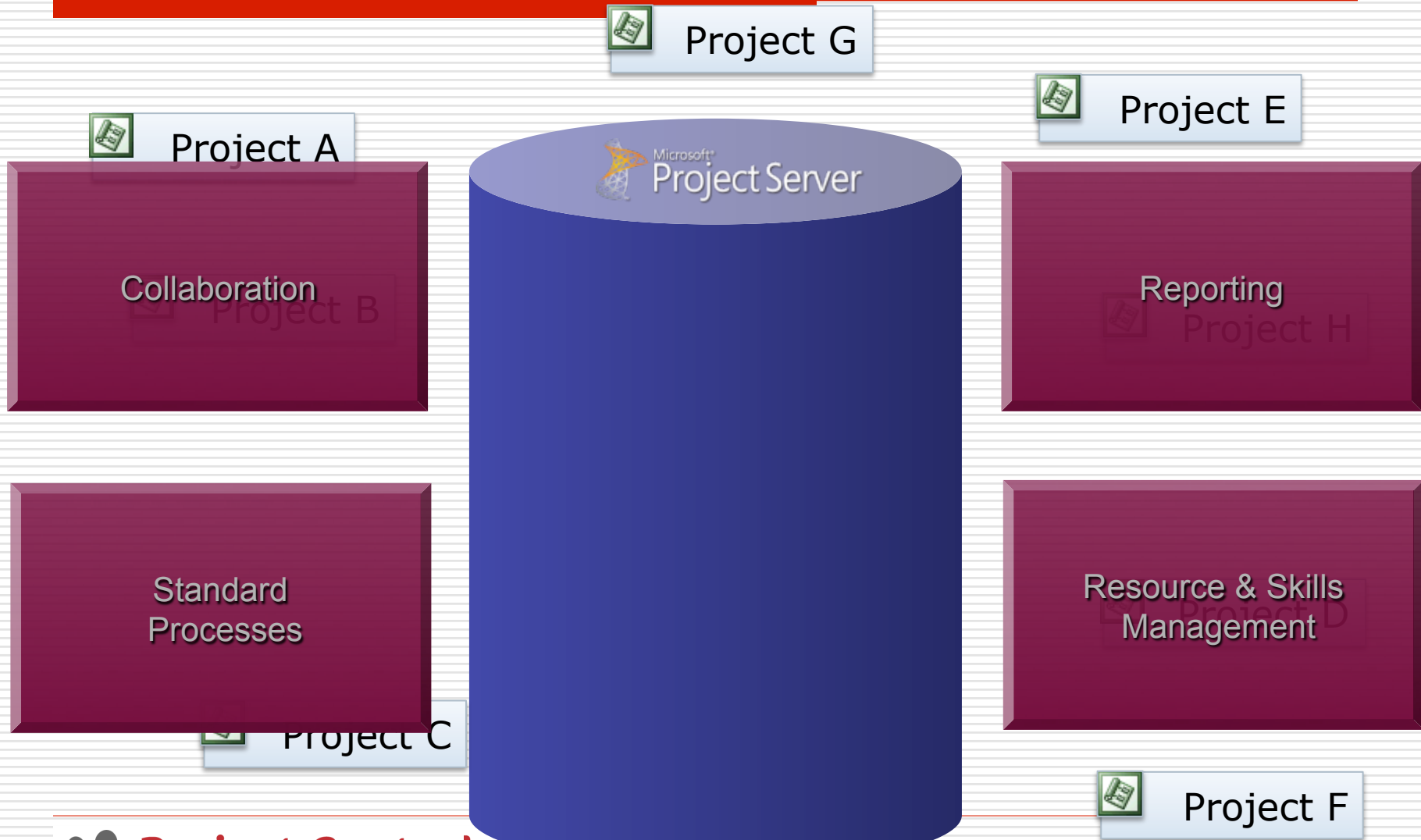
Learning from experience

Increasing maturity

Making good decisions



...to Enterprise Repository of Projects & Collateral



Microsoft Project Server

Create

Select

Plan

Manage

Portfolio Management

Demand Management

Business Case Definition

Portfolio Prioritization

Portfolio Reporting

Portfolio Optimization

Capacity Planning

Project Reporting

Resource Management

Project Scheduling

Time Reporting

Issues and Risk Management

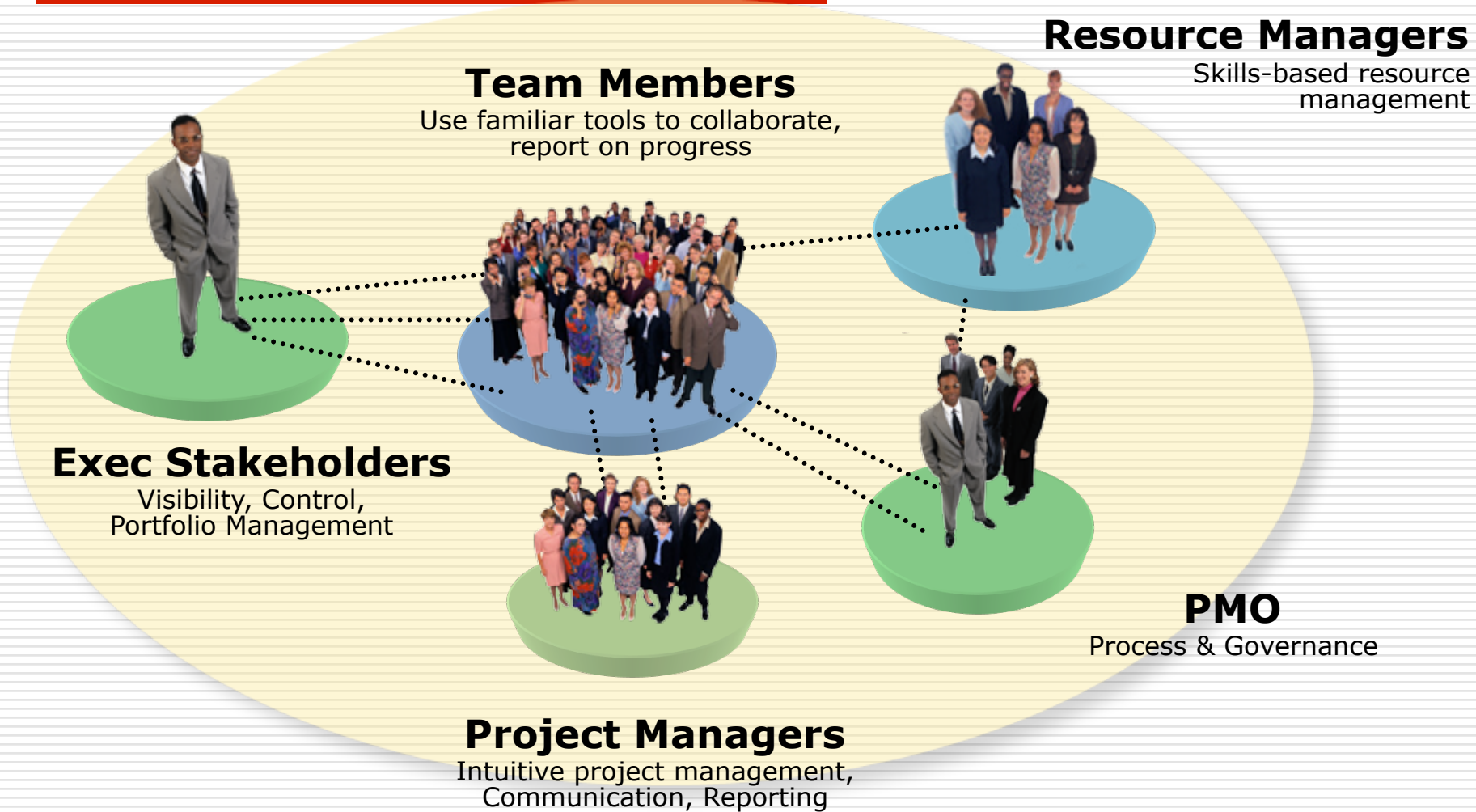
Dependency Management

Team Collaboration

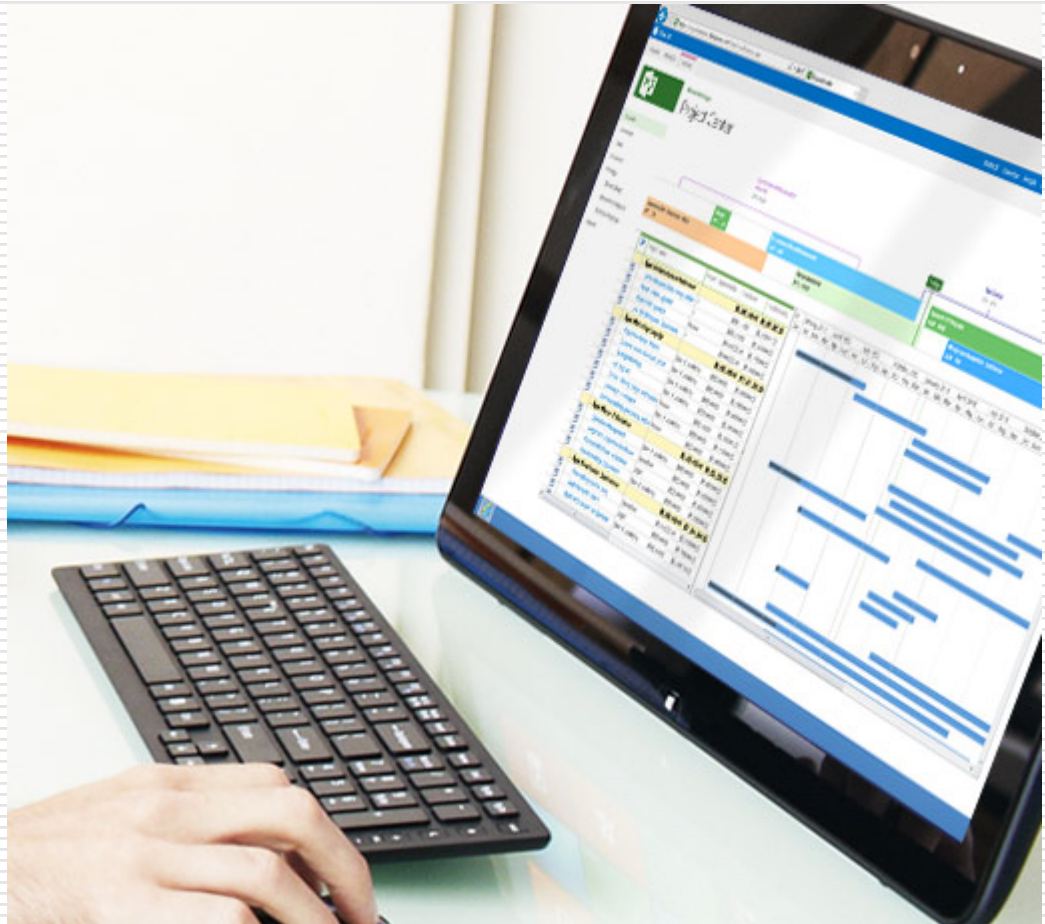
Project Management



Benefits for Everyone



Let's look at some features...



Project Center

Project Name	Project Departn	Owner	Project	Total Cost	Total Benefits	ROI	2012			2013			2014
							Jul	Jan	Jul	Jan	Jul	Jan	Jan
Type: Infrastructure & Deployment				\$2,661,338.00	\$4,921,997.00	3.05							
Lync 2012 Enterprise Deployment	IT	Pavel Bansky		\$1,000,000.00	\$1,350,000.00	0.35							
Payroll System Upgrade	IT	Lukas Krovak	●	\$997,220.00	\$1,351,000.00	0.35							
General Ledger (GL) currency update	IT	Denis Dehenne	●	\$664,118.00	\$2,220,997.00	2.34							
Type: Marketing Campaign				\$4,605,348.00	\$13,291,005.00	11.55							
Acquisition Target Analysis	Sales & Marketir	Alex Darrow		\$860,000.00	\$1,800,000.00	1.09							
Catalog Publishing	Sales & Marketir	Denis Dehenne		\$435,000.00	\$1,430,000.00	2.29							
Customer service feedback portal	Sales & Marketir	Bonnie Kearney		\$910,000.00	\$3,290,000.00	2.62							
E-campaign to bloggers	Sales & Marketir	Robin Counts		\$856,000.00	\$1,215,000.00	0.42							
