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Microsoft Schweiz TechNet Events

Wallisellen, 11. Juni 2014

Projektmanagement mit Project Server 2013

«Einführung einer Microsoft PPM Lösung anhand von Beispielen»

Matthias Jäger / Kristian Bubalo / Martin Laukkanen – TPG The Project Group

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Project

Agenda

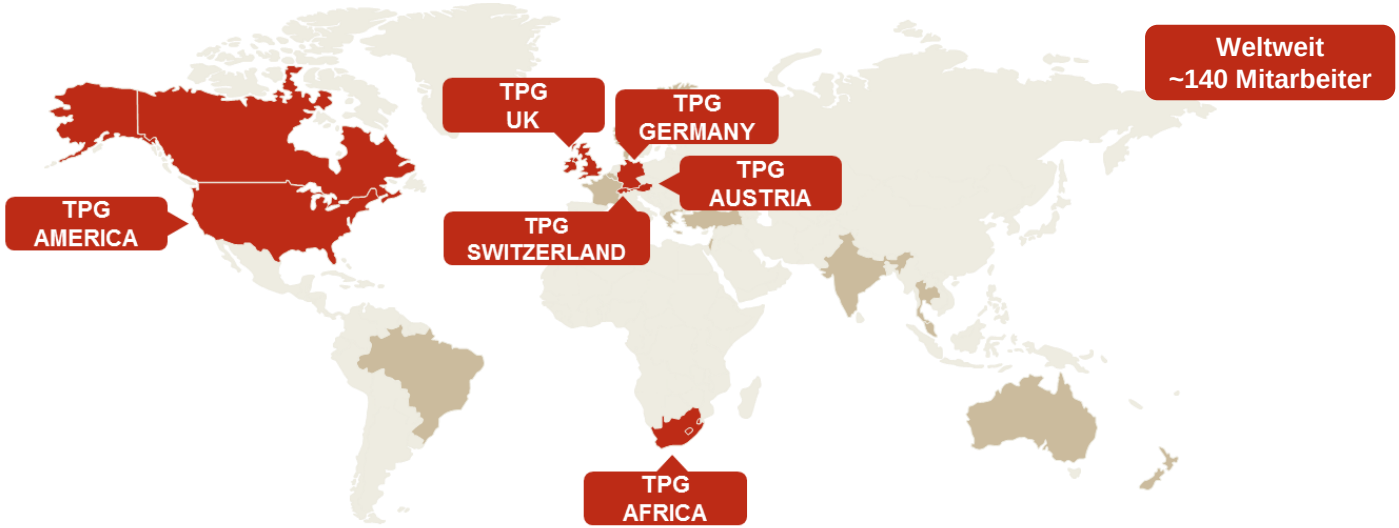
- TPG
- PPM mit Project Server
- Drei Kundenbeispiele
- Demo
- Q&A

Project

TPG – The Project Group

Business Fokus

Internationaler Full Service Anbieter für Consulting, Implementierung, Hosting, Produkte und Seminare zu **Projektmanagement-Lösungen** auf Basis von *Microsoft Technologien* und integriert mit ERP Systemen wie SAP und Dynamics AX.



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TPG – mit wem wir zusammenarbeiten…

Partnerschaften und Zertifikate:

- Microsoft Gold Partner
- Mitglied des Microsoft Partner Advisory Council Board
- SAP zertifiziert (TPG PSLink)
- PMI zertifiziert (R.E.P)
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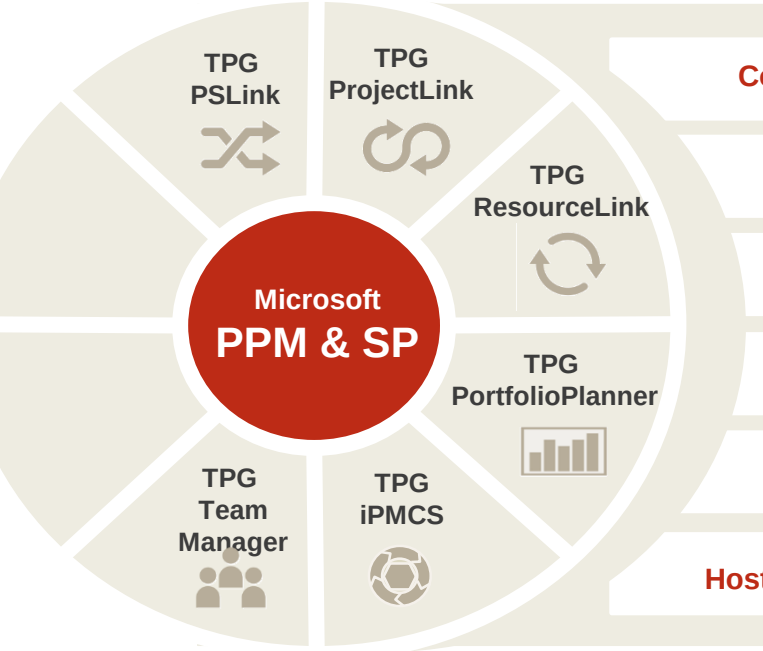
Produkte und Services



- Consulting für Projektmanagement und PM-Software Lösungen
- Implementierung von Microsoft SharePoint & PPM Lösungen
- Implementierung von TPG Produkten
- Schulungen
- Wartung und Support
- Hosting von PPM Lösungen

Lösungskomponenten und Anpassbarkeit

Microsoft Project Server und SharePoint

Portfolio-Management

Prozesse/Workflows

Multiprojektmanagement

Berichtswesen

Einzelprojektmanagement

ERP Systeme

Strukturen
Budgets
Kosten
Aufwand

Fremdsysteme

CRM
Dokumenten-Management
etc.

Einige TPG Kunden – aus allen Branchen

Emmi
swissgrid
WELEDA
Ricola
KPMG
Roche
NOVARTIS
DSM BRIGHT SCIENCE. BRIGHTER LIVING.
axpo
Lonza
RHEINMETALL DEFENCE
SIEMENS
Continental
EADS
MAN
intel
swisscom
e·on
SAP
Standard Bank
finanz informatik
VAILLANT GROUP
Microsoft
T Systems
exxaro POWERING POSSIBILITY
Clariant
TATA STEEL
kemira
JACOBS
Bayerischer Rundfunk
infineon
BENTLEY
BAE SYSTEMS
BOSCH
KEIPER BY JOHNSON CONTROLS
Audi

SharePoint

Project

Project Online

Office 365

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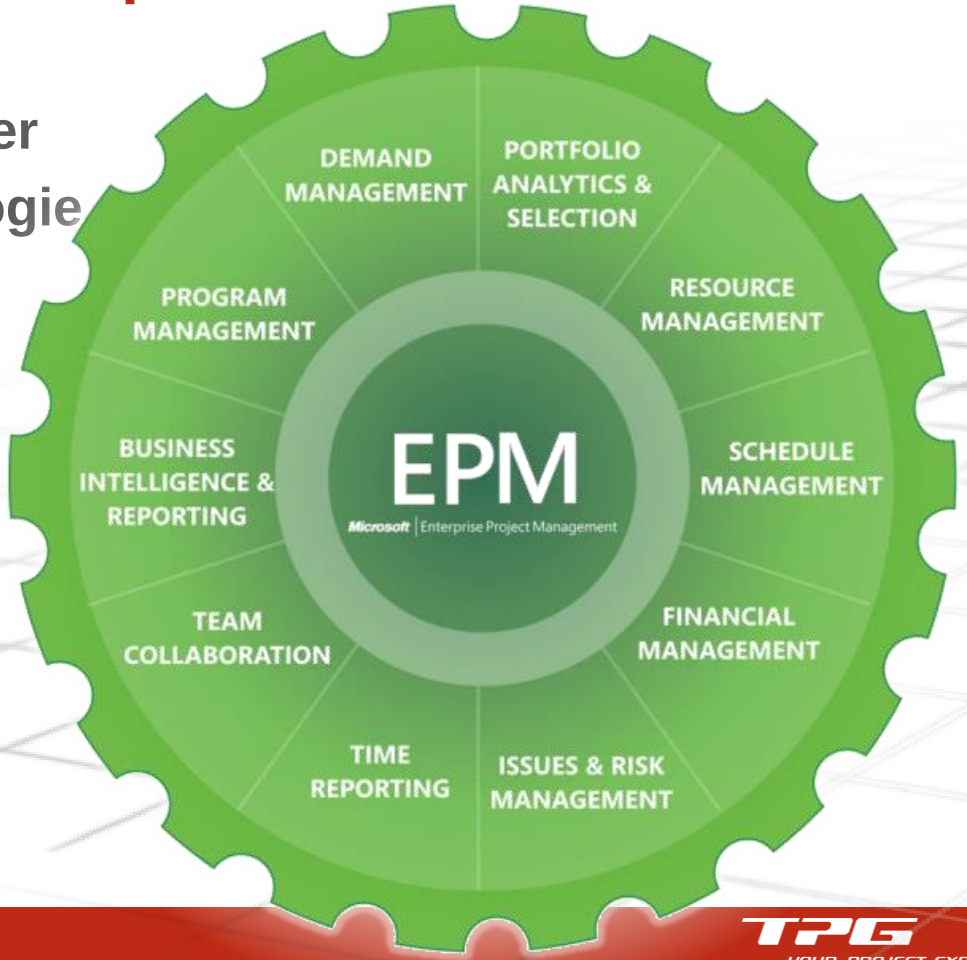
Microsoft Project Server Komponenten und Module

- Project Server basiert auf der SharePoint Server Technologie

Project

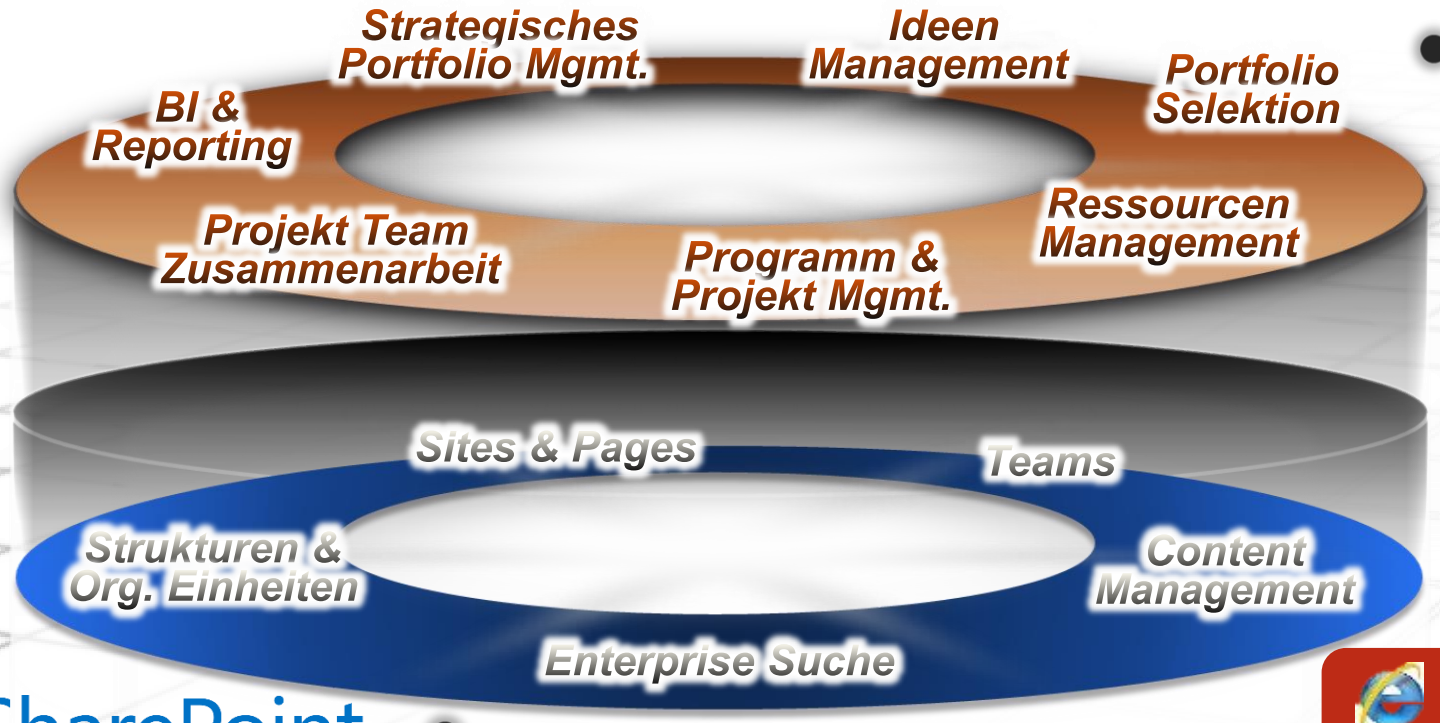
SharePoint

- Project Server besteht aus
  - Project Web App (PWA)
  - Project Professional



SharePoint Server und Project Server 2013

Erweiterte Projektzusammenarbeit



Browser

Microsoft Project Online

Cloud Lösung von Microsoft Office 365

Office Professional Plus	Exchange Online	SharePoint Online
Lync Online	Project Online	Visio Online

