

# Webinar

## Microsoft Project Server 2019 – why and how to migrate?

with Dr. Thomas Henkelmann



# Agenda

- Overview of changes
  - Availability & End of Support
  - Compatibility Client & Server
  - System Requirements
  - Migration
  - What's new in Client & Server
- Demo Resource Engagements
- Product Roadmap from Microsoft

# Overview of changes



# Availability & End of Support



- RTM (the final version) is available since 3 weeks
- Product launch will be end of November
  
- Project Server 2016 / 2019 is a feature in SharePoint 2016 / 2019
  
- End of Mainstream Supports (Extended Support adds 5 years)
  - Project Server 2013: April 2018
  - Project Server 2016: July 2021

Source: <https://support.microsoft.com/en-us/lifecycle/search?alpha=Project%20Server>

# Compatibility Client & Server



- Project Server 2016
  - Project Professional 2013
  - Project Professional 2016
  - Project Professional 2019
  - Project Online Desktop Client
  
- Project Server 2019
  - Project Professional 2016
  - Project Professional 2019
  - Project Online Desktop Client

Source: <https://docs.microsoft.com/en-us/Project/software-requirements-for-project-server-2019>

# System Requirements



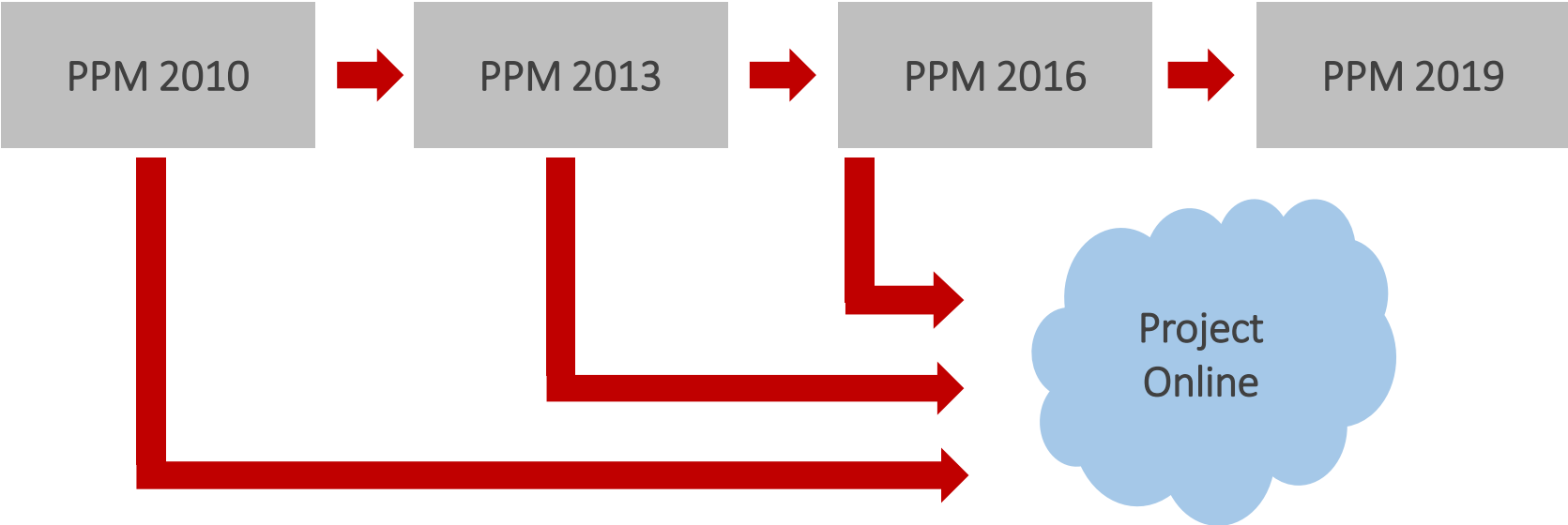
- Project Server 2016
  - Windows Server 2016 Standard or Datacenter
  - Windows Server 2012 R2
  - 64-bit edition of SQL Server 2014 with Service Pack 1 (SP1)
  
- Project Server 2019
  - Windows Server 2016 Standard or Datacenter
  - Windows Server 2019 Standard or Datacenter
  - 64-bit edition of Microsoft SQL Server 2016

Source: <https://docs.microsoft.com/en-us/Project/what-s-new-for-it-pros-in-project-server-2019#Req>

- No in-place migration possible
- Requires installation of the next version and physical copies of the database(s)
- 2010 → 2013 → 2016 → 2019
  
- Migration to Project Online
  - Manual migration of project and resource data
  - But what about all settings, lookup tables, custom fields, views etc.?
  - Tools are available, but not from Microsoft
  - Looks like this could be the LAST migration...