Hub Upgrade	Sales & Marketir	Molly Dempsey		\$705,000.00	\$2,291,000.00	2.25							
Content Filtering Design and Implementa	Finance	Pavel Bansky	●	\$839,348.00	\$3,265,005.00	2.89							
Type: Merger & Aquisition				\$2,500,000.00	\$6,022,000.00	5.9							
Automated Software Installation	Legal	Molly Dempsey		\$800,000.00	\$1,461,000.00	0.83							
Merger and Acquisition Deal Room	Operations	Denis Dehenne		\$630,000.00	\$1,920,000.00	2.05							
Operations Management	Sales & Marketir	Bonnie Kearney		\$485,000.00	\$1,441,000.00	1.97							
Remote Desktop Deployment	Sales & Marketir	Pavel Bansky	●	\$585,000.00	\$1,200,000.00	1.05							
Type: New Product Development				\$7,273,012.00	\$17,829,246.02	14.01							
Construction safety equiptment	Operations	Pavel Bansky		\$675,000.00	\$1,600,000.00	1.37							
Helmet with integrated sunvisor	Finance	Garth Fort		\$800,000.00	\$1,330,000.00	0.66							
Knee and Elbow Pads	Operations	Robin Counts		\$1,100,000.00	\$2,500,000.00	1.27							
Removable protective lining	Operations	Alex Darrow		\$1,284,000.00	\$2,910,000.00	1.27							
Shared GPS devices for transportation	Operations	Robin Counts		\$1,125,000.00	\$2,130,000.00	0.89							
Voice Recognition Product	Operations	Pavel Bansky		\$450,000.00	\$1,050,000.00	1.33							
Warehouse Pick-n-Pack solution	HR	Denis Dehenne		\$480,000.00	\$1,450,000.00	2.02							
Biothermal ear heating system for helme	Finance	Garth Fort	●	\$613,553.00	\$2,320,496.02	2.78							
Squash and Racquet Ball Eye Wear	Sales & Marketir	Bonnie Kearney		\$745,459.00	\$2,538,750.00	2.41							
Type: Software Development				\$14,682,166.00	\$40,261,243.02	34.55							