Office 365

www.office365.com | SaaS/Software As A Service

Microsoft Project Online Lizenzen

Cloud Lösung von Microsoft Office 365

Office 365 Service	Zielgruppe
Project Online (Project Web App)	Für Projekt-Teams und alle weiteren Projektbeteiligten
Project Pro für Office 365	Für Projektleiter und Ressourcen-manager (Detailplanung)
Project Online mit Project Pro für Office 365	Für Projektleiter, Ressourcen-manager, PMO, Portfoliomanager

Einzellizensierung oder über “Microsoft Enterprise Agreement”

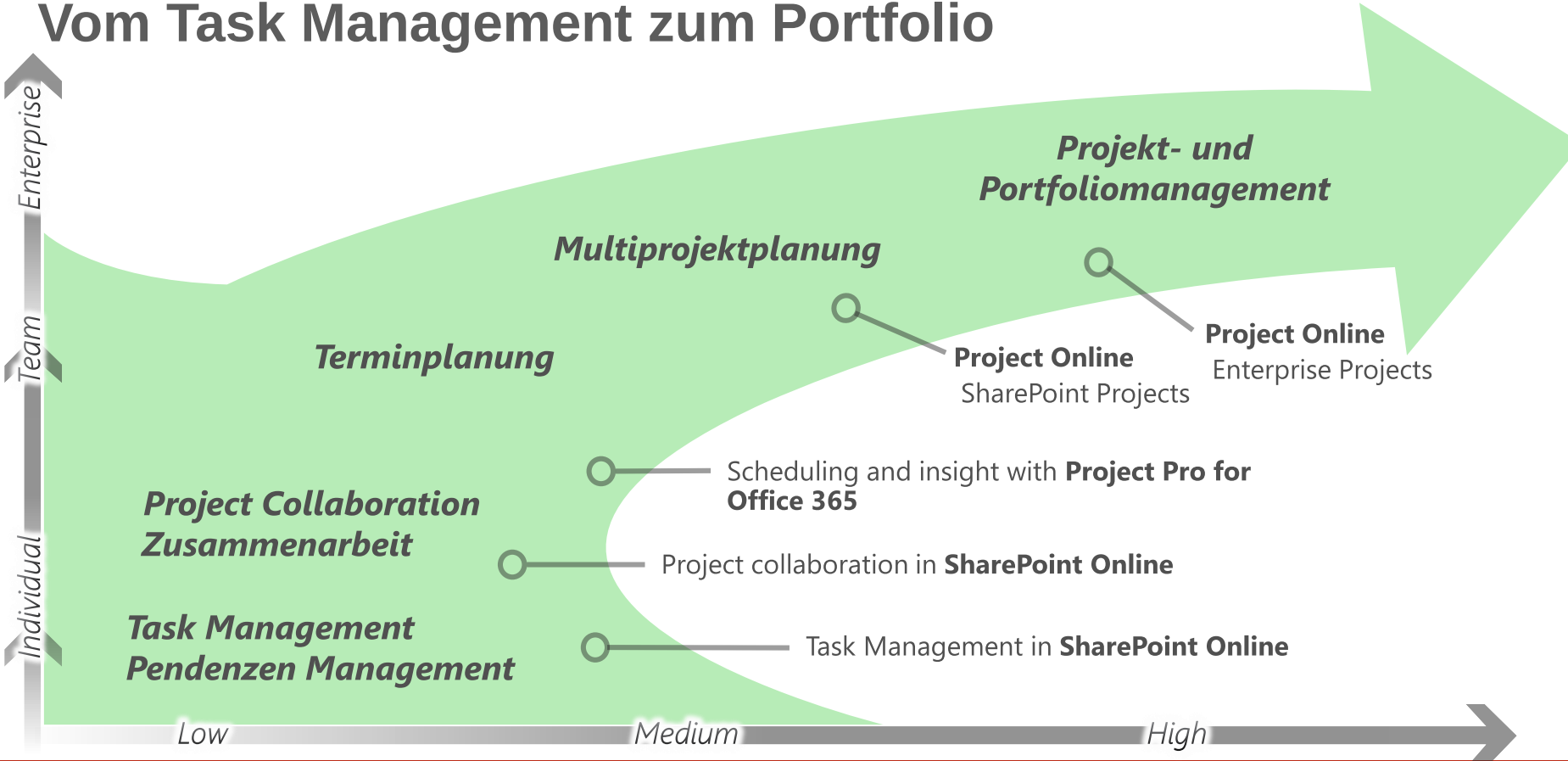
Microsoft Project Server „On-Premise“ Lizenzen

Installation im Haus – in eigener Netzwerkumgebung

Software	Zielgruppe
Project Web App CAL SharePoint Enterprise CAL CAL = Client Access Licence	Für Projekt-Teams und alle weiteren Projektbeteiligten
Project Professional (inkl. PWA CAL)	Für Projektleiter und Ressourcen-manager (Detailplanung)
SharePoint Server / Project Server	SharePoint Enterprise Edition & Project Server als Applikationsserver
Windows Server / SQL Server	Betriebssystem und Datenbankserver

Microsoft‘s Project Management Funktionen

Vom Task Management zum Portfolio



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Projekt-Portfoliomanagement (PPM)

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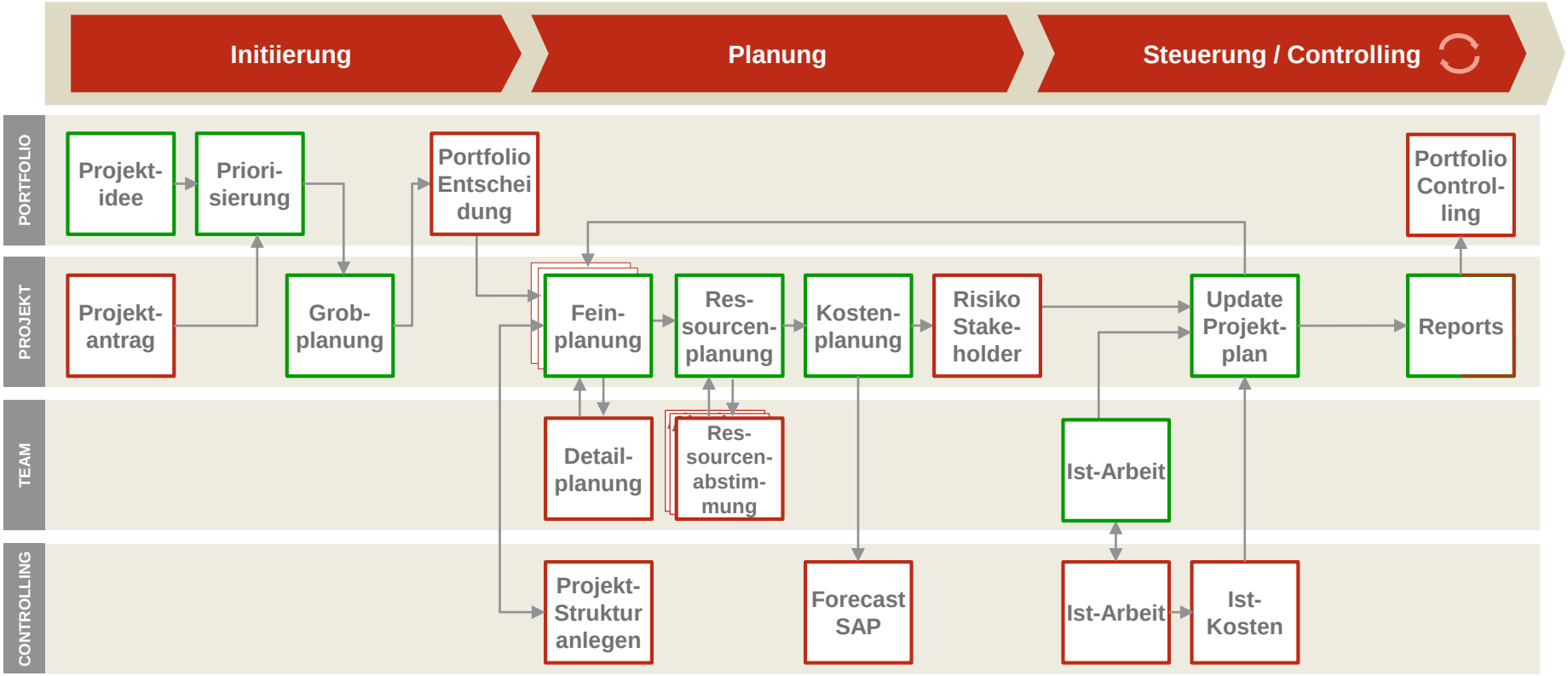
PPM-Prozesse



Drei verschiedene Kundenbeispiele
2010 vs. 2013 vs. Cloud

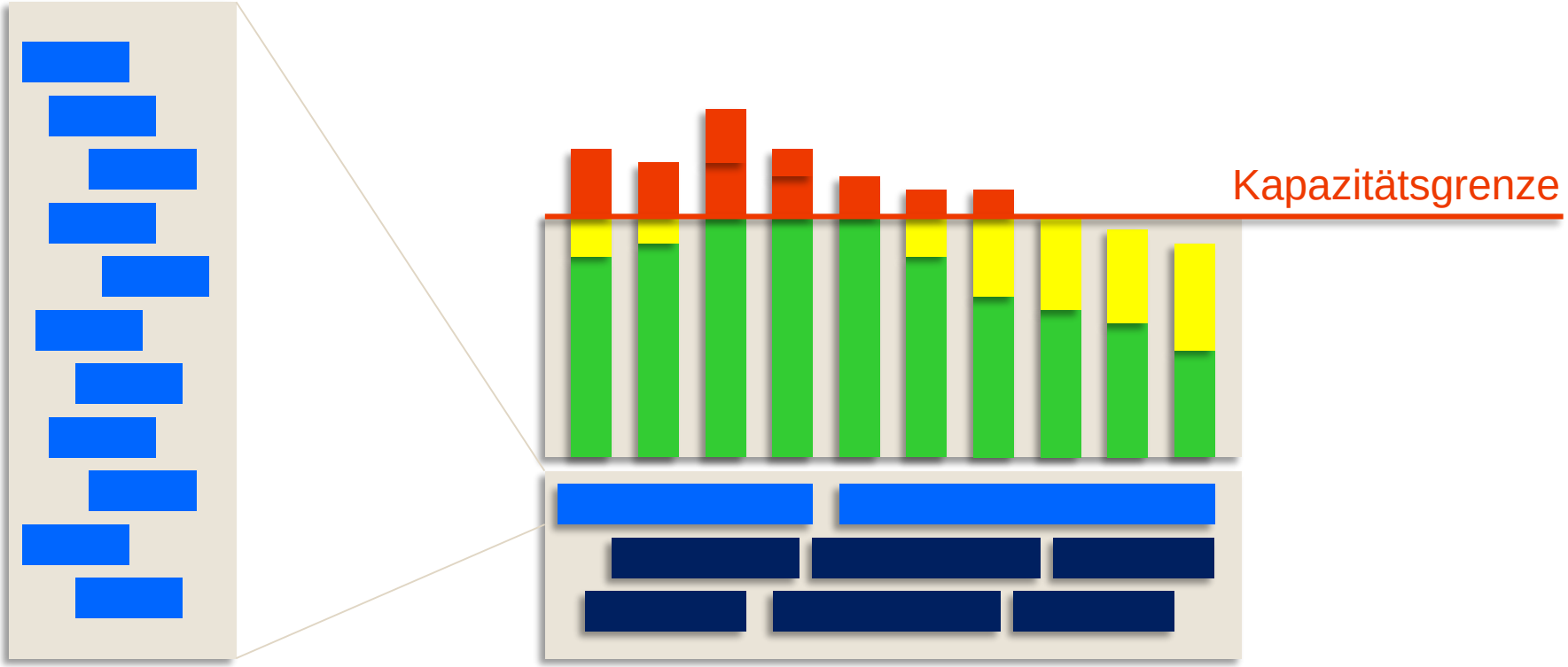
Project Server 2010 mit ERP Integration

Project Server 2013 “On-Premise”

Project Online “Cloud Lösung”

„Einfachste“ Anforderungen an die Ressourcenplanung

Wer gewinnt das Ressourcen Ping-Pong zwischen Projekten und Linie?