Source: <https://docs.microsoft.com/en-us/Project/overview-of-the-project-server-2019-upgrade-process>

# Migration paths



# What needs to be migrated?



- **The entire system**
  - Configuration
  - Projects
  - Resources
  - Time sheet data
  - Reports
  - Workflows
  - Project Sites
- **Or only parts of it**
  - Good opportunity for cleanup (obsolete fields, reports, security settings etc.)
  - And for archiving of closed projects

- **Microsoft Project Server Standard Migration**
  - Version by version 2010 → 2013 → 2016 → 2019
  - Requires a technical installation of all versions: Infrastructure!
  - Migration on database level: attach a copy of the database to the „next“ product version
  - Takes between hours and days
  - After every step we recommend checks for data quality and completeness → may cause additional effort for corrective actions
  - Reports ALWAYS require manual adjustment because the data model changes from version to version
- **Customer specific considerations**
  - Each version adds or deprecates specific functionality
  - BEFORE migration starts, a discussion about this is needed
  - May lead to a stepwise migration (scripting) of configuration, master data (e.g. resource pool) and selected projects

- Any version from 2010 on can be migrated directly to Project Online.  
**There is NO standard migration by Microsoft to Project Online!**
  - But there are different partner solutions for migration
  - Partly a distinction is made between the migration of PPM data and SharePoint content
  - The “best” depends on the required content in the new system
- **Advantage: this is the LAST Migration**
  - Updates in Project Online are automatically installed for both the Server and the Project Professional Client (click-to-run)
  - Limited control on update dates
  - Possibility to pre-evaluate changes in a TEST or QA environment and prepare for rollout

## Third party tools



- **FluentBooks**
  - Read and write multiple PPM versions
  - Documentation of settings and configuration
  - Compare and update changes during operations
  - Uses its own data format for storage of data for migration
  - Licensing depends on number of PWA sites
- **TPG EasyECF**
  - TPG internal Tool to read and write all custom fields and lookup tables between systems
  - Creates system documentation in XML and Excel
  - Data can be changed between migration steps
- **Metalogix**
  - Migration of SharePoint data (documents with meta data and versions, lists, workflows)
- **AvePoint**
  - Save and restore PWA content, also between sites and tenants

**Survey:  
Do you plan a migration?**



**What's new?**



# What's new in the Server



- Project Server 2016
  - Resource Engagements
- Project Server 2019 – “Copy” of Project Online as of May 2018
  - Team can be added from multiple employees
  - Configure data granularity (days, month, years) for time phased data
  - More options for notifications
  - Configurable and unique Project IDs at project creation
  - 450 user defined fields and lookup tables
  - Resource Engagement API

Source: <https://docs.microsoft.com/en-us/Project/what-s-new-for-it-pros-in-project-server-2019>

Updates: <https://blogs.technet.microsoft.com/projectsupport/2018/07/26/project-and-project-server-july-2018-updates-released/>

# What's new in the Client



- Project Professional 2016
  - Resource Engagements
  - Multiple time lines
- Project Professional 2019
  - Column for related summary task name
  - Select predecessor and successor from value list
  - Percent complete in the Timeline
  - Labels for time lines
- Project Online Desktop Client
  - Same as 2019
  - Agile functions
  - Connects to Microsoft Planner

# Demo Resource Engagements



**Demo**  
**Agile Functions**  
(Project Online Desktop Client only)



# Microsoft Product Announcements from Ignite 2018



Office 365 | Project

## Hallo Johann Strasser

[Neu erstellen](#)

