Virtual Reality and AI will maximize the impact of the Project Manager

ERIK VAN HURCK, SENIOR PPM CONSULTANT & MICROSOFT MVP
MICROSOFT

What will this session cover?

Introduction

Agile, hybrid and other trends

Showcase: AI and BOT technologies

Showcase: Virtual PMO

Q&A

Erik van Hurck

Senior PPM consultant & Microsoft MVP

9 years with Project, Portfolio Management & Microsoft technologies

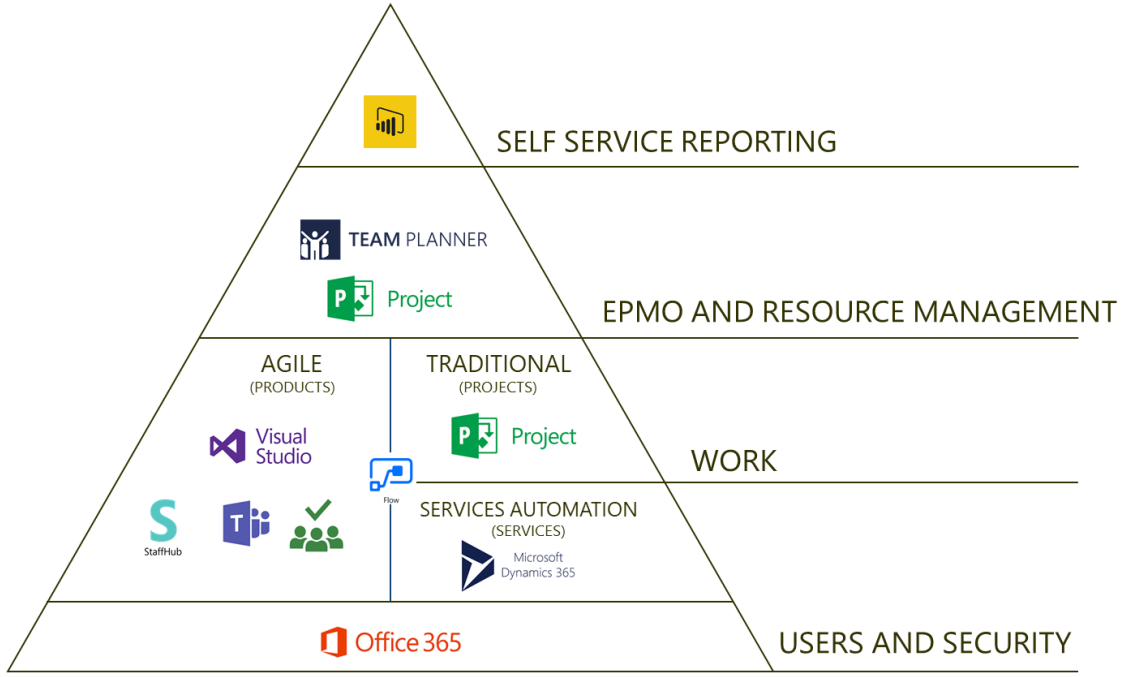
#Passion
Building Project and portfolio solutions based on the Microsoft ecosystem.
Educating users of the solutions
Sharing my passion

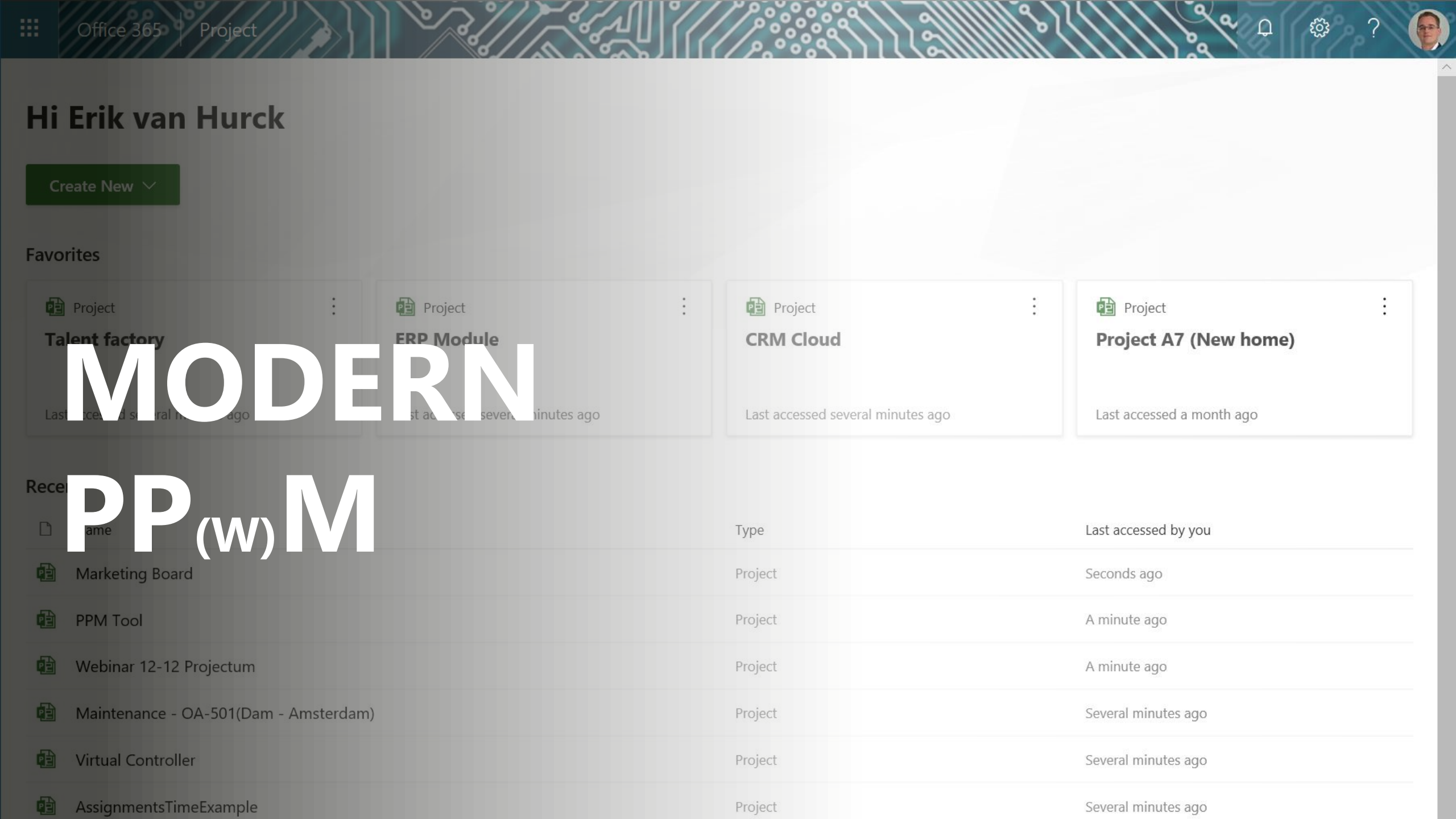
#Education
Bachelor of Commercial Economics