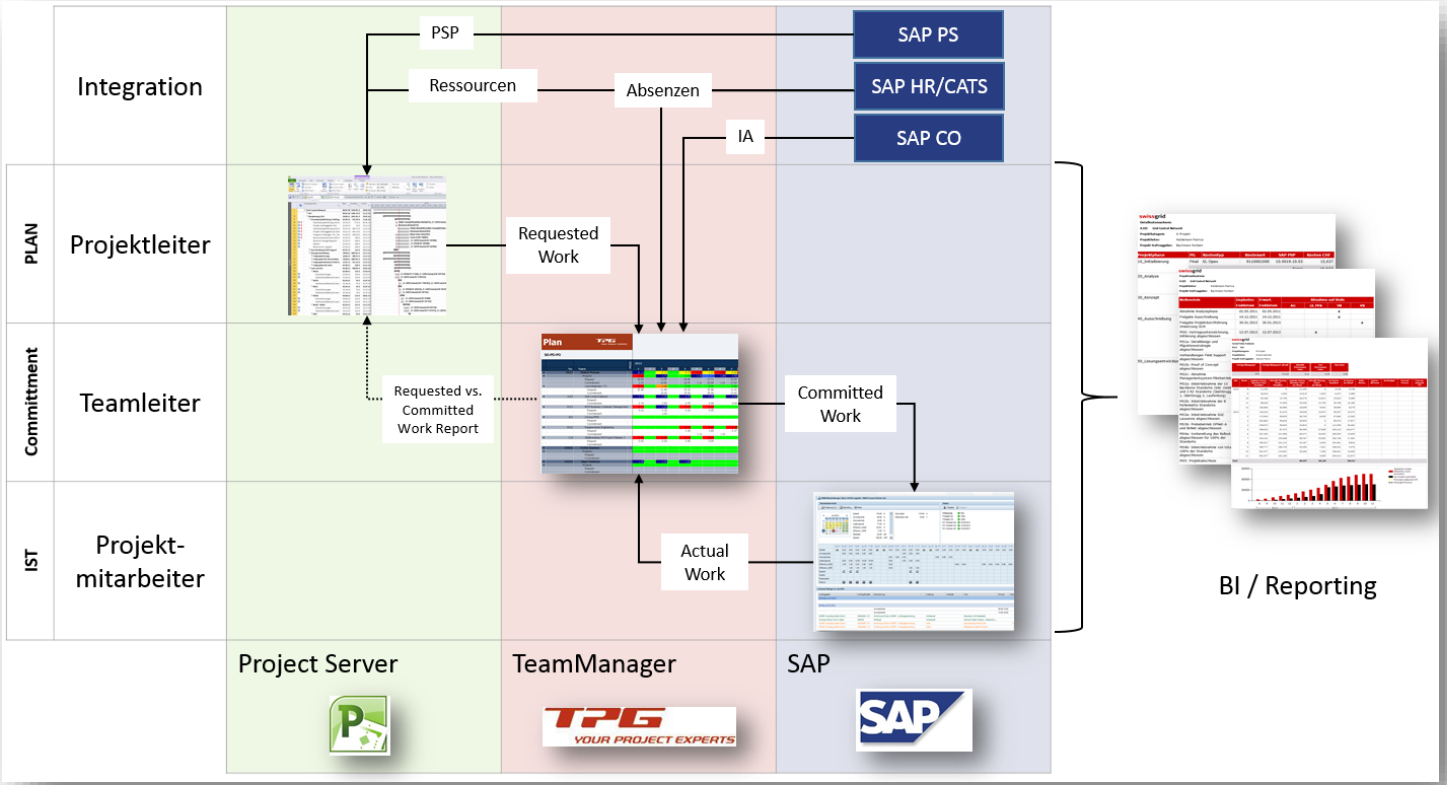


Neue Projekte

Laufende Projekte, Grundlasten, Innenaufträge, Absenzen

Systemlandschaft mit SAP-Integration

Projekt-Ressourcenplanung vs. Linien-Commitment vs. Mitarbeiter-Istwert



Ausgangslage und Anforderungen

- Mandantenfähigkeit mit Project-/Resource Departments
- Volle SharePoint-Integration (Portal, Intranet, Work Management Service mit Newsfeed, BI, SSRS, SSAS)
- Individualanforderungen eines Mandanten:
  - Mehrstufiger Planungsprozess: Budget vs. Plan vs. Ist (Project Professional)
  - Solide und erweiterbare Timesheet-Lösung (Mehrfacheinträge und Notizen pro Tag)
- Anforderungen aller Mandanten:
  - Erstellung und Management des Projektportfolios, Einzelterminplanung und SSRS/BI-Reporting in Project Web App

Ausblick und „Lessons Learned“

- Case Study demnächst verfügbar
- Ausbau Project Server auf ca. 10-15 verschiedene Abteilungen (Mandanten) in Schweiz und Europa
- SAP Integration nach Einführung SAP in 2015/2016
- Gemeinsame vs. getrennte SharePoint Architektur genau prüfen:
  - Anforderungen an individuelle Installationen von Service Packs und Patches (CU‘s): April und Juni 2014 CU für Project Server wichtig bei Cache und Save-Offline Problematik
  - Individuelles Customizing und Deployment von Project Server Apps und Solutions
  - Individualität und keine Abhängigkeit zur grossen SharePoint Intranet-Farm
- Mandanten-übergreifende PPM-Prozesse vor Konfiguration prüfen

Project | 2014 Conference

Anaheim, CA | February 2-5, 2014

Microsoft

THINK BIG.
WHAT'S YOUR NEXT PROJECT?

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Initial Position

Processes and Usage of Microsoft Project/Office in the past

PMO	Project 2007	Docs	Reports
Centralized PMO team of project managers which supports in internal organization projects	Microsoft Project 2003/2007 was used for project structure, scheduling, milestones and responsibilities	Project documents are saved in normal file storage	Status reports were written in Word files and sent out via E-Mail to stakeholder

Considerations

Arguments for a cloud based Project Online solution

Technical	Business	License Costs	Support
Internal SharePoint Server infrastructure not available. Windows XP and Vista clients	Quick and fast deployment/ implementation desired.	One-time initial high costs for On-Premise solution vs. recurring monthly costs by user for Project Online.	Outsourcing of support to Microsoft (infra-structure) and Partner (custo-mization)

Technical Considerations

Technical

Some technical restrictions

- Be aware of client machine operating systems
  - No installation of Project Pro for Office365 on Windows XP or Vista available
  - Internet Explorer 9 or 10 is best
- Project Pro for Office365…
  - … is not a full web based Microsoft Project Client
  - … must be installed as a “Click to run” streaming client <u>or</u> as a full fat client version
  - … cannot be installed on a separate Terminal-/Citrix Server as streaming client
- SSRS (SQL Server Reporting Services)
  - Can be used on Windows Azure or on internal server (Q1/2014)

Business Considerations

Requirements

Business

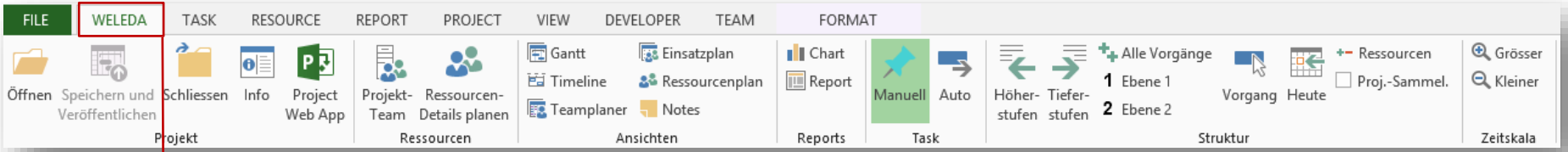
- Focus on operational Project Portfolio Management
  - Provide visibility and transparency for programs and portfolios
  - List of all running and planned projects including schedule and generic resources
  - High level cost planning on project level
  - Business Intelligence reports in Project Web App and Project Pro
  - Deeper usage of SharePoint project sites for documents, issues, risks and other lists
- Deployment and implementation
  - First prototype should be quick and fast deployed
  - A step by step approach is considered

Business Considerations

Business

“Easy to use” Project Professional user interface

- Clear guidance and less training with streamlined adapted Ribbon
- Custom views/tables/filter/…




```
'TPG The Project Group / Version 1.0 / 01-Feb-2014
Sub CUSTOMERRibbon()
  Dim ribbonXml As String

  'Ribbon Name
  ribbonXml = "<mso:customUI xmlns:mso=""http://schemas.microsoft.com/office/2009/07/customui"">"
  ribbonXml = ribbonXml + "  <mso:ribbon>"
  ribbonXml = ribbonXml + "    <mso:qat/>"
  ribbonXml = ribbonXml + "    <mso:tabs>"
  ribbonXml = ribbonXml + "      <mso:tab id=""CUSTOMERtab"" label=""CUSTOMER NAME"" insertBeforeQ=""mso:TabTask"">"

  'Section - Project
  ribbonXml = ribbonXml + "        <mso:group id=""Project"" label=""Project"" autoScale=""false"">"
    ribbonXml = ribbonXml + "          <mso:button id=""ProjectOpen"" label=""Open"" "
    ribbonXml = ribbonXml + "imageMso=""FileOpen"" size=""large"" onAction=""FileOpen""/>"
    ribbonXml = ribbonXml + "          <mso:control idQ=""mso:FilePublish"" visible=""true"" label=""Save and Publish"
    ribbonXml = ribbonXml + "          <mso:button id=""ProjectClose"" label=""Close"" "
    ribbonXml = ribbonXml + "imageMso=""FileClose"" size=""large"" onAction=""FileClose""/>"
```