Project Forms

Status: Checked-out to you since 11/03/2013 06:09 **Last Modified:** 05/03/2013 03:42

Project Details: Payroll System Upgrade

Basic Info

Name *

Description

Start Date *

Finish Date

Owner

Justification

Total Benefits

Total Cost

Risk Rating

ROI

Project Departments

Project Strategic Impact

Rate the impact of this project on the business drivers below.

Expanding into New Markets and Segments
Expand revenue growth aggressively by penetrating new markets and expanding reach to segments of penetrated markets

- No Rating
- None: Does not grow revenue from any markets and segments
- Low: Grows revenue from new markets and segments
- Moderate: Grows revenue from new markets and segments
- Strong: Grows revenue from new markets and segments
- Extreme: Grows revenue from new markets and segments

Improve Customer Satisfaction Score
Measurably improve scores on customer satisfaction surveys through implementing standardized customer service processes, grow the number of customer service relationships, and improve the nature of each relationship

- No Rating
- None: Does not change customer satisfaction index
- Low: Increases customer satisfaction by up to 2%
- Moderate: Increases customer satisfaction by 2% to 3%
- Strong: Increases customer satisfaction by 3% to 5%
- Extreme: Increases customer satisfaction by 5% or more

Improve Employee Satisfaction
Implement approved morale-boosting techniques in order to measurably improve employee satisfaction on standardized employee satisfaction surveys

- No Rating
- None: Does not change retention rate
- Low: Increases retention rate by up to 2 points
- Moderate: Increases retention rate by 2 to 3 points
- Strong: Increases retention rate by 3 to 5 points
- Extreme: Increases retention rate by more than 5 points

Improve Product Quality
Implement process improvements and best practices in order to improve product quality, as measured by defects per million and SLA levels

- No Rating
- None: Reduces defects by less than 5%, or attains a score of 90% and 95%
- Low: Reduces defects by up to 10%, or attains a score of 90% and 95%
- Moderate: Reduces defects by up to 15%, or attains a score between 95% and 97%
- Strong: Reduces defects by up to 20%, or attains a score of 97% and 98%
- Extreme: Reduces defects by more than 20%, or attains a score of 99% or more

Increase Market Share in Existing Markets
Improve market share percentage or market position in already penetrated markets

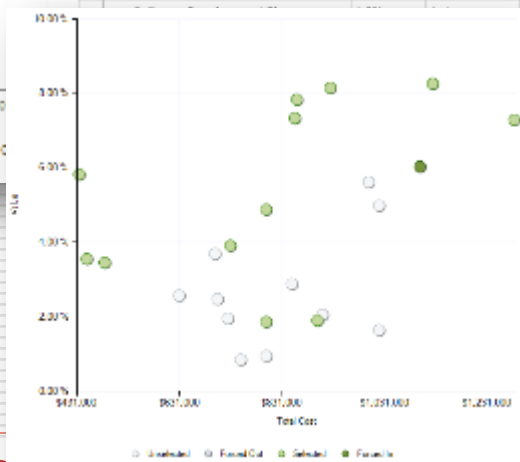
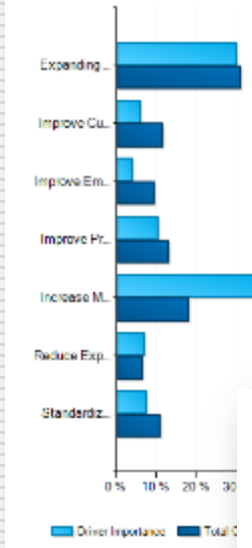
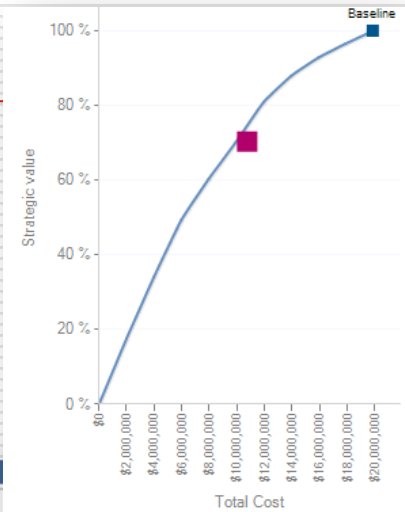
- No Rating
- None: Improves share in penetrated markets by less than 1%
- Low: Improves share in penetrated markets by 1% to 2%
- Moderate: Improves share in penetrated markets by 2% to 3%
- Strong: Improves share in penetrated markets by 3% to 5%
- Extreme: Improves share in penetrated markets by 5% or more



Portfolio Analysis

Metrics	
Cost Limits	Modify
Total Cost	\$10,000,000.00
Totals	Modify
Projects Selected	13
Strategic Value	70.00%
Efficient Frontier Strategic Alignment	