#Blogger & Vlogger
The Project Corner blog
and YouTube channel

MVP
Microsoft®
Most Valuable Professional

The modern PPM and Work management



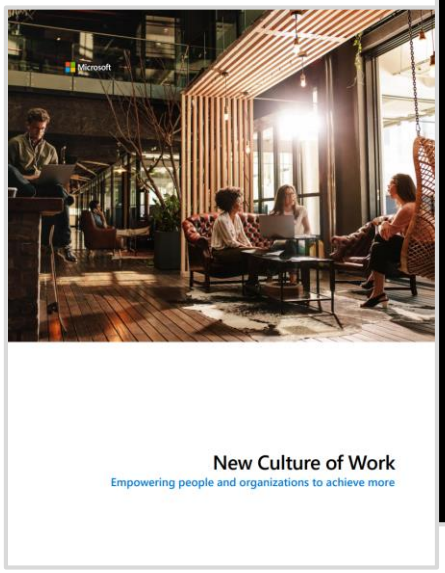

Office 365
Project
Hi Erik van Hurck
Create New
Favorites
Project
Talent factory
Project
ERP Module
Project
CRM Cloud
Last accessed several minutes ago
Project
Project A7 (New home)
Last accessed a month ago
MODERN
PP(W)M
Name
Type
Last accessed by you
Marketing Board
Project
Seconds ago
PPM Tool
Project
A minute ago
Webinar 12-12 Projectum
Project
A minute ago
Maintenance - OA-501(Dam - Amsterdam)
Project
Several minutes ago
Virtual Controller
Project
Several minutes ago
AssignmentsTimeExample
Project
Several minutes ago

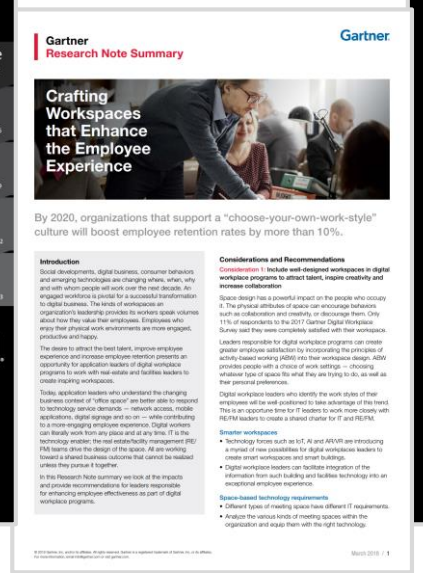
THE NEW MICROSOFT MISSION

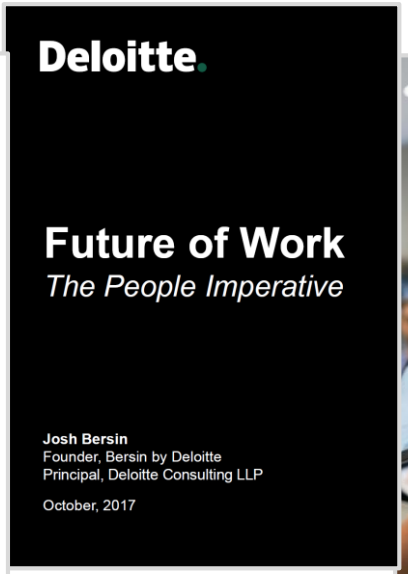
Teams work the way they want
Executives get the results they need

Microsoft Project & Portfolio Management empowers companies to achieve better results by aligning investments with projects and resources, working with agility and flexibility, and collaborating globally—all using intuitive, consistent tools in the Microsoft Cloud.

WORK AND COLLABORATION TRENDS







YOU HAVE WAY MORE TEAMS THAN YOU HAVE PROJECTS

…BUT ALL TEAMS WORK ON SOMETHING!

FUTURE OF STRATEGY EXECUTION AND WORK

Gartner, Predicts 2018: PPM Leaders…
PMI. "Pulse of the Profession 2017."
Deloitte. "Transitioning to the future of work…"
Gartner. "2017 Survey Analysis: PPM Leadership…"
ISACA. "State of Cybersecurity 2017."

50% of companies will integrate IT PMOs into EPMO hubs by 2021[1]

71% of companies use agile methods for managing projects[2]

50% of the workforce will comprise millennials by 2020[3]

79% of companies need cross-functional collaboration[4]

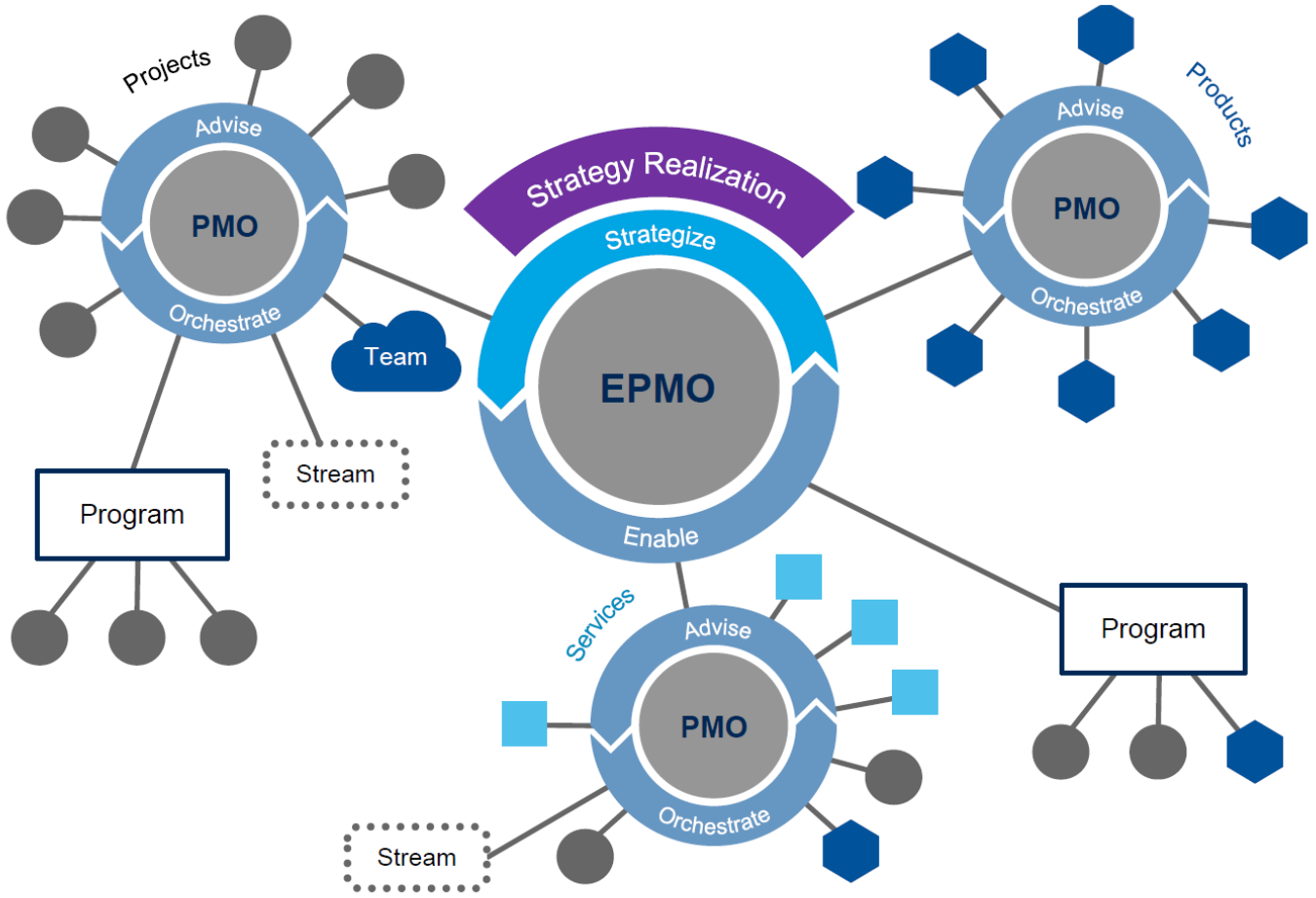
80% of businesses think a cyber attack is likely in the coming year[5]