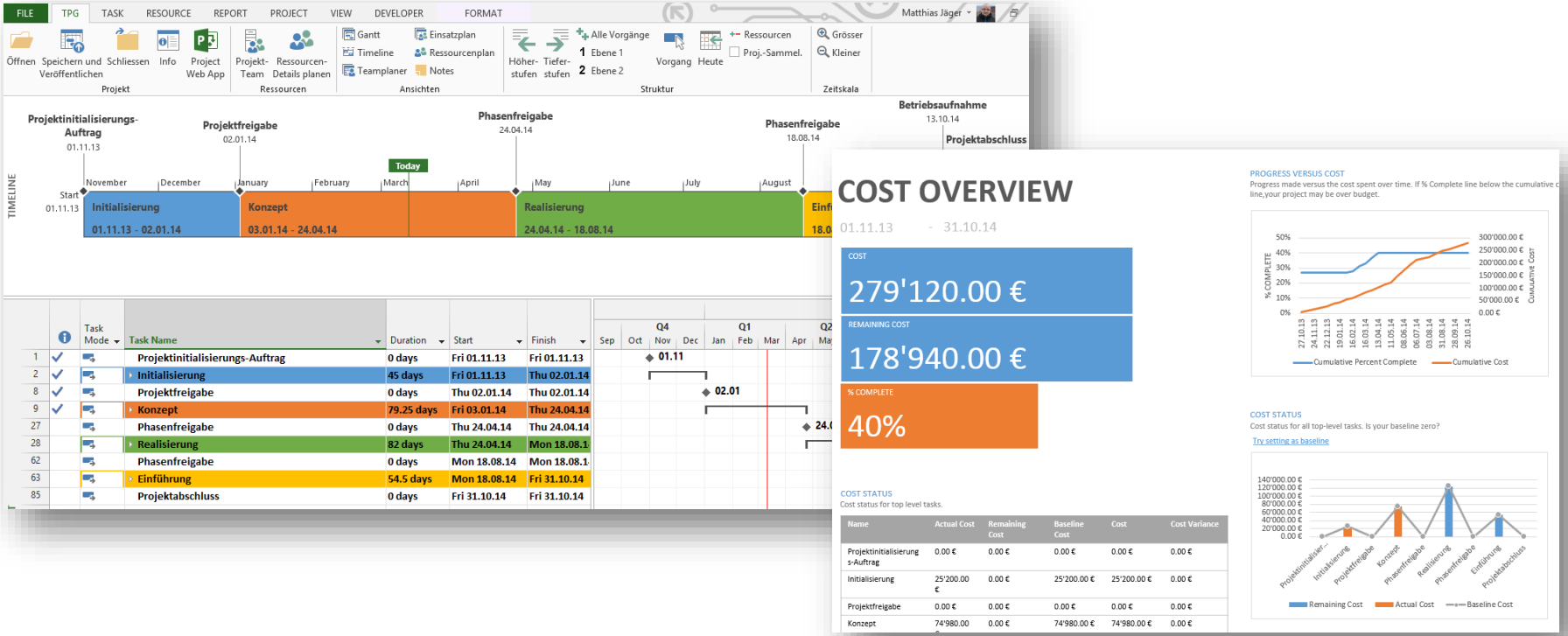
```
ribbonXml = ribbonXml + "      </mso:tab>"
ribbonXml = ribbonXml + "    </mso:tabs>"
ribbonXml = ribbonXml + "  </mso:ribbon>"
ribbonXml = ribbonXml + "</mso:customUI>"

ActiveProject.SetCustomUI (ribbonXml)

End Sub
```

Project 2013 Desktop Reports

Timeline & Dashboards in ProjPro



OData for Project Server & Project Online

Daten-Tabelle und Pivot

	A	B	C	
1	ProjektID	EnterpriseProjektTypBeschreibung	EnterpriseProjektTypID	EnterpriseProjek
2	7608f484-86bf-e111-9f1e-00155d022681		d3e3f61e-95be-e111-9f1e-00155d022681	Merger & Aquis
3	be33184f-76bf-e111-9f1e-00155d022681		2044287d-94be-e111-9f1e-00155d022681	Software Devel
4	aef97dfa-8ebf-e111-9f1e-00155d022681		2044287d-94be-e111-9f1e-00155d022681	Software Devel
5	30376acb-9abf-e111-9f1e-00155d022681		2044287d-94be-e111-9f1e-00155d022681	Software Devel
6	4e02ce0e-58bf-e111-9f1e-00155d022681		2044287d-94be-e111-9f1e-00155d022681	Software Devel
7	39f5a47c-7abf-e111-9f1e-00155d022681		0ef42fbe-94be-e111-9f1e-00155d022681	Marketing Cam
8	77f6262c-f8a1-e211-9d3f-00155d493607	A project with all the enterprise capa	09fa52b4-059b-4527-926e-99f9be96437a	Enterprise Proje
9	ccce7b1f-8bbf-e111-9f1e-00155d022681		c7546f28-95be-e111-9f1e-00155d022681	New Product De
10	a38397f6-84bf-e111-9f1e-00155d022681		0ef42fbe-94be-e111-9f1e-00155d022681	Marketing Cam
11	681d17ff-7dbf-e111-9f1e-00155d022681		2044287d-94be-e111-9f1e-00155d022681	Software Devel
12	52c23ab8-84bf-e111-9f1e-00155d022681		0ef42fbe-94be-e111-9f1e-00155d022681	Marketing Cam
13	8db785da-1e9a-e311-8272-a0481cd4cad8	Use this type to create a project plan	f4066fec-bd67-4db9-8e6f-9cb3d3b297a6	Visibility Mode
14	095a08dc-77bf-e111-9f1e-00155d022681			
15	7d520098-5bbf-e111-9f1e-00155d022681			
16	3f009ceb-81bf-e111-9f1e-00155d022681			
17	332d3211-d3be-e111-9f1e-00155d022681			
18	dce23152-63bf-e111-9f1e-00155d022681			
19	7c57b324-f49a-e311-bfb5-00155d48fd1d			
20	a64d199b-cfbe-e111-9f1e-00155d022681			
21	6a4a8525-83bf-e111-9f1e-00155d022681			
22	2d094d97-90bf-e111-9f1e-00155d022681			
23	47e1dbd6-97bf-e111-9f1e-00155d022681			

TaskIsMilestone	TRUE
TaskOutlineLevel	2

Row Labels	Sum of TaskFinishDate
⊟Project Server	
Task 1 en für CH und FR in DE	05.01.2015
Task 2 en für DE, SE, AT, NL	05.01.2015
⊟Hermes	
Bedarfsanalyse durchführen	02.01.2014
Betriebsaufnahme	13.10.2014
Decision point - go/no-go to pilot stage	18.08.2014

Project Portfolio Status Report

				Budget		Imp Date		Cost		Quality		Absatz Jahr 1		Umsatz Jahr 1		DB1 Jahr 1	
ProjectName	Start	Statu	Projekt Pha	Soll	Ist	Soll	Ist	Soll	Ist	Soll	Ist	Soll	Ist	Soll	Ist	Soll	Ist
IT Projekte																	
Alpha	Jan 14	A	Cap	29'000	29'000	Mai 14	Mai 14	1.45	1.45	100%	100%	813'000	813'000	3'450'000	3'450'000	2'293'000	2'293'000
Beta	Feb 14	A	Def							100%	100%						
Gamma	Nov 13	A	Fea	1'500'000	676'000	Jan 15	Jan 15	2.2	2.2	100%	90%	4'078'000	4'078'000	12'198'000	12'198'000	8'402'000	8'402'000
Delta	Dez 14	A	Fea	1'500'000	676'000	Jul 13	Aug 14	1.42	1.42	100%	90%	1'812'000	1'812'000	7'812'000	7'812'000	5'629'000	5'629'000
IT	Jan 14	A				Jul 13											
HR	Feb 14	A		790'256	2'000'000	Aug 14	Mai 14			100%	100%						
COM	Nov 13	A	Fea	1	1	Aug 15	Aug 15	1.12	1.12	100%	100%	19	19	20	20	18	18
SharePoint	Dez 14	A	Def	0	0	Jun 14	Jun 14	1.82	1.82	100%	100%	2'800'000	2'800'000			10	10
Project	Jan 14	A	Fea	1	1	Aug 14	Aug 14	1.12	1.12	100%	100%	1	1	20	20	18	18
Marketing	Jan 14	A	Fea	26'000	26'000	Jan 14	Jan 14	1	0.92	100%	100%	51'000	51'000	262'000	262'000	215'000	215'000
Sales	Jan 14	A	Def							100%	100%						
PPM	Feb 14	A															
Beppi	Nov 13	A	Imp	1'050'000	970'000	Feb 13	Feb 13	2.07	2.07	100%	100%	2'265'000	2'265'000	11'940'000	11'940'000	5'375'000	5'357'000
Diverse	Dez 14	A	Fea	219'000	219'000	Mrz 15	Mrz 15	1.59	1.59	100%	100%	1'382'000	1'382'000	10'209'000	10'209'000	6'632'000	6'632'000
Maintenance Projekte																	
App1	Jun 12	A	Cap	0	0	Jun 13	Feb 14			100%	100%						
App2	Aug 13	A	Fea							100%	100%						
App3	Mrz 13	A				Dez 13											

Customer Cost Considerations

License Costs

One-time initial high costs for On-Premise solution vs. recurring monthly costs by user for Project Online.

Office 365 Service	Target Audience
Project Online (Project Web App)	Project Team Member and all Stakeholder
Project Pro for Office 365	For Project- and Resource Manager
Project Online with Project Pro for Office 365	For Project- /Resource Manager, PMO, Portfolio Manager

Recurring monthly single licenses or order via "Microsoft Enterprise Agreement"
➔ 200 seats promo ➔ $7 per user/month for Project Lite

On-Premise Software Installation

- Project Web App CAL
  SharePoint Enterprise CAL
  CAL = Client Access Licence
- Project Professional
  (inkl. PWA CAL)
- SharePoint Server Enterprise Edition
  Project Server
- Windows Server / SQL Server

High initial costs ➔ break even after five years+ for appr. 300 users

Support Considerations

Outsourcing of support and administration

Support

- Microsoft Office 365 support service
  - Responsible for infrastructure and general services
  - Fast reaction time and availability
- Partner
  - Customization, configuration, administration and training
  - Office365 tenant administration and support

Outlook on the Future

- Project Online Case Study
- Roll-out to 220+ users in different countries in 2014
- Implement Power BI for Office 365/Project Online
- Implement SSRS with Windows Azure or internal server
- Provide recurring training and feedback sessions to users

Project

Q&A

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Vielen Dank für Ihre Aufmerksamkeit!

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Für Rückfragen steht Ihnen gerne
unser TPG Team heute zur Verfügung.

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Business Intelligence Reporting in Project Server

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Timelines, Visio, Visio Services, Excel,

Excel Services, Project Desktop Reports, OData,

PerformancePoint, Power View, Power BI, Power Pivot,

SSRS, SSAS, SSIS, REST, SSRS, SharePoint Apps,

Business Connectivity Services,

Third Party Reporting Tools

BI in Microsoft Project, Project Server & Project Online

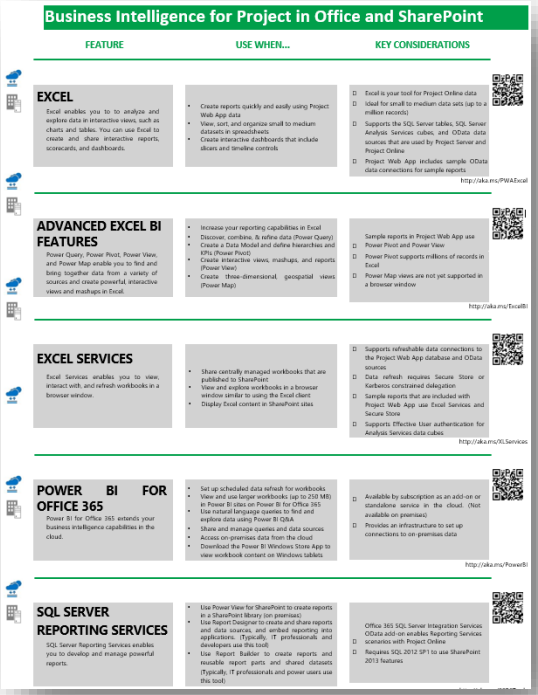
Welche Reporting Tools können verwendet werden?