Project Name	Priority	Force in/out	Total Cost	Moved in:	Enterprise Proj	Work
Selected Projects 74.82% \$10,670,000						
Shared GPS devices for transportation	8.26%	Auto	\$1,125,000.00	Unchanged	New Product Dev 4, Sel	
Print Advertising Campaign System	8.15%	Auto	\$925,000.00	Unchanged	Software Develop 4, Sel	
Acquisition Target Analysis	7.89%	Auto	\$980,000.00	Unchanged	Marketing Camp 4, Sel	
E-campaign to bloggers	7.34%	Auto	\$856,000.00	Unchanged	Marketing Camp 4, Sel	
Removable protective lining	7.29%	Auto	\$1,284,000.00	Unchanged	New Product Dev 4, Sel	
Catalog Publishing	5.82%	Auto	\$418,000.00	Unchanged	Marketing Camp 1, Init	
Lync 2012 Enterprise Deployment	5.62%	Auto	\$1,000,000.00	Unchanged	Infrastructure & 4, Sel	
Audit Tracking Solution	4.99%	Auto	\$1,020,000.00	Unchanged	Software Develop 4, Sel	
Helmet with integrated survivor	4.88%	Auto	\$800,000.00	Unchanged	New Product Dev 4, Sel	
Data Exchange and Integration	3.81%	Auto	\$730,000.00	Unchanged	Software Develop 4, Sel	
Internal Software Database Audit	3.69%	Auto	\$700,000.00	Unchanged		
Voice Recognition Product	3.55%	Auto	\$450,000.00	Unchanged		
Operations Management	3.46%	Auto	\$485,000.00	Unchanged		
Unselected Projects 25.18% \$9,100,000						
Knee and Elbow Pads	6.08%	Auto	\$1,100,000.00	Moved-out		
Data Parsing Tool	2.88%	Auto	\$850,000.00	Moved-out		
Merger and Acquisition Deal Room	2.57%	Auto	\$630,000.00	Moved-out		
Hub Upgrade	2.48%	Auto	\$705,000.00	Moved-out		
Customer service feedback portal	2.05%	Auto	\$910,000.00	Moved-out		
Software Security Audit	1.96%	Auto	\$725,000.00	Moved-out		



Resource Availability					
Name *	January	February	March 2	April 201	May 201
Marketing	6	6	6	6	6
Personal Relation	3	3	3	3	3
PMO	3.73	3.71	3.59	3.86	3.89
Procurement	1	0	1	1	1
Product Engineer	4.09	4.88	5	5	5

Project Requirements												
Name	January	February	March 2	April 201	May 201	June 201	July 201	August 1	Septem	October	Novem	Decem
Selected	1.36	4.06	0.45	6.48	12.87	13.43	11.13	8.25	11.17	7.57	12.16	7.72
Not selected	2.11	11.45	15.42	14.57	11.02	11.49	11.79	10.71	10.64	11.76	8.76	7.41
Knee and Elbow Pads	0.22	1.7	1.48	1.45	1.04	2.43	2.59	1.68	2	2	2	2
Accounting	0	0	0	0	0.62	0	0	0	0	0	0	0
Legal	0	0	0	0.59	0.3	0	0	0	0	0	0	0
Manufacturing Engineer	0	0	0.71	0	0	0	0	0	0	0	0	0.1
Marketing	0	0.75	0	0	0	0.16	1.12	0.11	1	1	1	0.9
Product Engineer	0.22	0.95	0.71	0.45	0.02	1.07	1.47	1.36	1	1	1	1
Safety	0	0	0.05	0.41	0	0	0	0	0	0	0	0
Lync 2012 Enterprise Deployment	1.57	3	3.05	2.05	0	0	0	0.07	0	0	0	0
Analys	1.57	2.75	1.16	2.06	0	0	0	0.07	0	0	0	0
Procurement	0	0.25	1.19	0	0	0	0	0	0	0	0	0
Helmet with integrated survivor	0	1.5	1.48	1.5	1.48	1.05	1.98	3.12	1.81	2	2	2
Accounting	0	0	0	0	0	0.35	0	0	0	0	0	0
Legal	0	0	0	0	0.61	0.4	0	0	0	0	0	0
Manufacturing Engineer	0	0	0	0.91	0	0	0	0	0	0	0	0
Marketing	0	0.55	0.38	0	0	0	0.31	1.36	0.62	1	1	1
Product Engineer	0	0.95	1.1	0.5	0.48	0.1	1.67	1.76	1.19	1	1	1
Safety	0	0	0	0.09	0.39	0	0	0	0	0	0	0
Data Exchange and Integration	0	0	0	0	0.32	1	1.39	1	0.86	0.52	0	0
Analys	0	0	0	0	0.32	0.6	0	0	0	0	0	0
Developer	0	0	0	0	0	0.1	1	0.55	0	0.52	0	0
Traine	0	0	0	0	0	0.2	0.39	0.41	0.86	0	0	0