Modern companies…

- **Centralize** investments for more visibility
- **Adapt** to modern work styles
- **Enable** millennials, accidental PMs
- **Collaborate** to help teams get more done
- **Innovate** using an enterprise cloud

- **Invest intelligently**
- **Manage flexibly**
- **Work intuitively**
- **Collaborate globally**
- **Innovate confidently**

ITS MORE THAN JUST PROJECTS



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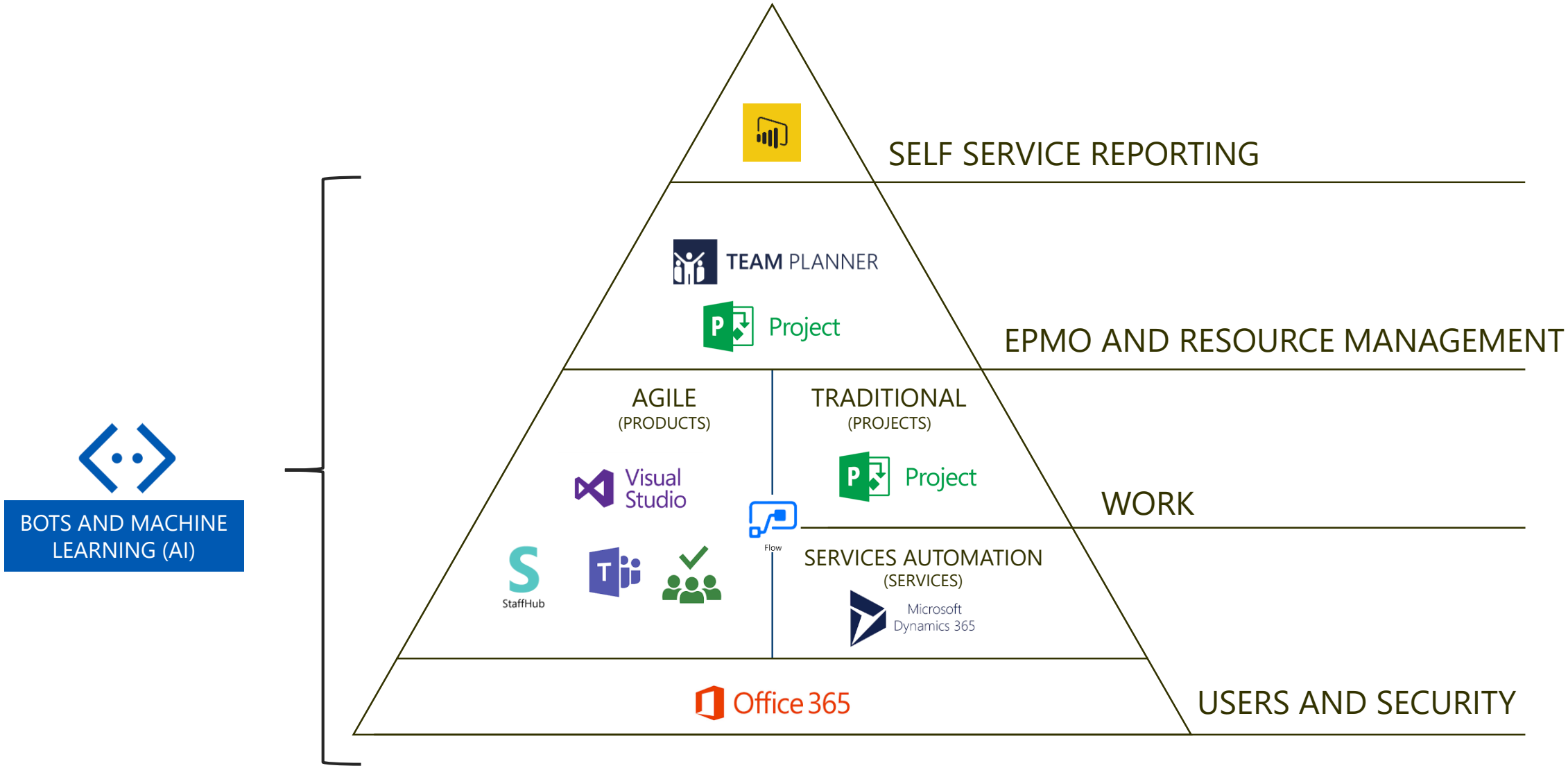
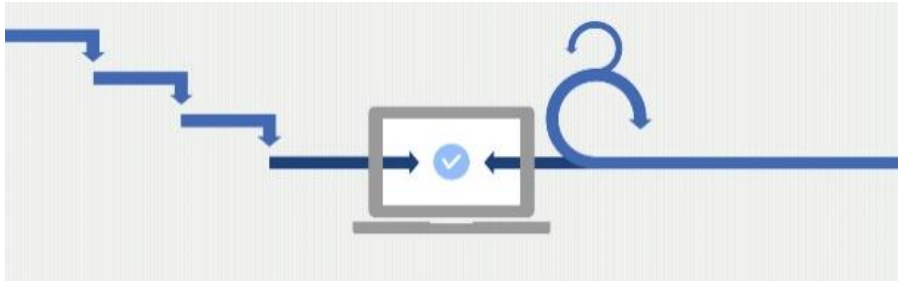
Gartner

Empowering teams to do more



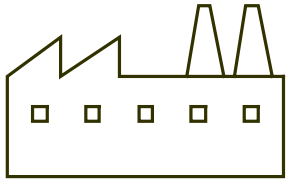
Agile, Waterfall

The trends



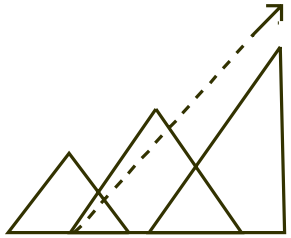
Project, Portfolio or Digital Office?