Project 2013 Desktop Reports

Project Web App Sample Reports

Excel 2013 Reports with Project Web App Data

SQL Server Reporting Services (SSRS) with Project Web App Data and other SQL Data



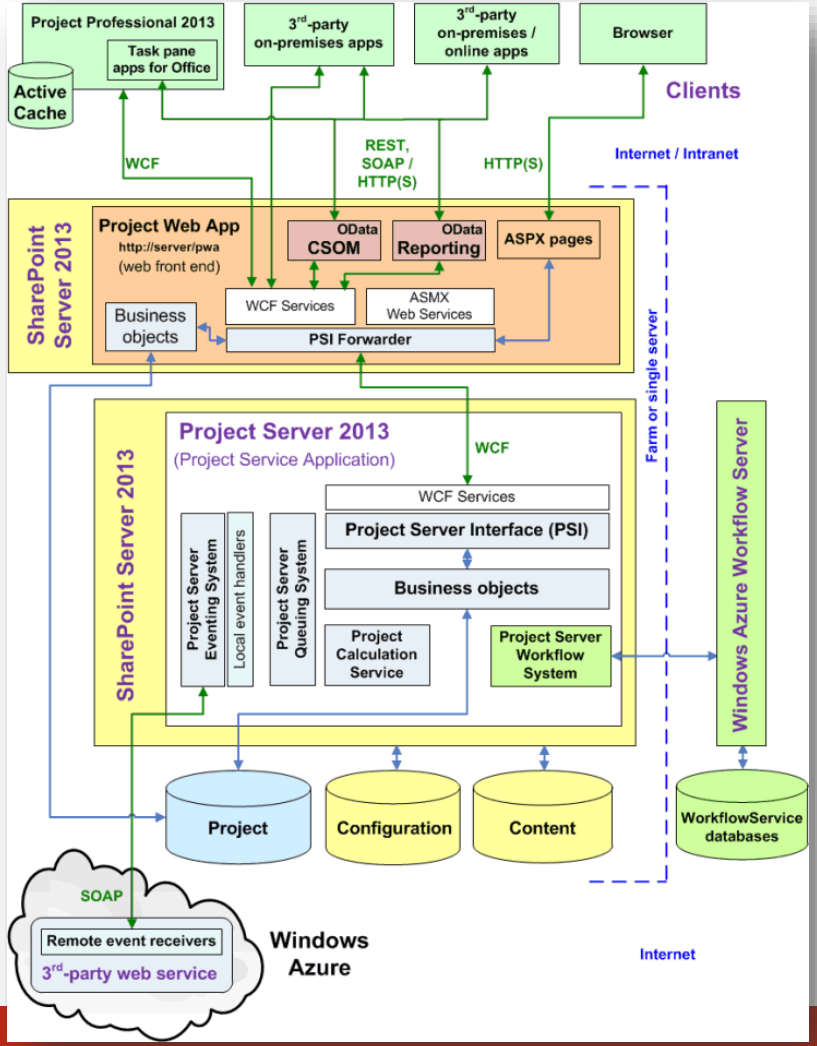
Business Intelligence for Project in Office and SharePoint

FEATURE	USE WHEN...	KEY CONSIDERATIONS
EXCEL Excel enables you to to analyze and explore data in interactive views, such as charts and tables. You can use Excel to create and share interactive reports, scorecards, and dashboards.	• Create reports quickly and easily using Project Web App data • View, sort, and organize small to medium datasets in spreadsheets • Create interactive dashboards that include slicers and timeline controls	☐ Excel is your tool for Project Online data ☐ Ideal for small to medium data sets (up to a million records) ☐ Supports the SQL Server tables, SQL Server Analysis Services cubes, and OData data sources that are used by Project Server and Project Online ☐ Project Web App includes sample OData data connections for sample reports http://aka.ms/PWAExcel
ADVANCED EXCEL BI FEATURES Power Query, Power Pivot, Power View, and Power Map enable you to find and bring together data from a variety of sources and create powerful, interactive views and mashups in Excel.	• Increase your reporting capabilities in Excel • Discover, combine, & refine data (Power Query) • Create a Data Model and define hierarchies and KPIs (Power Pivot) • Create interactive views, mashups, and reports (Power View) • Create three-dimensional, geospatial views (Power Map)	Sample reports in Project Web App use ☐ Power Pivot and Power View ☐ Power Pivot supports millions of records in Excel ☐ Power Map views are not yet supported in a browser window http://aka.ms/ExcelBI
EXCEL SERVICES Excel Services enables you to view, interact with, and refresh workbooks in a browser window.	• Share centrally managed workbooks that are published to SharePoint • View and explore workbooks in a browser window similar to using the Excel client • Display Excel content in SharePoint sites	☐ Supports refreshable data connections to the Project Web App database and OData sources ☐ Data refresh requires Secure Store or Kerberos constrained delegation ☐ Sample reports that are included with Project Web App use Excel Services and Secure Store ☐ Supports Effective User authentication for Analysis Services data cubes http://aka.ms/XLServices
POWER BI FOR OFFICE 365 Power BI for Office 365 extends your business intelligence capabilities in the cloud.	• Set up scheduled data refresh for workbooks • View and use larger workbooks (up to 250 MB) in Power BI sites on Power BI for Office 365 • Use natural language queries to find and explore data using Power BI Q&A • Share and manage queries and data sources • Access on-premises data from the cloud • Download the Power BI Windows Store App to view workbook content on Windows tablets	☐ Available by subscription as an add-on or standalone service in the cloud. (Not available on premises) ☐ Provides an infrastructure to set up connections to on-premises data http://aka.ms/PowerBI
SQL SERVER REPORTING SERVICES SQL Server Reporting Services enables you to develop and manage powerful reports.	• Use Power View for SharePoint to create reports in a SharePoint library (on premises) • Use Report Designer to create and share reports and data sources, and embed reporting into applications. (Typically, IT professionals and developers use this tool) • Use Report Builder to create reports and reusable report parts and shared datasets (Typically, IT professionals and power users use this tool)	Office 365 SQL Server Integration Services OData add-on enables Reporting Services scenarios with Project Online ☐ Requires SQL 2012 SP1 to use SharePoint 2013 features

http://office.microsoft.com/en-us/project-help/redir/AF104195754.aspx?CTT=5&origin=HA104187048

Generelle Project Server 2013 Architektur

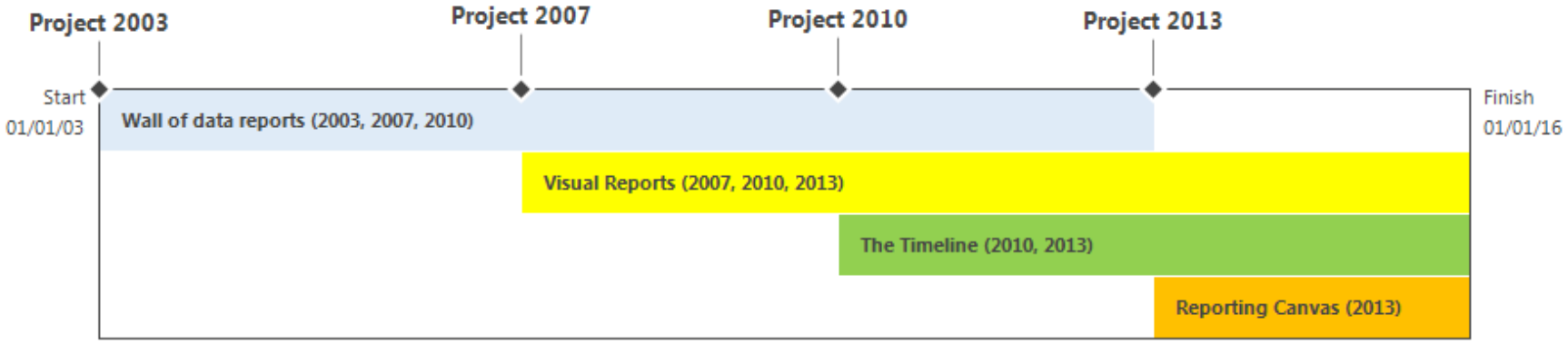
http://msdn.microsoft.com/en-us/library/office/ee767687(v=office.15).aspx



TPG YOUR PROJECT EXPERTS

Project Reporting in den Versionen

Reports / Visual Reports / Timeline / “Real” Reports



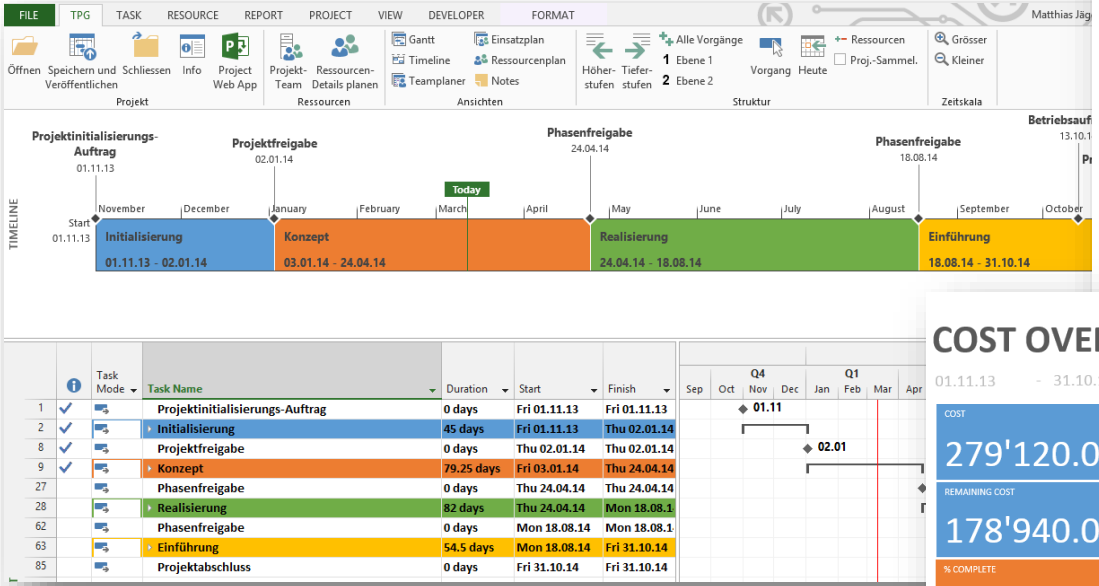
Project Server 2013 & Project Online (2013)

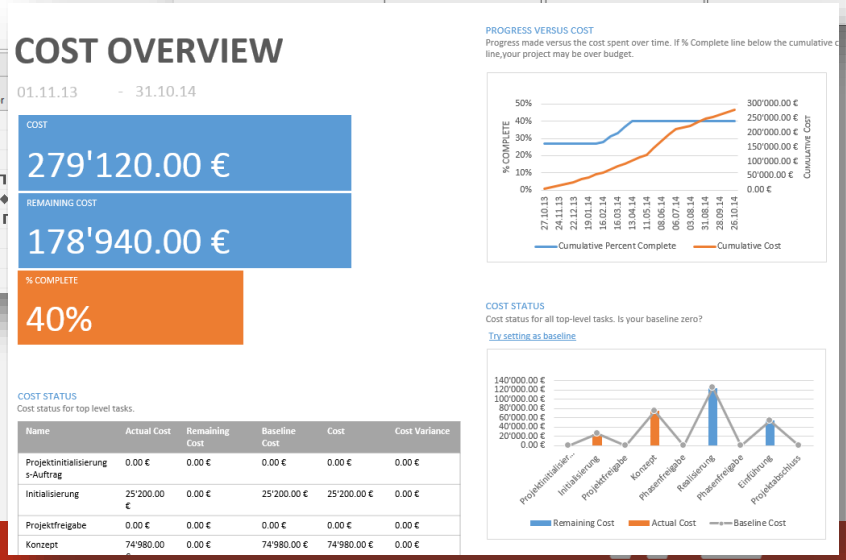
Bussiness Intelligence Änderungen zu 2010 / 2007 / …

- Eine Project Server Datenbank vs. vier Datenbanken
- Reporting Schema mit Views, Tables, etc.
- Reporting Datentabellen können mit OData Feed aufgerufen werden
- Existierende Reports basierend auf Reporting-DB Tabellen und Views der Project Server 2010 Reporting Datenbank sind weiterhin lauffähig (Reporting Tabellen sind namentlich gleich)
- Einige OLAP Cube Einstellungen sind jetzt in der SharePoint Central Administration

Project 2013 Desktop Reports

Timeline & Reports - Demo





Project Server & Project Online

Data

- Data Sources
  - Reporting Database / Tables / Views
  - Multidimensional OLAP
  - OData for Project Online / Project Server
- Was ist OData?
  - HTTP-basierend
  - Verfügbar initial mit SharePoint 2010 for list data, erweitert in 2013
  - Auch für Project Server 2013 verfügbar
  - http://www.odata.org
- Odata Entitäten in Project Server 2013 & Project Online
  - https://COMPANY.sharepoint.com/sites/pwa/**_api/ProjectData**