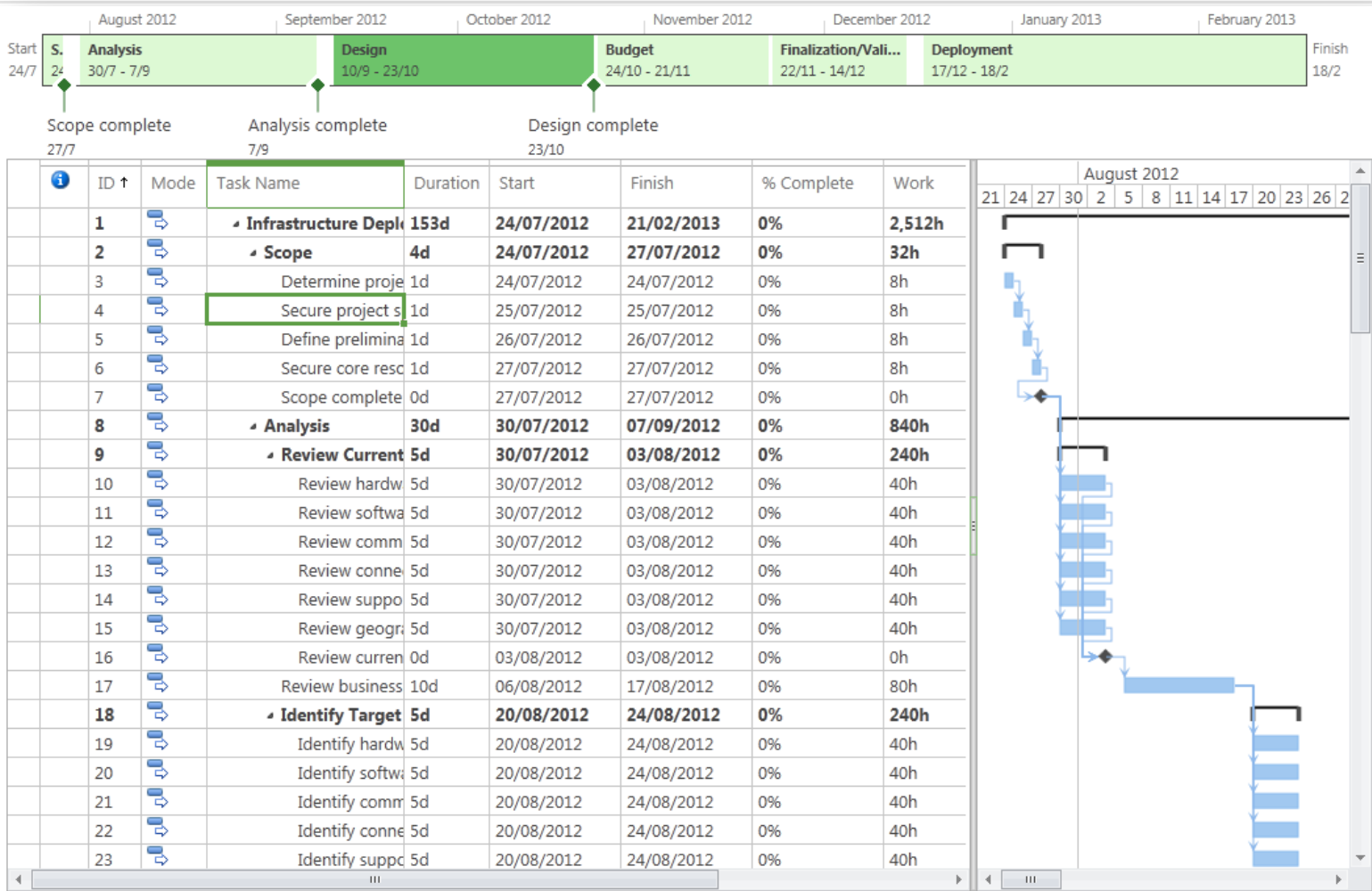
Workflow

The screenshot displays the Microsoft SharePoint Designer 2010 Workflow Designer interface. The main window shows a workflow configuration for a project. The workflow is divided into several stages:

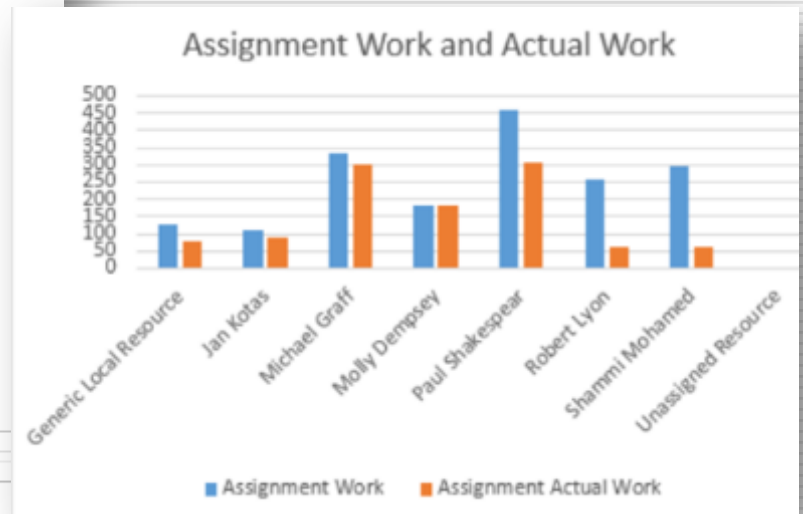
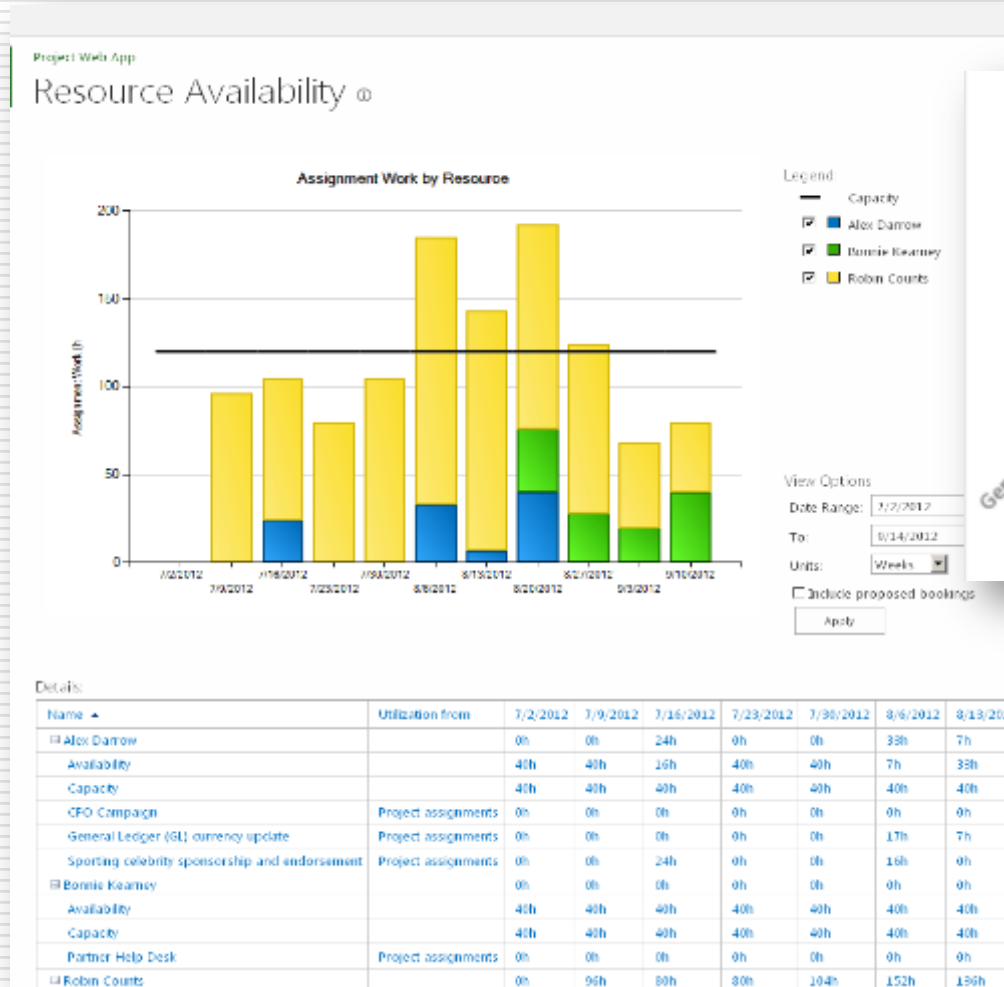
- Stage: Initial Proposal Details**: Set Variable: Total Cost to Project Data/Total Cost. Transition to stage: If Variable: Total Cost is greater than 1000000, Go to Automated Rejection; Else, Go to Project Details.
- Stage: Automated Rejection**: Start logging in with the next group on the Ribbon. Transition to stage: Go to End of workflow.
- Stage: Project Details**: Wait for Event: When a project is submitted. Transition to stage: Go to Lead Approval.
- Stage: Lead Approval**: Wait for Event: When a project is submitted. Transition to stage: Go to Execution.
- Stage: Execution**: Wait for Event: When a project is checked in. Transition to stage: Go to Post Mortem.
- Stage: Post Mortem**: (No actions or transitions are visible for this stage).