Traditional PPM

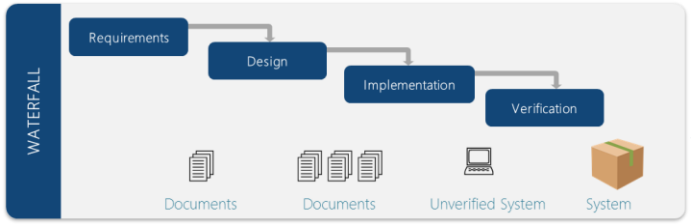


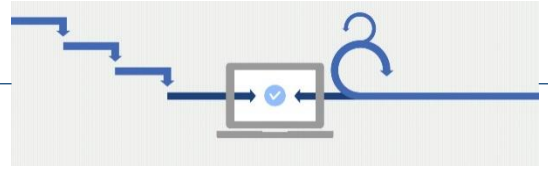
1. Centralized control
2. Project overload
3. Detailed project plans
4. Centralized annual planning
5. Work breakdown structure
6. Project-based funding and control
7. Waterfall milestones

Lean-Agile Approach

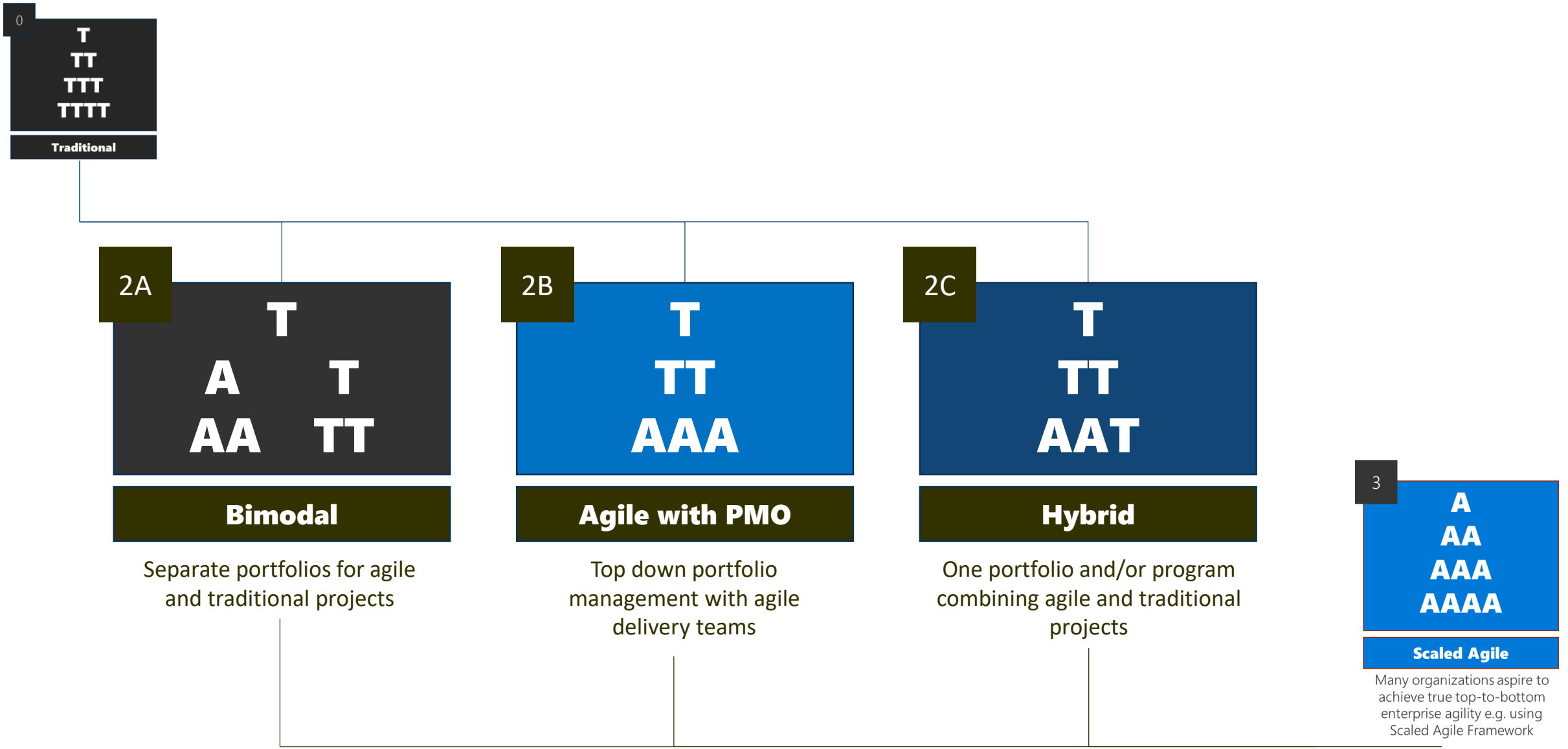


1. Decentralized decision-making
2. Demand management and continuous value
3. Epic only business cases
4. Rolling-wave planning
5. Agile estimating and planning
6. Agile budgeting and release trains
7. Objective and fact-based measures