Project Server & Project Online

OData Feed


```
<?xml version="1.0" encoding="UTF-8"?>
- <service xmlns:atom="http://www.w3.org/2005/Atom" xmlns="http://www.w3.org/2007/app" xml:base="https://
  - <workspace>
      <atom:title>Default</atom:title>
    - <collection href="Projects">
        <atom:title>Projects</atom:title>
      </collection>
    - <collection href="ProjectBaselines">
        <atom:title>ProjectBaselines</atom:title>
      </collection>
    - <collection href="AssignmentBaselines">
        <atom:title>AssignmentBaselines</atom:title>
      </collection>
    - <collection href="AssignmentBaselineTimephasedDataSet">
        <atom:title>AssignmentBaselineTimephasedDataSet</atom:title>
      </collection>
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    - <collection href="Deliverables">
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    - <collection href="RiskTaskAssociations">
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      </collection>
    - <collection href="ProjectWorkflowStageDataSet">
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      </collection>
    - <collection href="ResourceTimephasedDataSet">
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    - <collection href="Risks">
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      </collection>
    - <collection href="TaskBaselines">
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      </collection>
    - <collection href="TaskBaselineTimephasedDataSet">
```
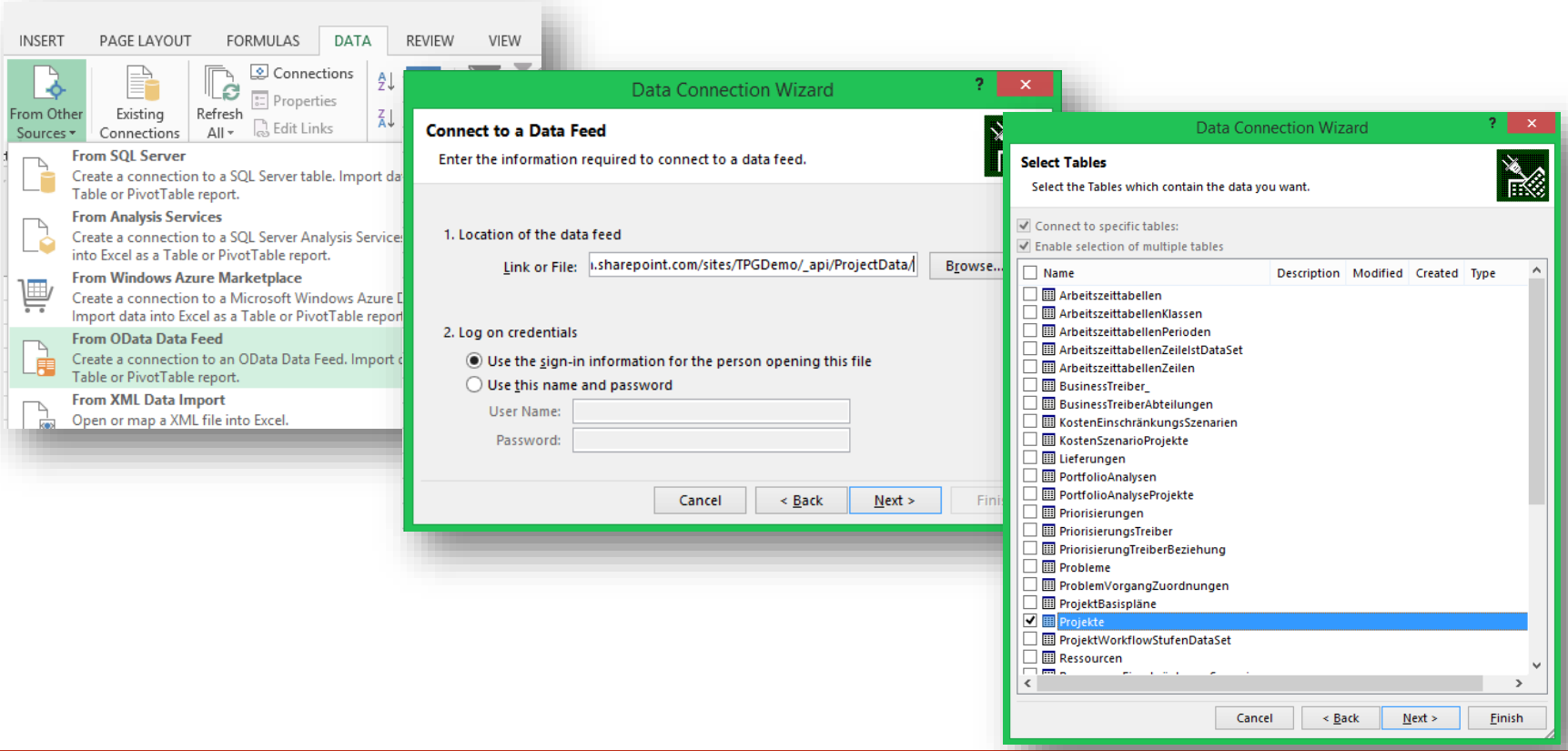


- Odata Entitäten in Project Server 2013 & Project Online
  - https://COMPANY.sharepoint.com/sites/pwa/ **_api/ProjectData**

OData für Project Server & Project Online

Verbindungen und Datenauswahl



TPG YOUR PROJECT EXPERTS

OData für Project Server & Project Online

Daten-Tabelle und Pivot

	A	B	C	
1	ProjektID	EnterpriseProjektTypBeschreibung	EnterpriseProjektTypID	EnterpriseProjekt
2	7608f484-86bf-e111-9f1e-00155d022681		d3e3f61e-95be-e111-9f1e-00155d022681	Merger & Aquis
3	be33184f-76bf-e111-9f1e-00155d022681		2044287d-94be-e111-9f1e-00155d022681	Software Devel
4	aef97dfa-8ebf-e111-9f1e-00155d022681		2044287d-94be-e111-9f1e-00155d022681	Software Devel
5	30376acb-9abf-e111-9f1e-00155d022681		2044287d-94be-e111-9f1e-00155d022681	Software Devel
6	4e02ce0e-58bf-e111-9f1e-00155d022681		2044287d-94be-e111-9f1e-00155d022681	Software Devel
7	39f5a47c-7abf-e111-9f1e-00155d022681		0ef42fbe-94be-e111-9f1e-00155d022681	Marketing Cam
8	77f6262c-f8a1-e211-9d3f-00155d493607	A project with all the enterprise capa	09fa52b4-059b-4527-926e-99f9be96437a	Enterprise Proj
9	ccce7b1f-8bbf-e111-9f1e-00155d022681		c7546f28-95be-e111-9f1e-00155d022681	New Product De
10	a38397f6-84bf-e111-9f1e-00155d022681		0ef42fbe-94be-e111-9f1e-00155d022681	Marketing Cam
11	681d17ff-7dbf-e111-9f1e-00155d022681		2044287d-94be-e111-9f1e-00155d022681	Software Devel
12	52c23ab8-84bf-e111-9f1e-00155d022681		0ef42fbe-94be-e111-9f1e-00155d022681	Marketing Cam
13	8db785da-1e9a-e311-8272-a0481cd4cad8	Use this type to create a project plan	f4066fec-bd67-4db9-8e6f-9cb3d3b297a6	Visibility Mode
14	095a08dc-77bf-e111-9f1e-00155d022681		2044287d-94be-e111-9f1e-00155d022681	Software Devel
15	7d520098-5bbf-e111-9f1e-00155d022681		2044287d-94be-e111-9f1e-00155d022681	Software Devel
16	3f009ceb-81bf-e111-9f1e-00155d022681			
17	332d3211-d3be-e111-9f1e-00155d022681			
18	dce23152-63bf-e111-9f1e-00155d022681			
19	7c57b324-f49a-e311-bfb5-00155d48fd1d			
20	a64d199b-cfbe-e111-9f1e-00155d022681			
21	6a4a8525-83bf-e111-9f1e-00155d022681			
22	2d094d97-90bf-e111-9f1e-00155d022681			
23	47e1dbd6-97bf-e111-9f1e-00155d022681			

TaskIsMilestone		TRUE
TaskOutlineLevel		2
Row Labels		**Sum of TaskFinishDate**
⊟ Project Server		
Task 1	en für CH und FR in DE	05.01.2015
Task 2	en für DE, SE, AT, NL	05.01.2015
⊟ Hermes		
Bedarfsanalyse durchführen		02.01.2014
Betriebsaufnahme		13.10.2014
Decision point - go/no-go to pilot stage		18.08.2014
Entwurf abgeschlossen		24.04.2014

Project Portfolio Status Report

				Budget		Imp Date		Cost		Quality		Absatz Jahr 1		Umsatz Jahr 1		DB1 Jahr 1	
ProjectName	Start	Statu	Projekt Pha	Soll	Ist	Soll	Ist	Soll	Ist	Soll	Ist	Soll	Ist	Soll	Ist	Soll	Ist
IT Projekte																	
Alpha	Jan 14	A	Cap	29'000	29'000	Mai 14	Mai 14	1.45	1.45	100%	100%	813'000	813'000	3'450'000	3'450'000	2'293'000	2'293'000
Beta	Feb 14	A	Def							100%	100%						
Gamma	Nov 13	A	Fea	1'500'000	676'000	Jan 15	Jan 15	2.2	2.2	100%	90%	4'078'000	4'078'000	12'198'000	12'198'000	8'402'000	8'402'000
Delta	Dez 14	A	Fea	1'500'000	676'000	Jul 13	Aug 14	1.42	1.42	100%	90%	1'812'000	1'812'000	7'812'000	7'812'000	5'629'000	5'629'000
IT	Jan 14	A				Jul 13											
HR	Feb 14	A		790'256	2'000'000	Aug 14	Mai 14			100%	100%						
COM	Nov 13	A	Fea	1	1	Aug 15	Aug 15	1.12	1.12	100%	100%	19	19	20	20	18	18
SharePoint	Dez 14	A	Def	0	0	Jun 14	Jun 14	1.82	1.82	100%	100%	2'800'000	2'800'000			10	10
Project	Jan 14	A	Fea	1	1	Aug 14	Aug 14	1.12	1.12	100%	100%	1	1	20	20	18	18
Marketing	Jan 14	A	Fea	26'000	26'000	Jan 14	Jan 14	1	0.92	100%	100%	51'000	51'000	262'000	262'000	215'000	215'000
Sales	Jan 14	A	Def							100%	100%						
PPM	Feb 14	A															
Beppi	Nov 13	A	Imp	1'050'000	970'000	Feb 13	Feb 13	2.07	2.07	100%	100%	2'265'000	2'265'000	11'940'000	11'940'000	5'375'000	5'357'000
Diverse	Dez 14	A	Fea	219'000	219'000	Mrz 15	Mrz 15	1.59	1.59	100%	100%	1'382'000	1'382'000	10'209'000	10'209'000	6'632'000	6'632'000
Maintenance Projekte																	
App1	Jun 12	A	Cap	0	0	Jun 13	Feb 14			100%	100%						
App2	Aug 13	A	Fea							100%	100%						
App3	Mrz 13	A				Dez 13											

OData für Project Server & Project Online

Spezifische Felder und System Query Options

- $select zum Selektieren einzelner Felder und Performancesteigerung
  - https://SERVER/PWASite/_api/ProjectData/Tasks?**$select=ProjectName,TaskName,TaskIsMilestone,TaskFinishDate,TaskVariance**
  - Sprachabhängigkeit beachten:
    https://SERVER/PWASite/_api/ProjectData/Vorg%C3%A4nge?$select=ProjektName,VorgangsName,VorgangIstMeilenstein,VorgangEndTermin,VorgangEndeAbweichung


```
<?xml version="1.0" encoding="utf-8" ?>
- <feed xml:base="https://tpggmbh.sharepoint.com/sites/TPGDemo/_api/ProjectData/" xmlns="http://www.w3.org/2005/At
  <id>https://tpggmbh.sharepoint.com/sites/TPGDemo/_api/ProjectData/Vorg%C3%A4nge</id>
  <title type="text">Vorgänge</title>
  <updated>2014-03-13T06:52:11Z</updated>
  <link rel="self" title="Vorgänge" href="Vorg%C3%A4nge" />
- <entry>
    <id>https://tpggmbh.sharepoint.com/sites/TPGDemo/_api/ProjectData/Vorg%C3%A4nge(ProjektID=guid'aa5c2fbb-bf
    <category term="ReportingData.Vorgang" scheme="http://schemas.microsoft.com/ado/2007/08/dataservices/scheme" />
    <link rel="edit" title="Vorgang" href="Vorg%C3%A4nge(ProjektID=guid'aa5c2fbb-bfbe-e111-9f1e-00155d022681',Vorgan
    <title />
    <updated>2014-03-13T06:52:11Z</updated>
  - <author>
      <name />
    </author>
  - <content type="application/xml">
    - <m:properties>
```