The interface includes a 'Shapes' pane on the left with various workflow actions like 'Add or update item', 'Call HTTP web service', 'Create list item', etc. The main canvas shows a visual representation of the workflow flow, starting with a play button, followed by a 'Set variable' action, a decision diamond, and then the 'Automated Rejection' and 'Project Details' stages.

Scheduling



Resource Management



Publish Assignments to Team

The screenshot displays a user interface for 'My Tasks'. At the top, there are navigation tabs: BROWSE, PAGE, TASKS, and TIMELINE. A search bar on the right contains the text 'Search everything'. Below the tabs, the user's profile picture and name 'Sara Davis' are visible. The main area is titled 'My Tasks' and features a filter for 'Important and Upcoming'. A timeline view shows tasks from September 22 to October 16, with a 'Today' marker. Tasks are represented by colored bars: green for 'Obtain approval to proceed', blue for 'Obtain feedback/input on design', grey for 'Kim's wedding', and light green for 'Review functional specifications'. Below the timeline, an 'Important' section lists tasks with checkboxes and due dates: 'Incorporate Help documentation feedback' (Sept 02), 'Obtain approvals to proceed (concept, timeline, budget)' (Oct 17), 'Review functional specifications' (Oct 30), 'Kim's wedding' (Oct 05), 'Dentist appointment' (Oct 11), 'Obtain feedback/input on design' (Today), and 'Review preliminary design documents' (Sept 21). An 'Upcoming' section lists 'Employee Retention Tracking System'.

Timesheet

Project Web App Search this site

Timesheet

i Your timesheet is open. You can send updates or turn it in **Total:** 36h **Period:** 7/2/2012 12:00 AM - 7/8/2012 11:59 PM

	Task Name/Description ↑	Project Name	Comment	Billing Category	Process S	Time Type	Mon 7/2	Tue 7/3	Wed 7/4	Thu 7/5	Fri 7/6	Sat 7/7	Sun 7/8
<input type="checkbox"/>	Determine project scope	Employee Reten		Standard		Actual	4h	8h	8h	8h	4h		
						Planned	8h	8h	8h	8h	8h		
<input type="checkbox"/>	Development complete	Health Assessme		Standard		Actual							
						Planned							
<input type="checkbox"/>	Incorporate Help documents	Health Assessme		Standard		Actual							
						Planned		8h	8h	8h	8h		
<input type="checkbox"/>	Conference	Administrative		Conference		Actual							
						Planned							
<input type="checkbox"/>	Service Desk Ticket 120	Administrative		Service Desk Tas		Actual	2h						
						Planned							
<input type="checkbox"/>	Service Desk Ticket 148	Administrative		Service Desk Tas		Actual	2h						
						Planned							
<input type="checkbox"/>	Service Desk Ticket 99	Administrative		Service Desk Tas		Actual							
						Planned							
<input type="checkbox"/>	Sick time	Administrative		Sick time		Actual							
						Planned							
<input type="checkbox"/>	Vacation	Administrative		Vacation		Actual							
						Planned							
		Total work				Actual	8h	8h	8h	8h	4h		
						Planned	8h	16h	16h	17h	24h		

Project Sites

Health Assessment Reporting Tool
EDIT LINKS

Health Assessment Reporting Tool

- Home
- Notebook
- Documents
- Tasks
- Calendar
- Recent
- Deliverables
- Risks
- Issues
- Project Details
- Site Contents

Project Summary

Deployment due
191 days
ago

42 late | 4 upcoming

Issues

+ new item or edit this list

Current View ...

✓	ID	Title	Assigned To	Status	Priority	Category	Due Date
Count= 1							
	1	Unable to update theme	... <input type="checkbox"/> Sara Davis	(3) Closed	(2) Medium	(2) Category2	

Documents

+ new document

✓ Name

- Health Assessment Project Status Stakeholder Report
...

Risks

+ new item or edit this list

Current View ...

✓	ID	Title	Assigned To	Status	Exposure	Category	Due Date
Count= 2							
	1	Integration w/ LoB is not delivered on time	... <input type="checkbox"/> Sara Davis	(1) Active	8	(2) Category2	
	2	Training content	... <input type="checkbox"/> Sara Davis	(1) Active	2	(1) Category1	



Reporting

Project Highlight Report: Apparel ERP Upgrade



Project Details		Next Gate	
Project Number	P1-001	Next Gate	Gate04
Project Manager	Carl Smith	Status Date	13/05/2011
Programme	P1	Sponsor	Marcus Sponsor
Programme Manager	Peter Brown	Customer	_internal
Project Objective		Status	
This is a description for the Apparel ERP Upgrade, a project that will deliver a new ERP solution to the organisation and will impact all areas of the company business.		Overall Previous	● (Green)
Comment on Status: We are beginning to see some scope creep on this project		Overall Current	● (Amber)
		Overall Predicted	● (Amber)
		Risk	● (Amber)
		Resourcing	● (Green)
Progress this Period		Project Finances (£000's)	
The client is asking for more functionality		Plan (Current FY)	£1100
		Forecast (Current FY)	£1100
		Plan (Total)	£1100
		Forecast (Total)	£1480
Progress next Period			
Have to get project back on track			