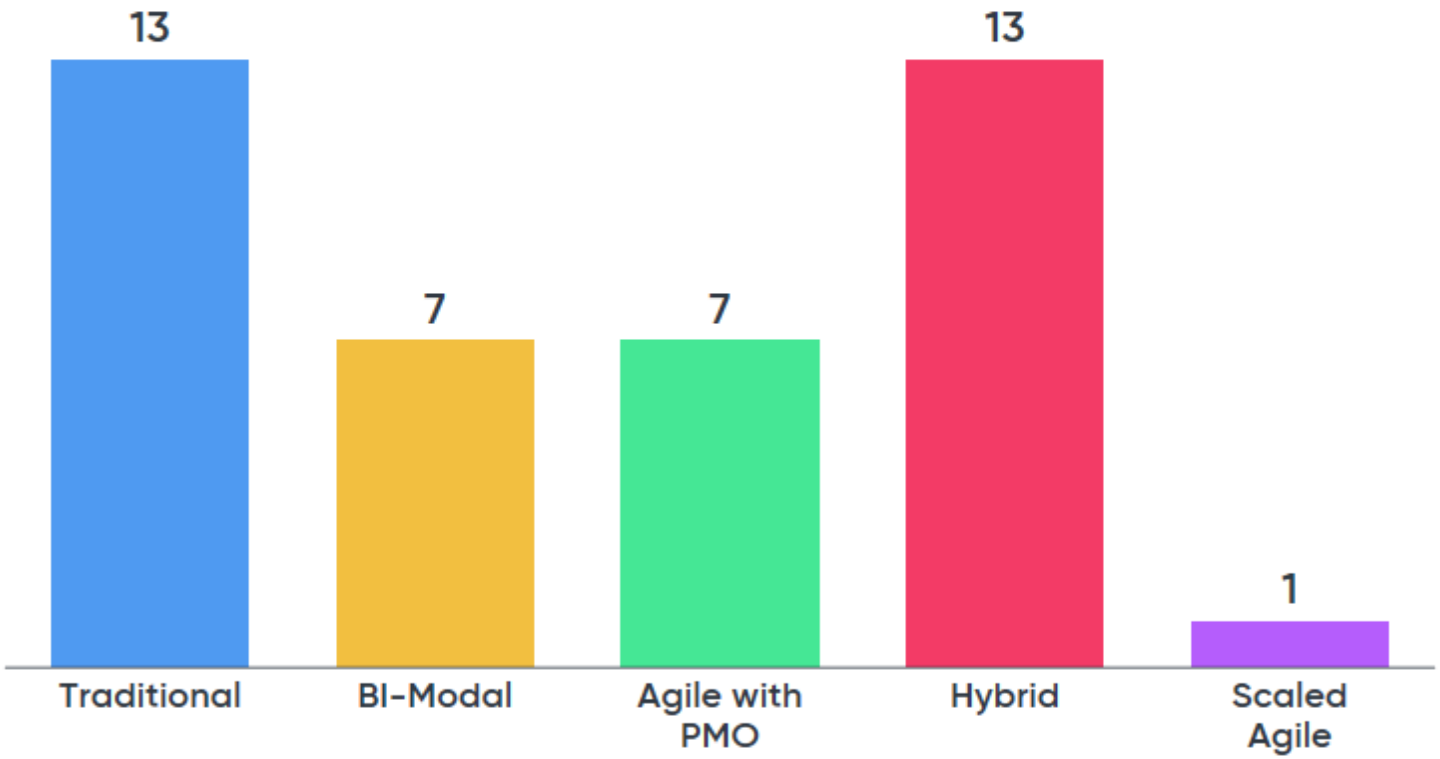
Organizational PPM by Design



Go to **www.menti.com** and use the code **84 12 30**

What type of organization are you?

Mentimeter



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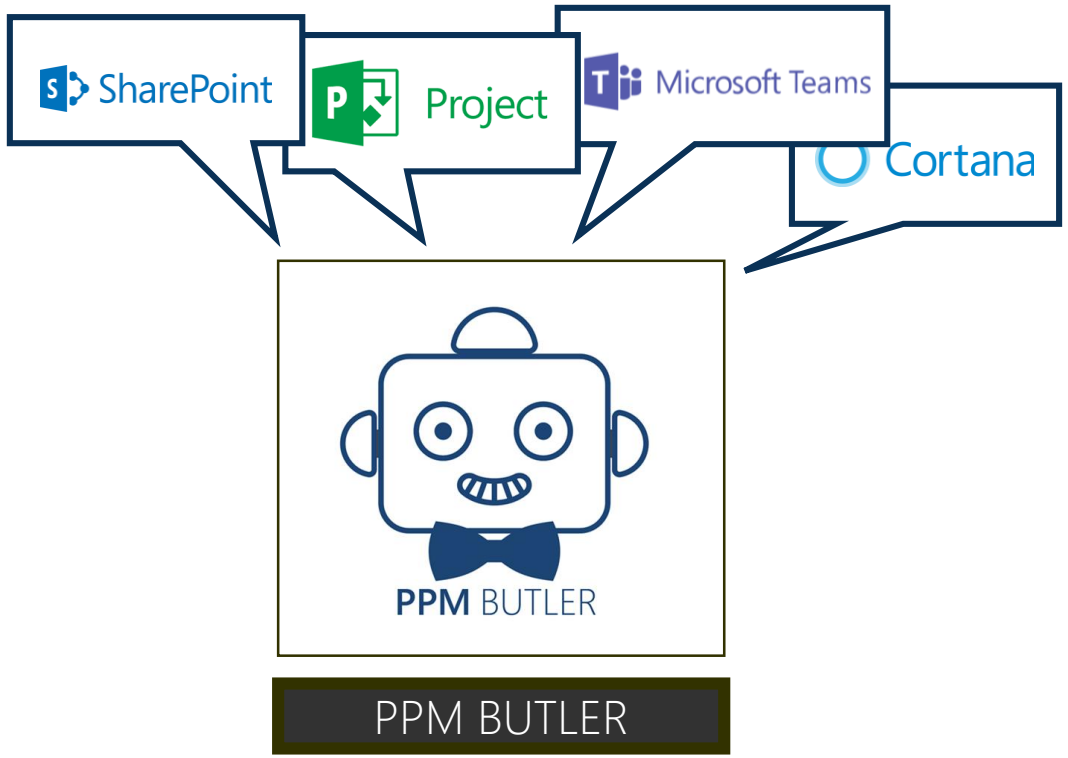
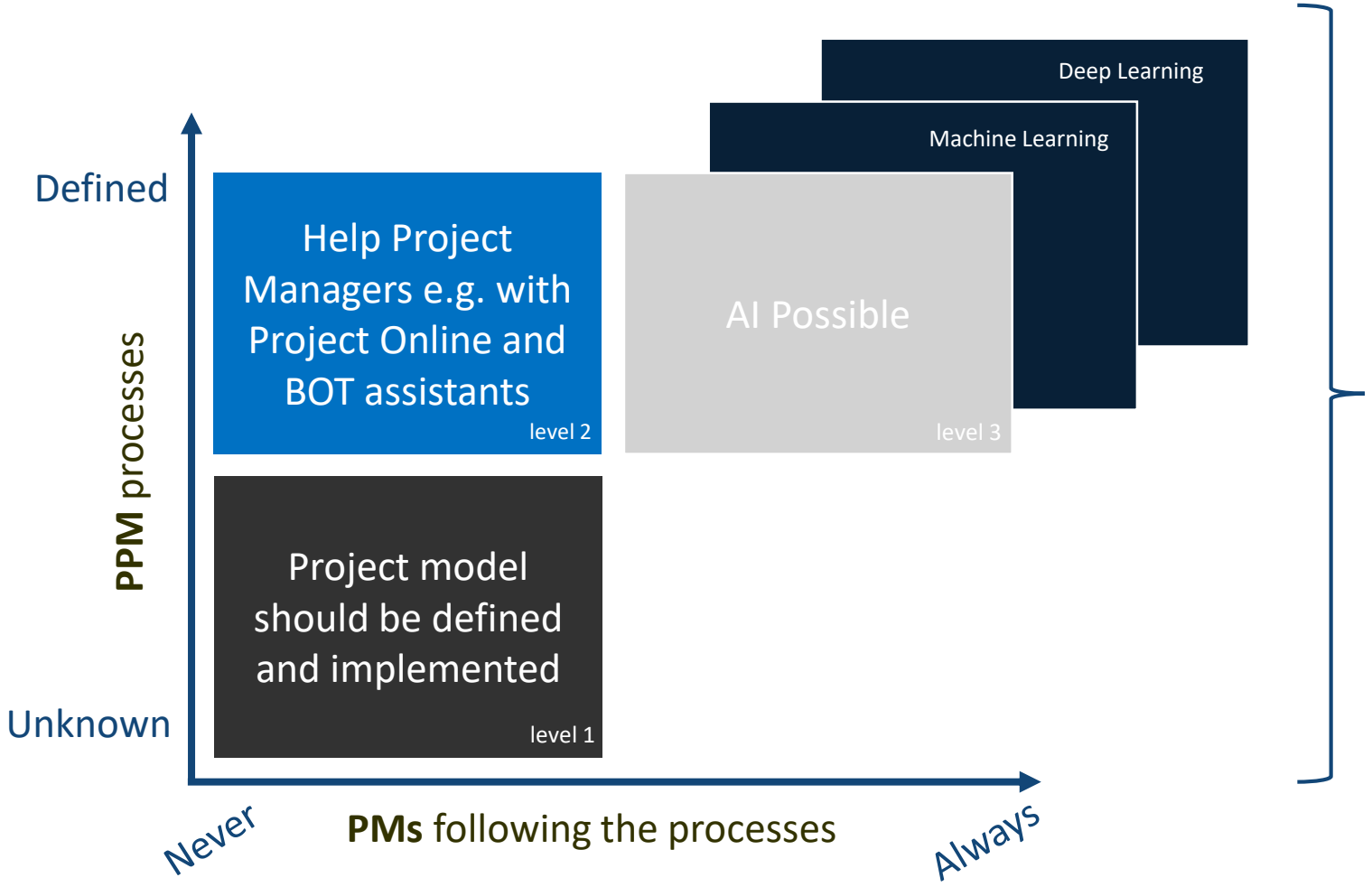
Artificial Intelligence BOT’s