TPG YOUR PROJECT EXPERTS

OData für Project Server & Project Online

System Query Options und Funktionen

- guid zum Selektieren von Projekten
  - /_api/ProjectData/Projects**(guid'b28fc3ef-99bf-e111-9f1e-00155d022681'**)/Tasks

- Datumsfunktionen
  - Int month(DateTime P0) - $filter=month(TaskFinishDate) eq 2

- Textfunktionen
  - bool substringof(string po, string p1) –

- Mehr Funktionen auf www.odata.org

Project Server & Project Online

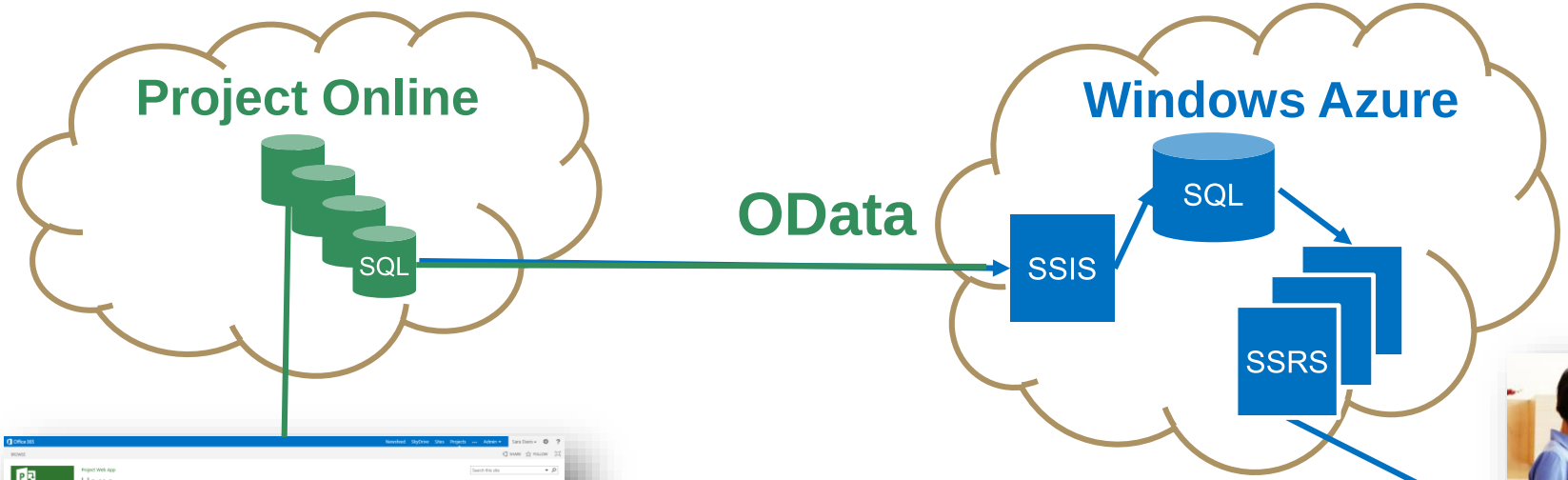
SSRS = SQL Server Reporting Services

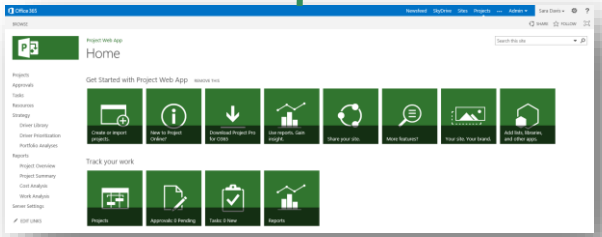
- Abfragen direkt auf die Datenbank bei “On Premise” Installationen

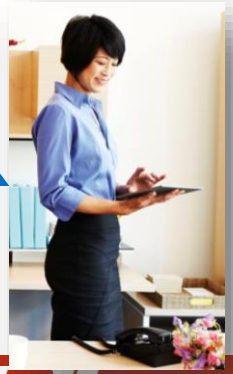
Project Server & Project Online

SSRS = SQL Server Reporting Services

- Windows Azure bietet neu eine SSIS Lösung für SSRS an







YOUR PROJECT EXPERTS

TPG
YOUR PROJECT EXPERTS

Reporting Praxisbeispiele

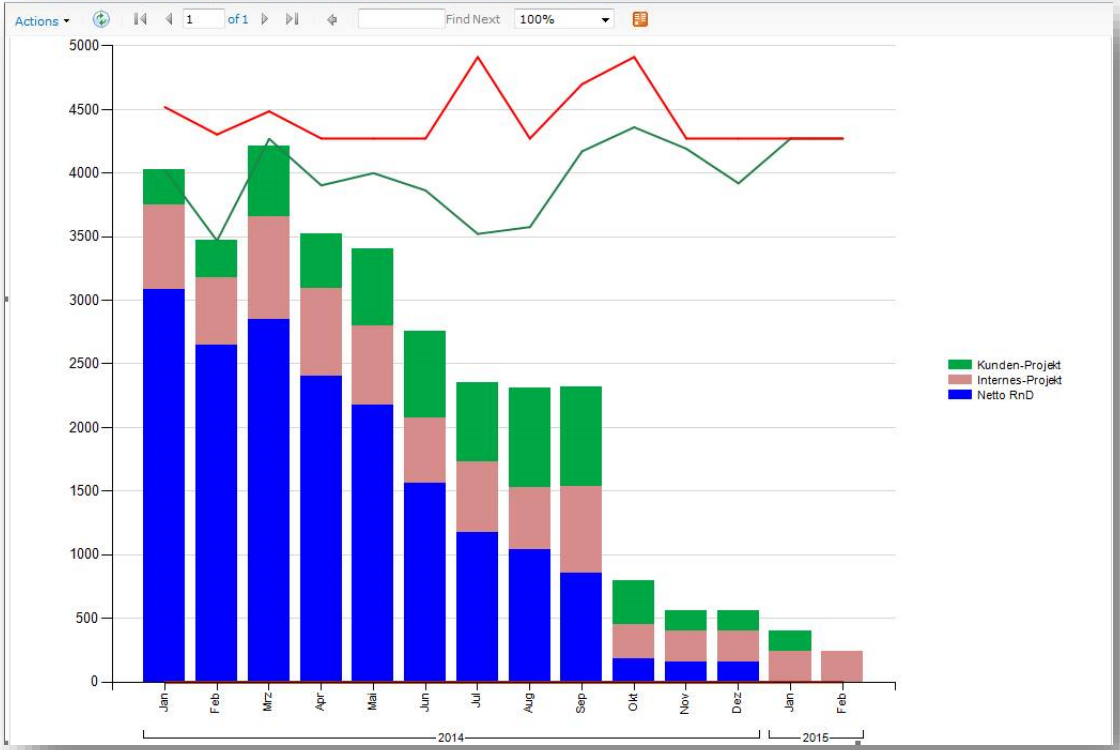
Microsoft Partner
Gold Application Development
Gold Project and Portfolio Management
Gold Business Intelligence

SAP® Certified
Integration with SAP Applications

PMI Registered Education Provider
Project Management Institute

SSRS Lösung

Ressourcenkapazitätsdiagramm



TPG YOUR PROJECT EXPERTS

SSRS Lösung
Projekt-Dashboard

Projekt-Dashboard March 2014 — **On hold**

Ist-Zahlen per: 28. Februar 2014
Projektkategorie: B-Projekt
Projekt-Auftraggeber: Matthias Jäger
Projektleiter: Kristian Bubalo
Projektstart: 03.01.2012 **Projektende:** 23.12.2014

Gesamtstatus	Trend
Gesamt	
Ziel	
Kosten	
Zeit	
Ressourcen	

Stimmungsbarometer
Motivation im Team
Commitment zur Zielerreichung
Zusammenarbeit interne Stakeholder
Arbeitsbelastung
Zusammenarbeit externe Partner

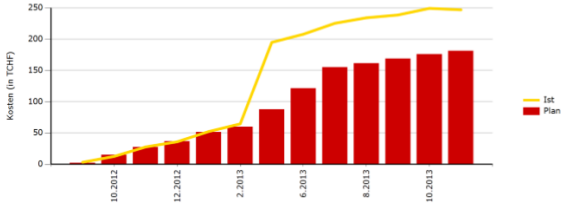
Kosten pro Projektphase (kumuliert seit Projektstart)

Freigabe	Projektphase	Geplantes Enddatum	Erwart. Enddatum	IST	Forecast	GL PPA Freig.
TM	Initialisierung	23.12.14	23.12.14			
TM	Analyse	14.06.13	17.01.14	178	60	98
AG	Konzept	14.06.13	17.01.14	122	122	168
	Total			300	181	266
EL Capex immat				0	0	0
EL Capex mat				0	0	0
EL Opex				163	95	130
FL Capex immat				0	0	0
FL Capex mat				0	0	0
FL Opex				137	86	136
Total				300	181	266

Projektspezifische Meilensteine

Freigabe	Meilenstein	Geplantes Enddatum	Erwart. Enddatum	Status
TM	Freigabe Projektauftrag	13.08.12	13.08.12	E
AG		11.03.13	06.05.13	E
AG		25.03.13	25.06.13	E
AG	Grobkonzept bereit für Review	20.05.13	29.11.13	E
AG	Grobkonzept abgenommen	01.06.13	08.01.14	E
TM	.....	14.06.13	17.01.14	X

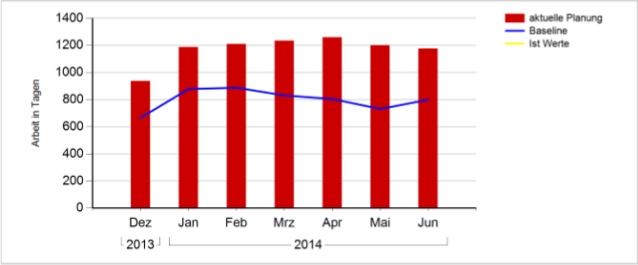
CR ID	TM Datum	Change betr.	Status
C12.1CR01	25.02.13	Kosten Zeit Ressourcen	✓



TPG YOUR PROJECT EXPERTS

Ressourcenreport freigegebene A- und B-Projekte

Stand: March 2014
Bericht erstellt: 12.03.2014



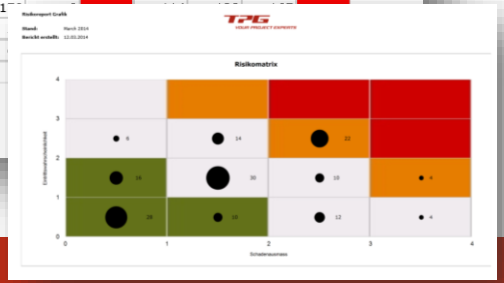
Erläuterung:
Dieser Report vergleicht die aktuelle Ressourcenplanung mit den tatsächlich erfassten IST-Stunden aller freigegebenen A- und B-Projekte.

BL: die sog. Baseline spiegelt die Ressourcenplanung gem. Projektauftrag oder Change Request gem. MS Project wider
AP: beinhaltet die aktuelle Ressourcenplanung eines Projektes gem. MS Project
IST: beinhaltet die tatsächlich durch die Projektmitarbeiter rapportierten Zeiten gem. SAP. Es werden nur die bis zum Zeitpunkt der Abrechnung (CATS-Lauf) erfassten und ggf. genehmigten Stunden interner Mitarbeiter berücksichtigt.