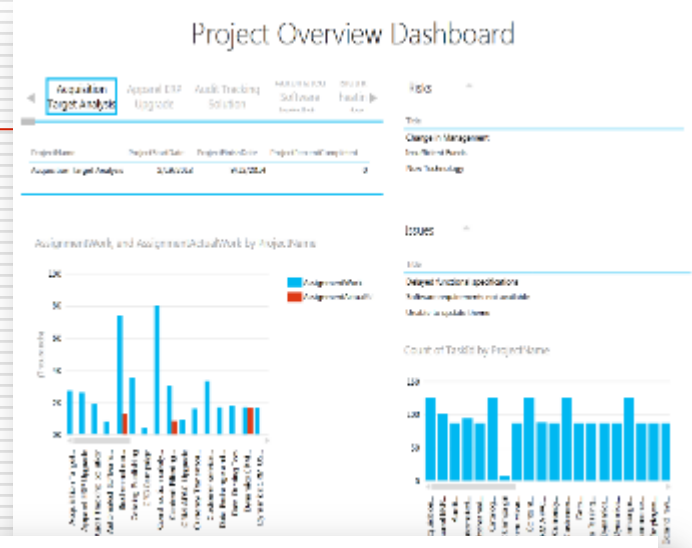
Gate	Planned	Description	Actual / Forecast	RAG Status	Status / Comments
G:00	05-Aug-10	Scope complete	14-Aug-10	●	
G:01	05-Sep-10	Scope complete	14-Sep-10	●	
G:02	05-Nov-10	Scope complete	14-Nov-10	●	
G:03	05-Dec-10	Scope complete	14-Dec-10	●	

Description	Planned	Actual / Forecast	RAG Status	Status / Comments
Functional specifications	14-Jan-11	14-Feb-11	●	

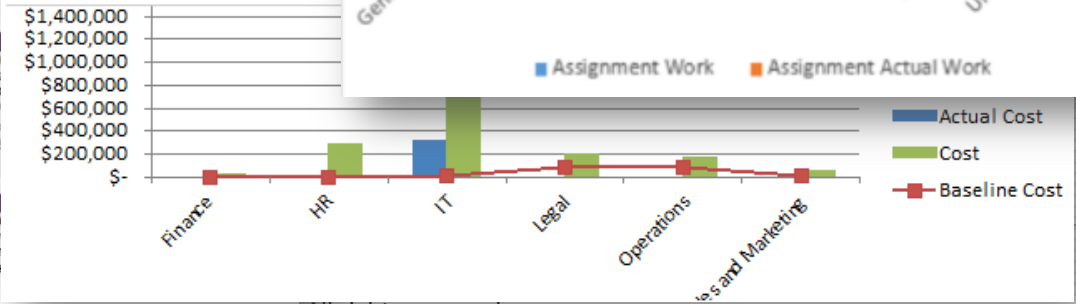
Supply Project Number / Task	Supply Date	Required Date	RAG Status	Status / Comments
Dependent Task: P1-001 / Develop code	31-May-11	19-Apr-11	●	
Dependent: Review modular code				

ID	Title	Assigned To	Priority	Resolution
P1-001-11	Hardware supplied is faulty	Brian Groth	● Medium	Have cont Delivery as as not yet
P1-001-12	Specification changes resulting from increased process complexity	Brian Groth	● Medium	Revisiting impact on

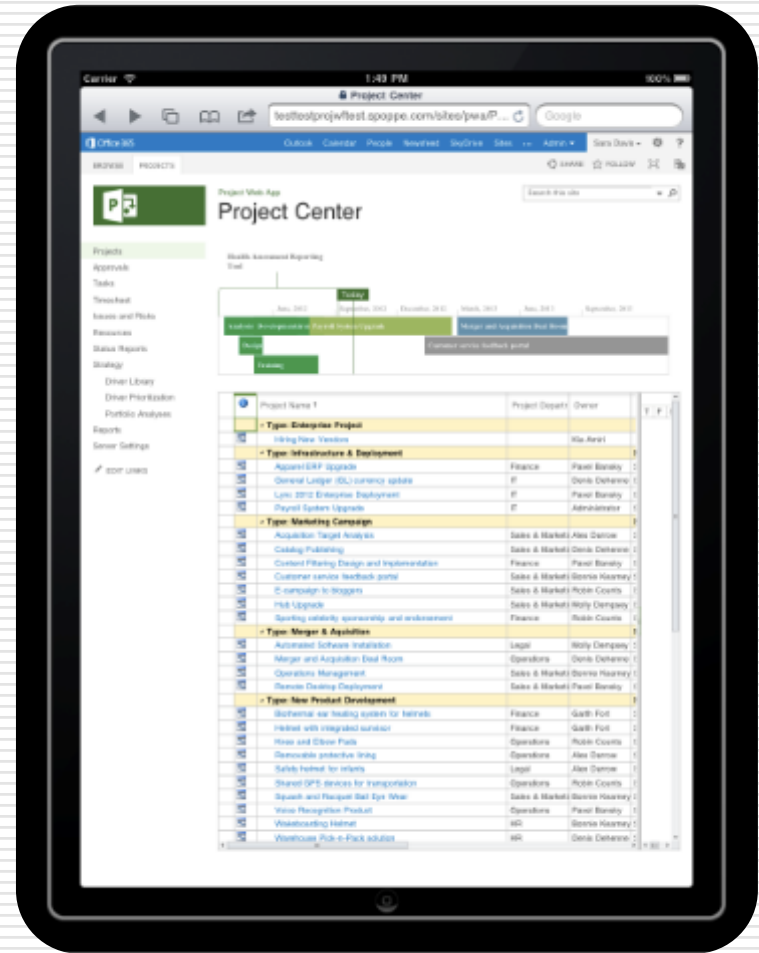
ID	Title	Assigned to	Exposure	Mitigation
P1-001-R1	Key resources on this project may be required for BAU activities, threatening on time delivery of this project.	Adam Barr	● 2.4	Having Inv that assign appropriate