Journey from **PPM Anarchy** to **Structure** to **AI**

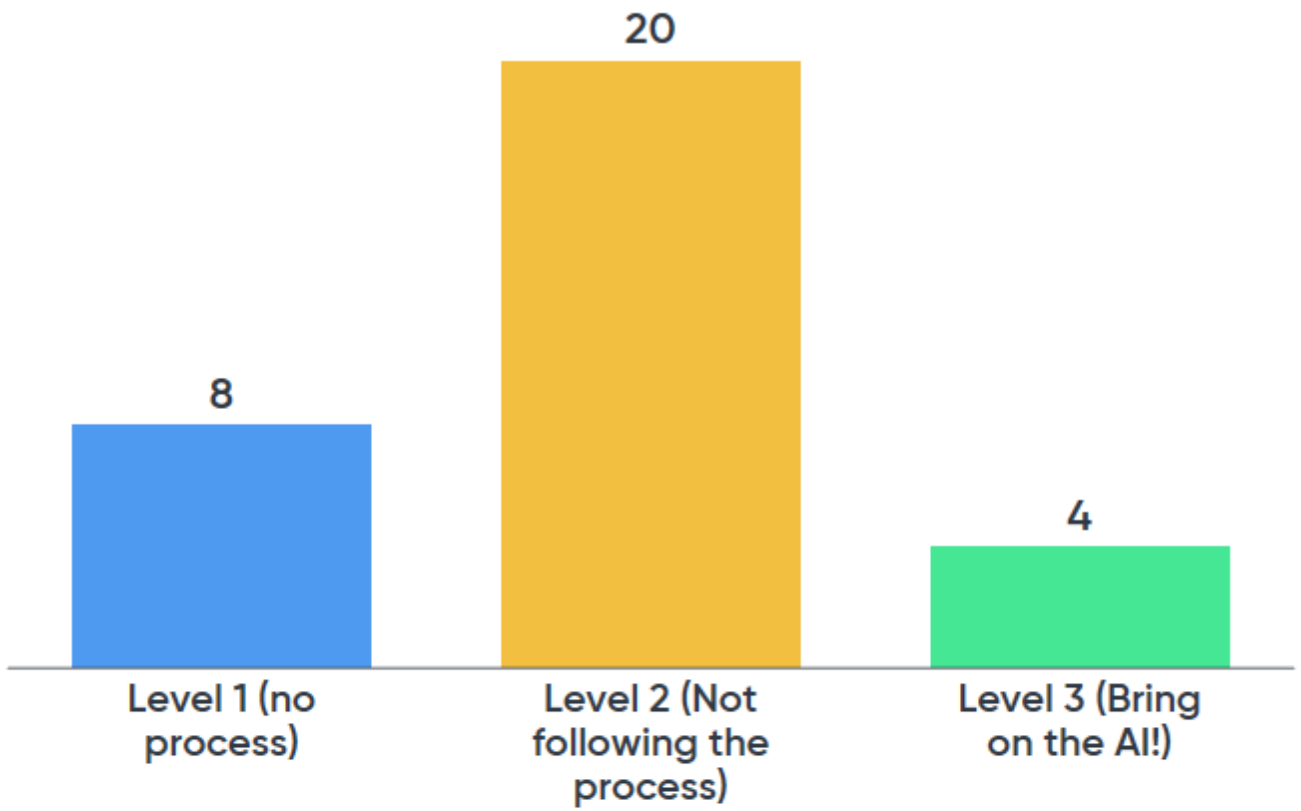


Ground rules must be established, and followed, before AI can deliver the **optimal PPM tactic**

Go to **www.menti.com** and use the code **71 12 17**

At what level are you?

Mentimeter



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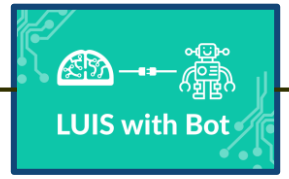
Source: https://www.mentimeter.com/s/123373bbb3878c004354689c5fcdb1c2/86715fd93d80

Web Viewer Terms | Privacy & Cookies

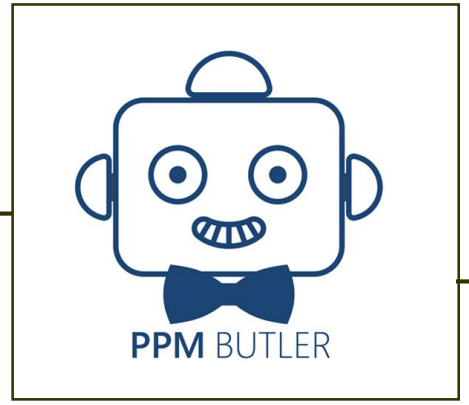
Edit

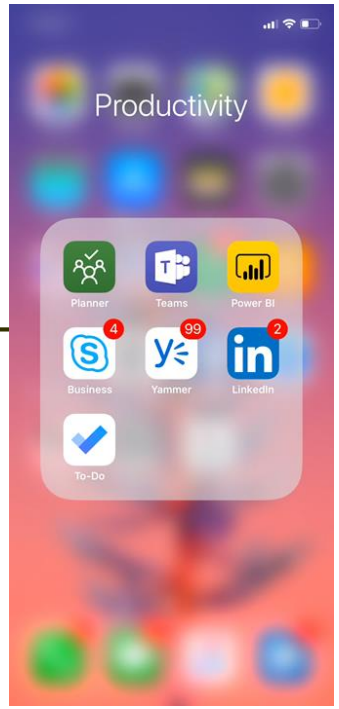
It is a best practice to use only as many intents as you need to perform the functions of your app.

If you define too many intents, it becomes harder for LUIS to classify utterances correctly.



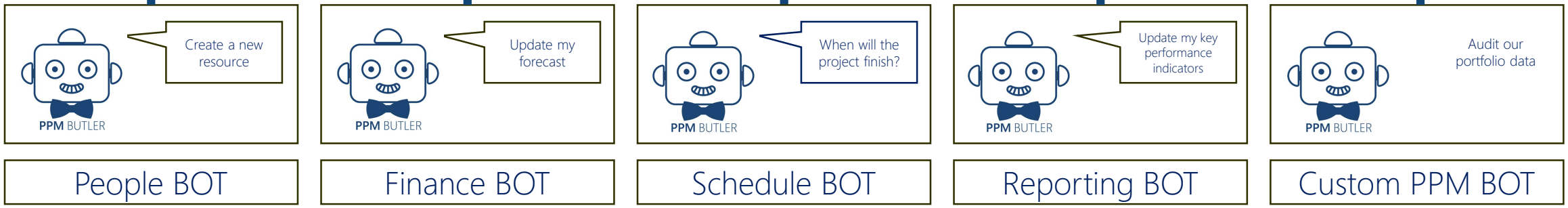
What is the **primary** intent?