### Favoriten

**eBook Ressourcenmanagemet**  
Letzter Zugriff vor wenigen Sekunden

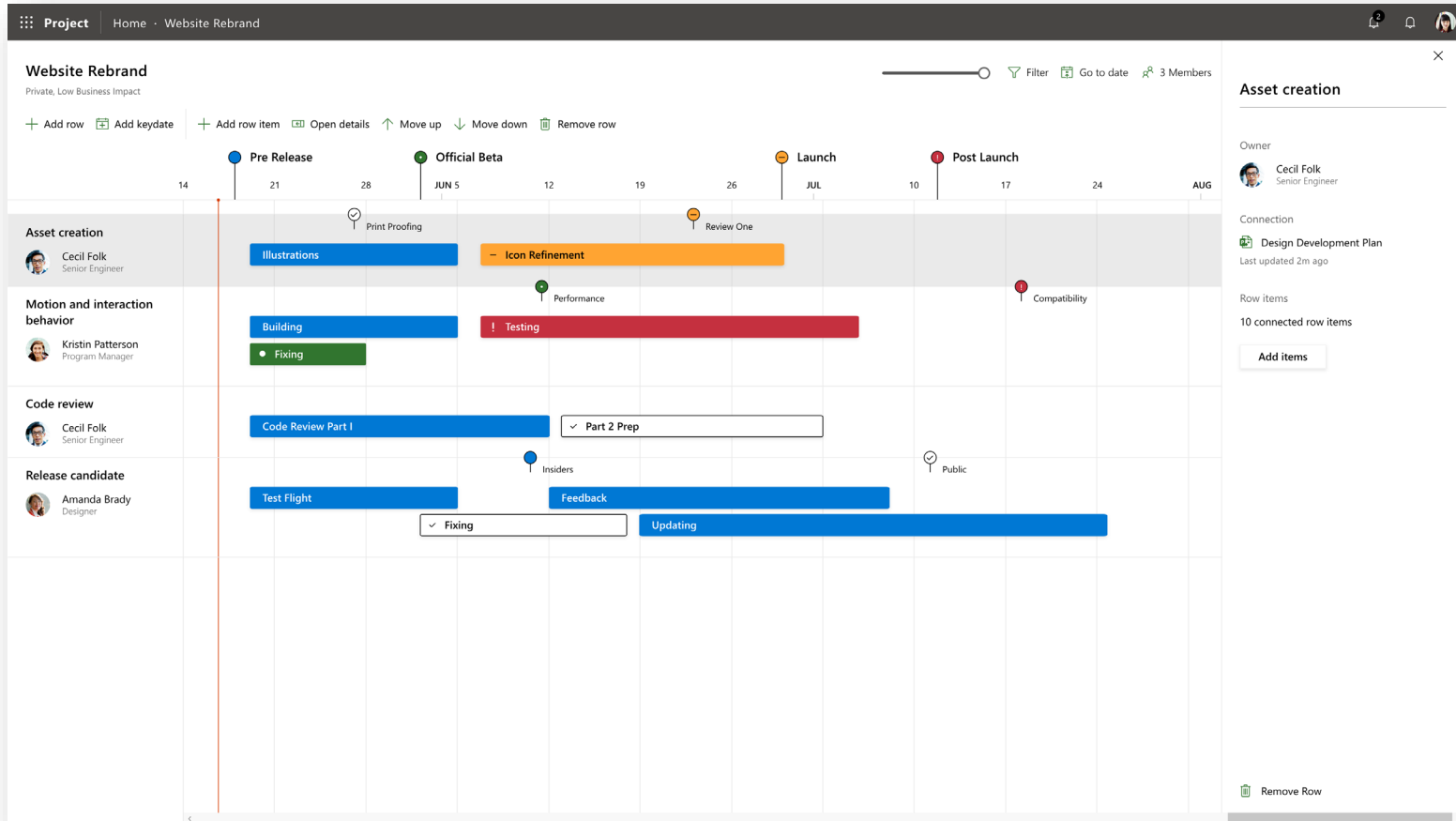
**Azure migration of PPM products**  
Letzter Zugriff vor mehreren Minuten

### Zuletzt verwendet

Name	Typ	Letzter Zugriff von Ihnen
Analysis of O365 Security	Project	Vor wenigen Sekunden
Vorbereitung Webinar 10 2018	Project	Vor mehreren Minuten
_Portfolio New Products	Project	Vor mehreren Minuten
_Portfolio Governance and Regulatory	Project	Vor mehreren Minuten
Test JS	Project	Vor mehreren Stunden

[Zur Project Web App wechseln](#) ->

# Roadmap



# Roadmap Features



- Top-down planning and creation of new programs and projects
- Can be linked to details from Project Online with updates back to *Roadmap*
- More sources to come: PSA, Azure DevOps (aka VSTS), Planner, Jira
- Not built on SharePoint
- Uses O365 Groups for access and security

## New user experience



- Not based on SharePoint
- Modern lists and libraries
- More like “Planner” and “Teams”

# Modern UI

Project

Contoso Office Relocation

Private | Confidential

Board Grid Gantt Team ...