Project Cost per Department



Mobile Device Access



Project Online



Rapid deployment

Latest software version

Flexible licensing

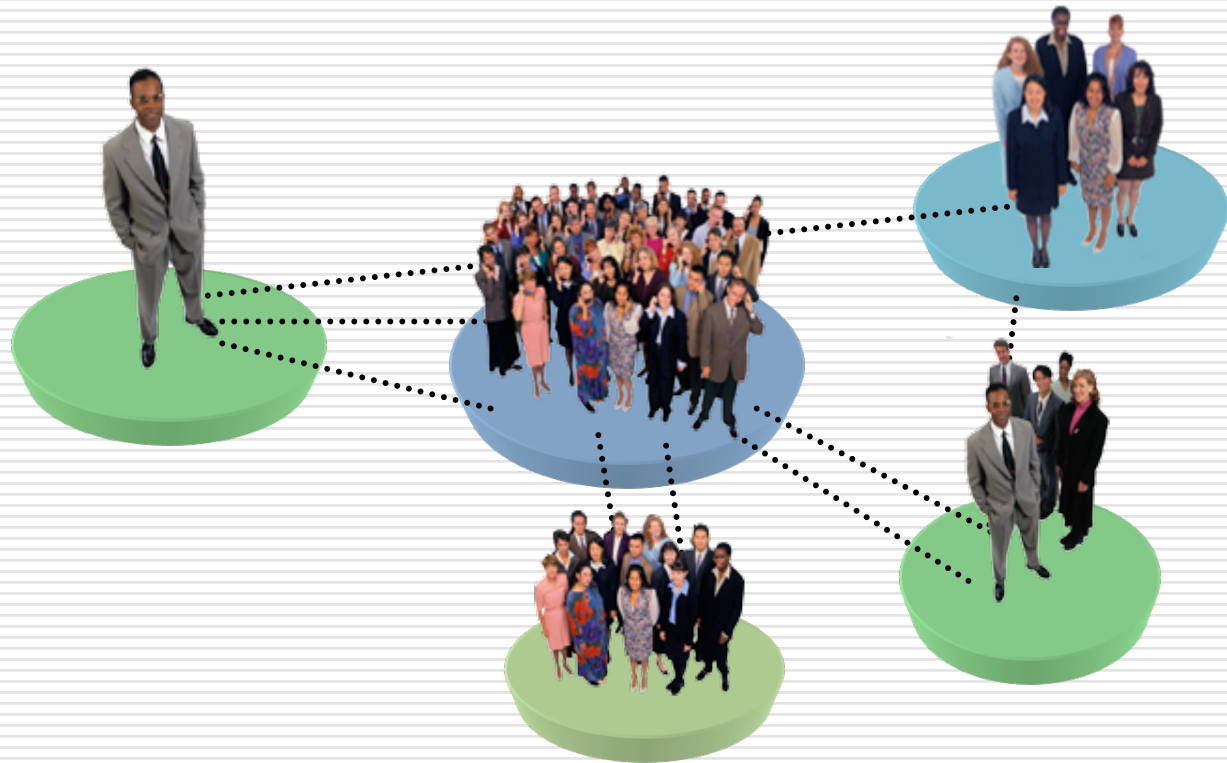
Instant remote access and portable devices

Independence from local infrastructure

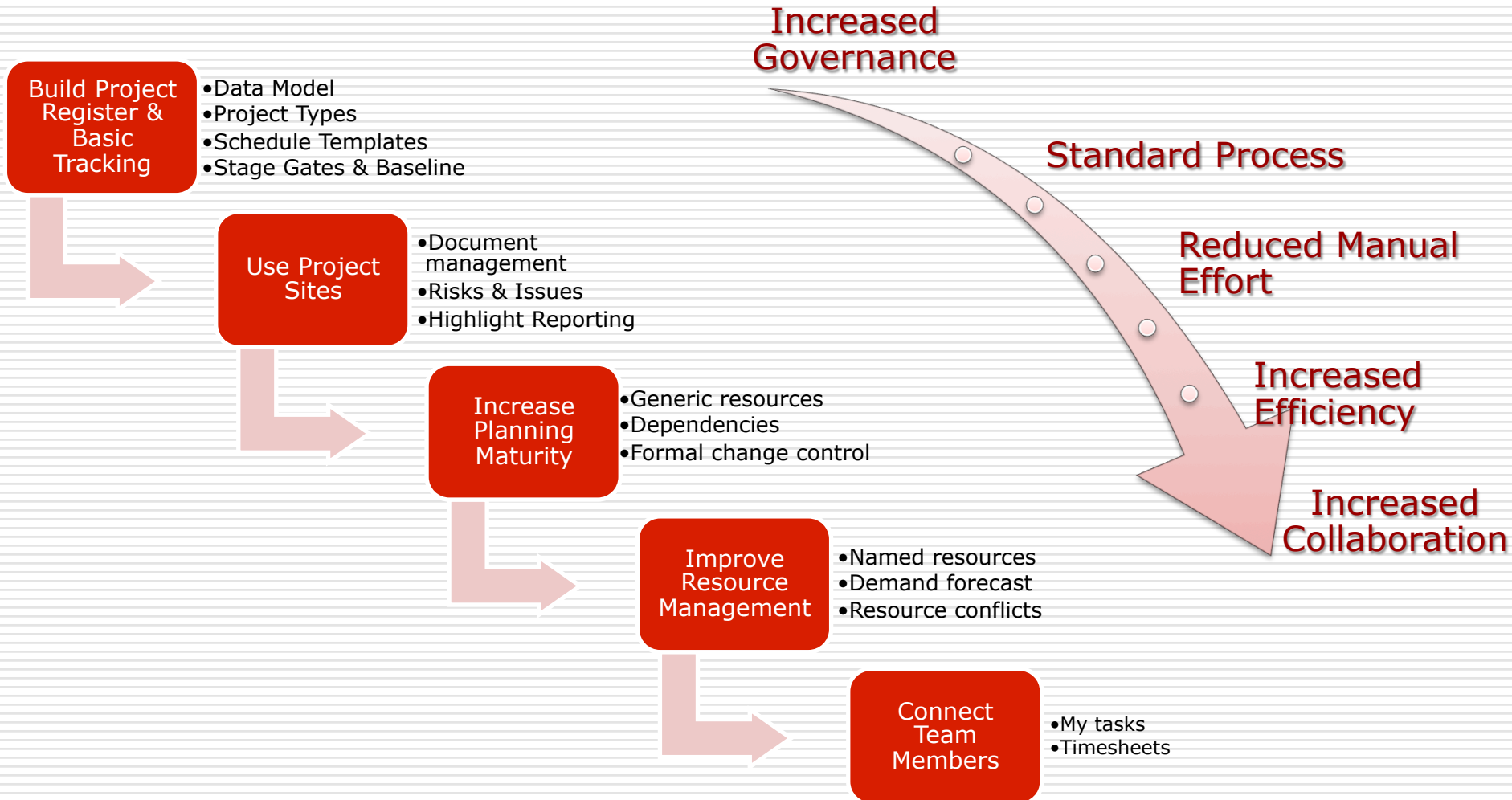
No internal support requirements

Integration with Office 365

How to implement?



Typical Journey



Conclusion

Do the right
thing

Do things
right

Stop
spreadsheet
madness

Help people
to work
consistently

Achieve
Project
visibility

Save time
and effort



Next Steps

- Find us in the exhibition hall
- Get in touch: gero.renker@programframework.com
- Visit our website: programframework.com
- Request a solution demo
- Undertake a free trial