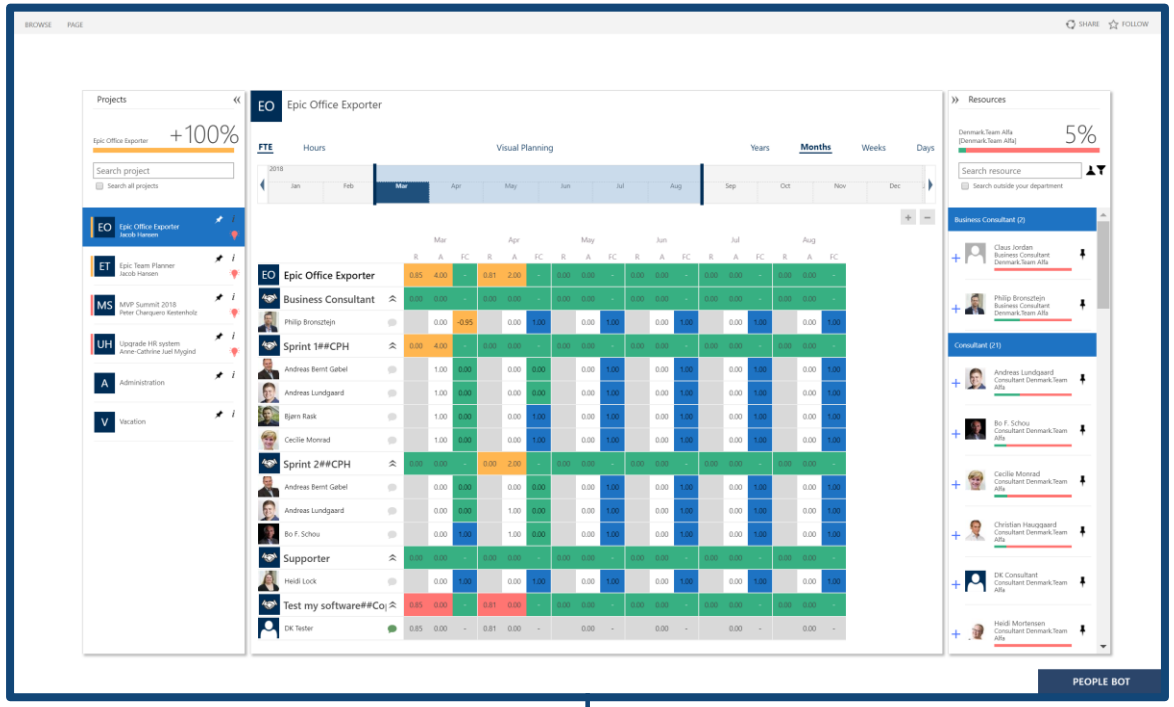


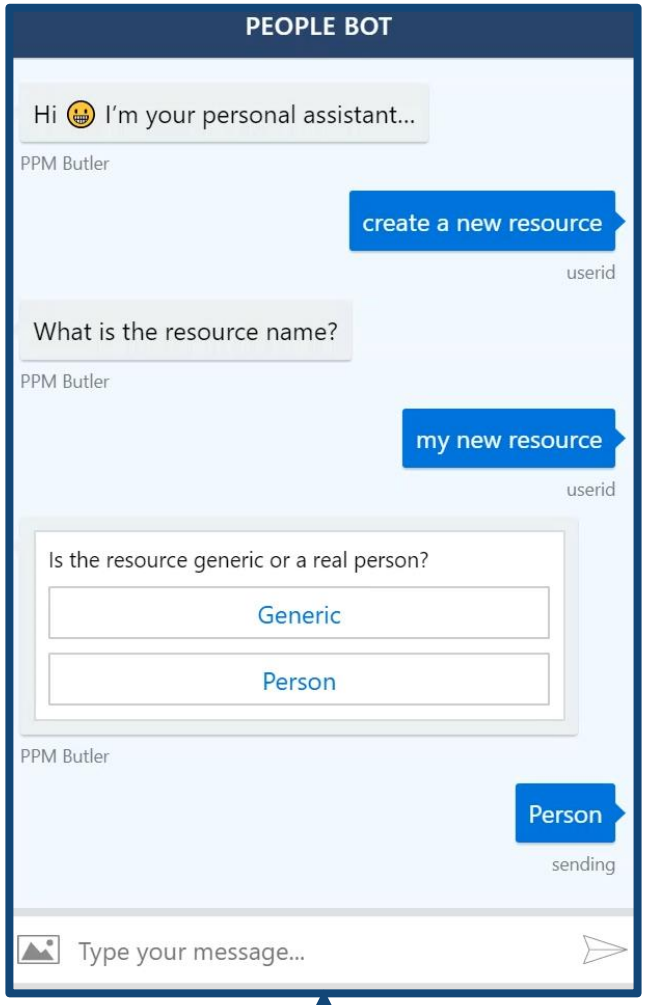
PPM BUTLER

Send request to **relevant** service BOT



Removing Friction





Accessible Insights

Remove Friction

PPM BOT Actions and Roadmap

PPM BUTLER

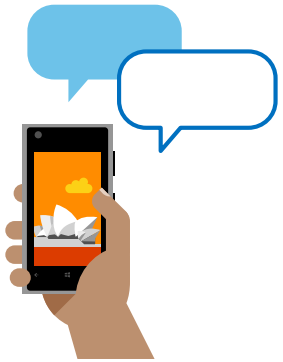
Supported

- Create projects
- Update KPIs
- Create resource
- Add a new task
- Request resource
- Predict finish date
- Import tasks from template

In progress

- Prepare for status meeting
- Create status report (w/office exporter)
- Close project
- Create risks and issues
- Update timesheet
- Snapshot project
- Audit portfolio data