Members Filter Group by Due Date

### Planning the Move

- Crucial** Calculate moving expenses
- Create a moving-expense receipt file
- Create a moving binder

### Finances and Insurance

- Mobile** Review household finances




Moving Expenses.pptx

- Calculate moving expenses
- Appraise valuables specifically insured for the move
- Transfer insurance policies to your new address

Amanda Brady

Elvia Atkins

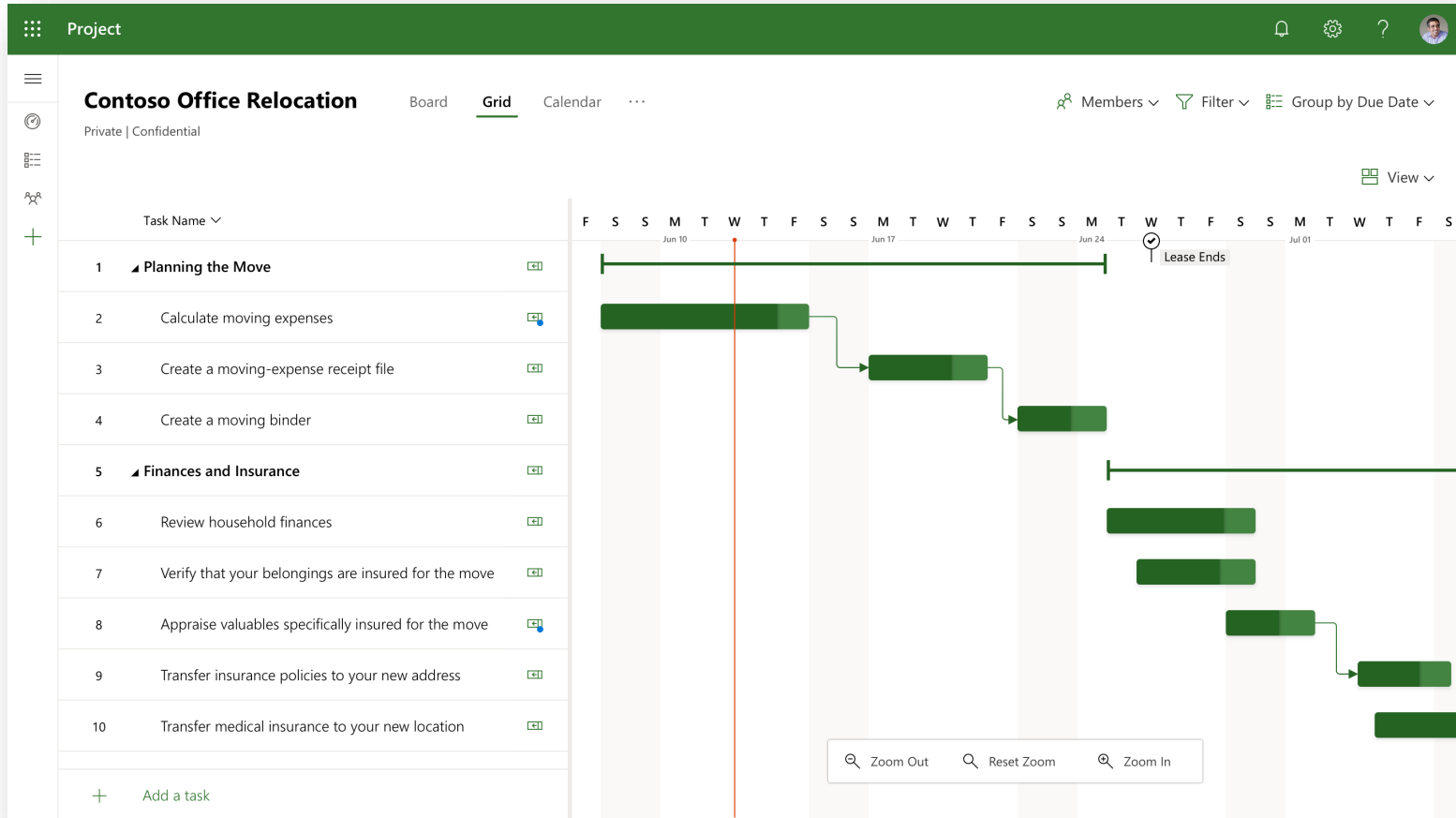


Moving Costs.xls

- Share out moving costs with team

08/10 2 4/5

# Modern UI



# Project Service



- New O365 service “Project” developed from scratch
- May be used in parallel to Project Online.
  - But a full transition to the new service is very likely
- New Scheduling Engine
- Dynamics 365 “[Universal Resource Scheduling](#)”
- Co-authoring (multiple users make changes to a schedule)
- New backend: Common Data Service (CDS)
- Licenses (also existing ones) may be used for the “Project” service

TPG Blog: <https://www.theprojectgroup.com/blog/en/new-project-announced/>

# License requirements



## Project Online

### Essentials

### Professional

### Premium

Project task, status & timesheet



**Project Home\***



Project management with desktop app



Project management with Project Online  
(PWA or **new Project service\***)



**Roadmap\***



Program & portfolio management  
with desktop app or Project Online (PWA)



\*Red denotes announced capabilities



**Your questions...**