Brechnung des Status:
Status grün: <= +/- 5 Tage oder <= +/- 10%
Status gelb: > +/- 5 Tage oder > +/- 10% bis <= +/-20%
Status rot: > +/- 5 Tage oder > +/- 20%

		2013				2014							
		Dez				Jan				Feb			
ID	Projektname	BL	AP	IST	Status	BL	AP	IST	Status	BL	AP	IST	Status
A100		93	95	51		179	159	0		191	172	129	
A101		83	111	143		104	54	0		99	52	161	
A102		0	91	53		269	248	0		256	236	56	
A103		95	111	73		122	1						
A106		0	21	19		6							
A107		24	67	8		0							
A109		16	12	9		16							

Seite 1 von 5



YOUR PROJECT EXPERTS

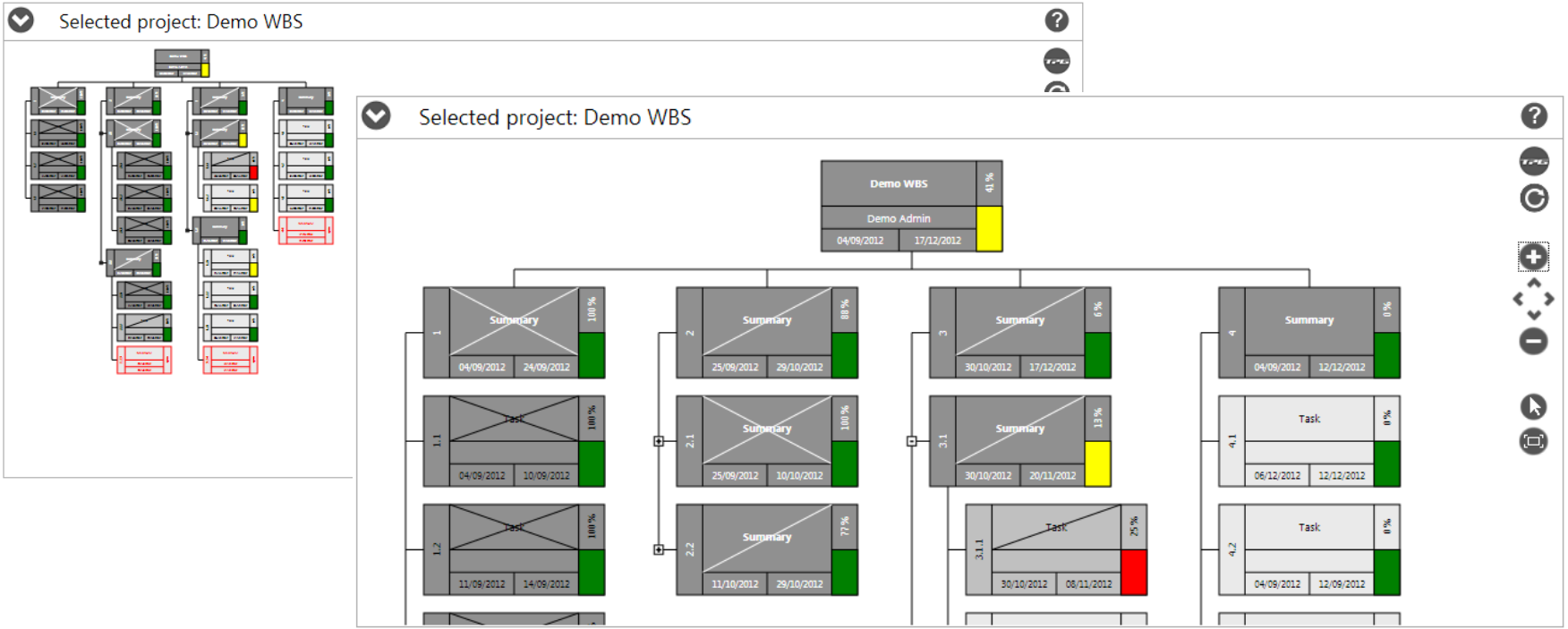
TPG Apps für Sharepoint

Microsoft Partner
Gold Application Development
Gold Project and Portfolio Management
Gold Business Intelligence

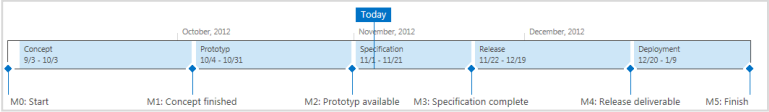
SAP® Certified
Integration with SAP Applications

Project Management Institute
Registered Education Provider

TPG WBS Chart



TPG MTA Chart



MTA Snapshots

new item or edit this list

All Items

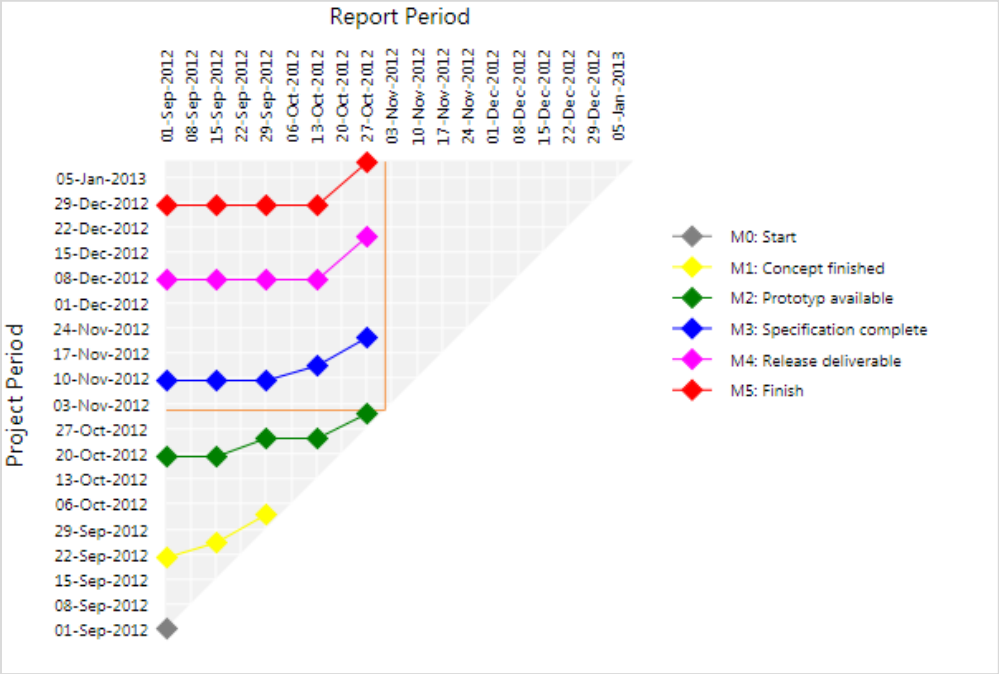
Title
Snapshot Demo
Snapshot Demo
Snapshot Demo
Snapshot Demo
Snapshot Demo

MTA SnapshotData

new item or edit this list

All Items Edit Data Find an item

Title	StartDate	SnapshotUid
M0: Start	8/31/2012 9:00 PM	8B869BCF-E843-6E51-0988-F0F562F3D3BE
M1: Concept finished	9/21/2012 6:00 AM	8B869BCF-E843-6E51-0988-F0F562F3D3BE
M2: Prototyp available	10/19/2012 6:00 AM	8B869BCF-E843-6E51-0988-F0F562F3D3BE
M3: Specification complete	11/9/2012 7:00 AM	8B869BCF-E843-6E51-0988-F0F562F3D3BE
M4: Release deliverable	12/7/2012 7:00 AM	8B869BCF-E843-6E51-0988-F0F562F3D3BE
M5: Finish	12/28/2012 7:00 AM	8B869BCF-E843-6E51-0988-F0F562F3D3BE
M0: Start	8/31/2012 9:00 PM	F6313F0F-9083-1E17-C0BF-864FE6DF8310
M1: Concept finished	9/25/2012 6:00 AM	F6313F0F-9083-1E17-C0BF-864FE6DF8310
M2: Prototyp available	10/19/2012 6:00 AM	F6313F0F-9083-1E17-C0BF-864FE6DF8310
M3: Specification complete	11/9/2012 7:00 AM	F6313F0F-9083-1E17-C0BF-864FE6DF8310
M4: Release deliverable	12/7/2012 7:00 AM	F6313F0F-9083-1E17-C0BF-864FE6DF8310
M5: Finish	12/28/2012 7:00 AM	F6313F0F-9083-1E17-C0BF-864FE6DF8310



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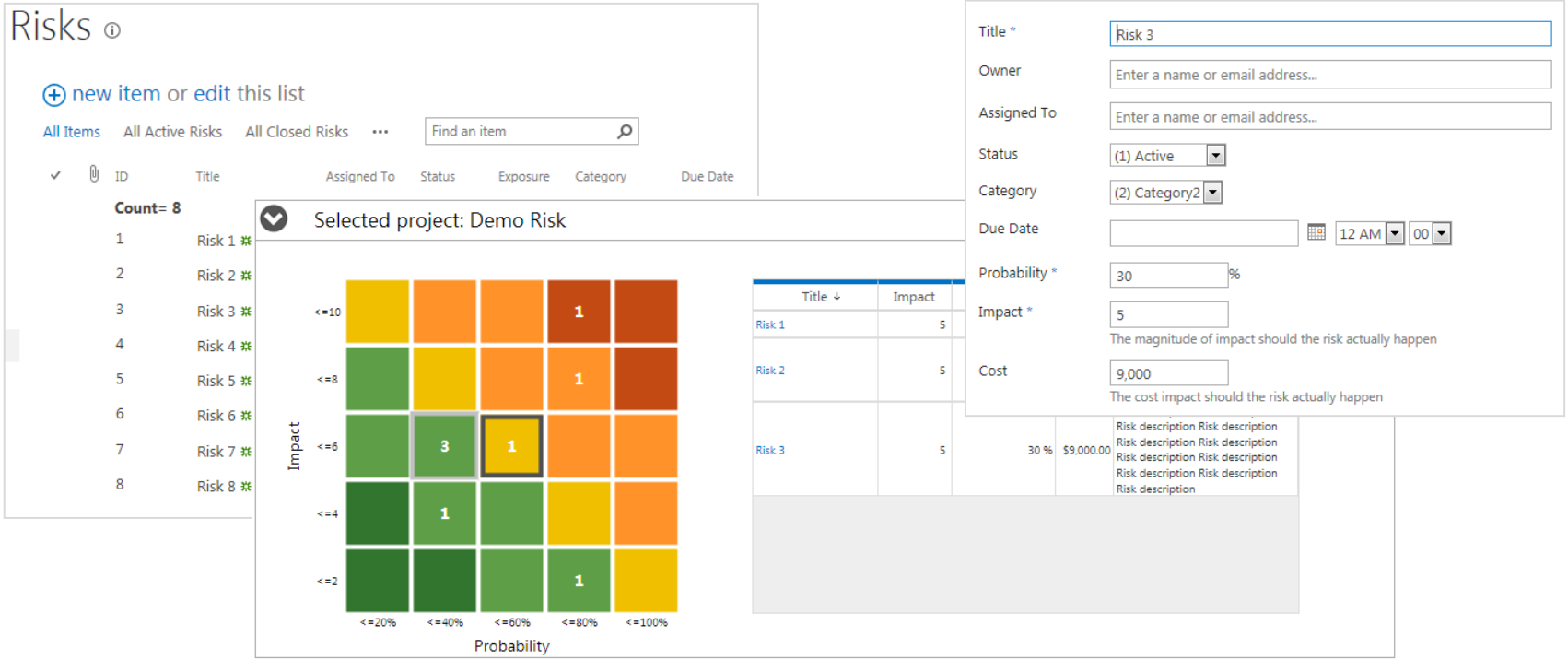
TPG Risk Chart



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Vielen Dank für Ihre Aufmerksamkeit!

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Für Rückfragen steht Ihnen gerne
unser TPG Team heute zur Verfügung.

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