Showcase flow

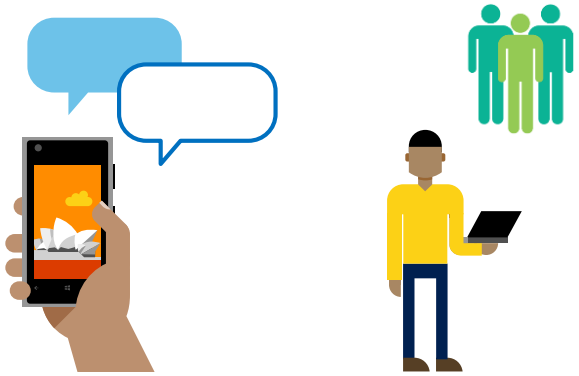


Chatbot | Mobile

Create a new project

projectum
consulting | products | training

Showcase flow

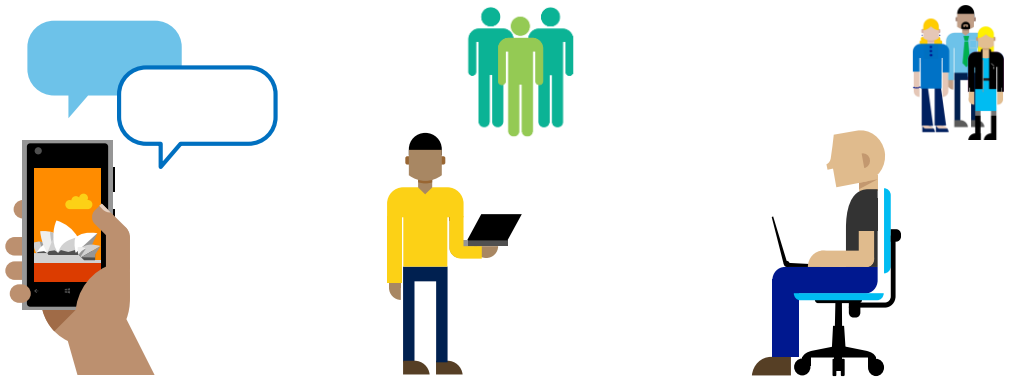


Chatbot | Web

Requesting a resource

projectum
consulting | products | training

Showcase flow



Team Planner | Web Chatbot

Allocation and New Hire

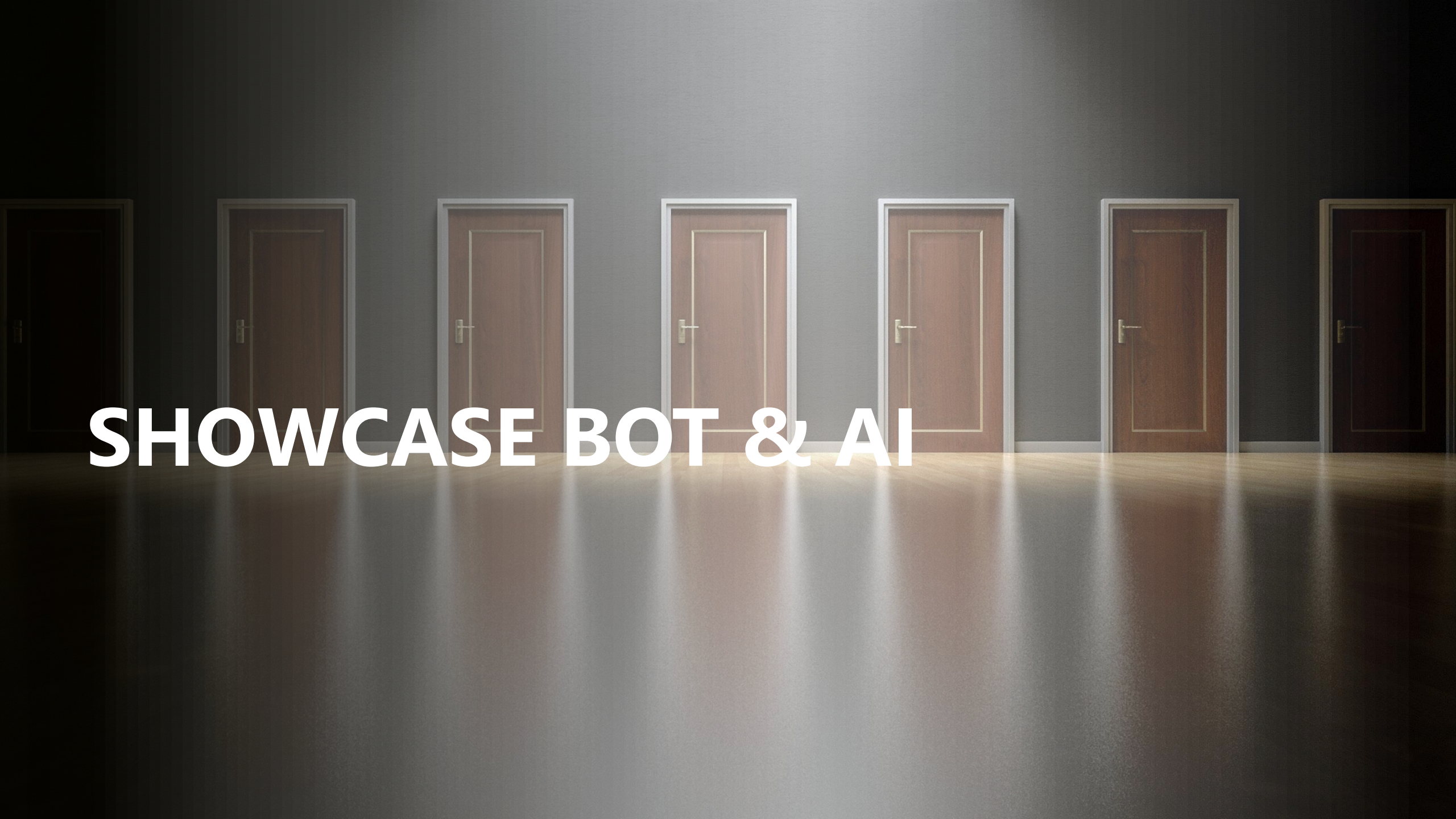
projectum
consulting | products | training

Showcase flow

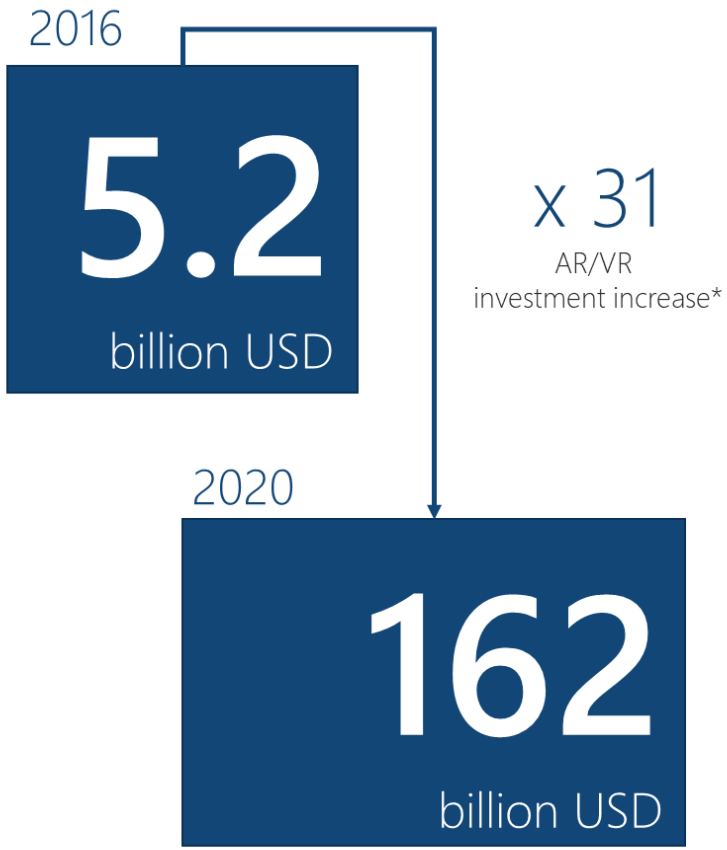
Chatbot | Web

Change KPI value

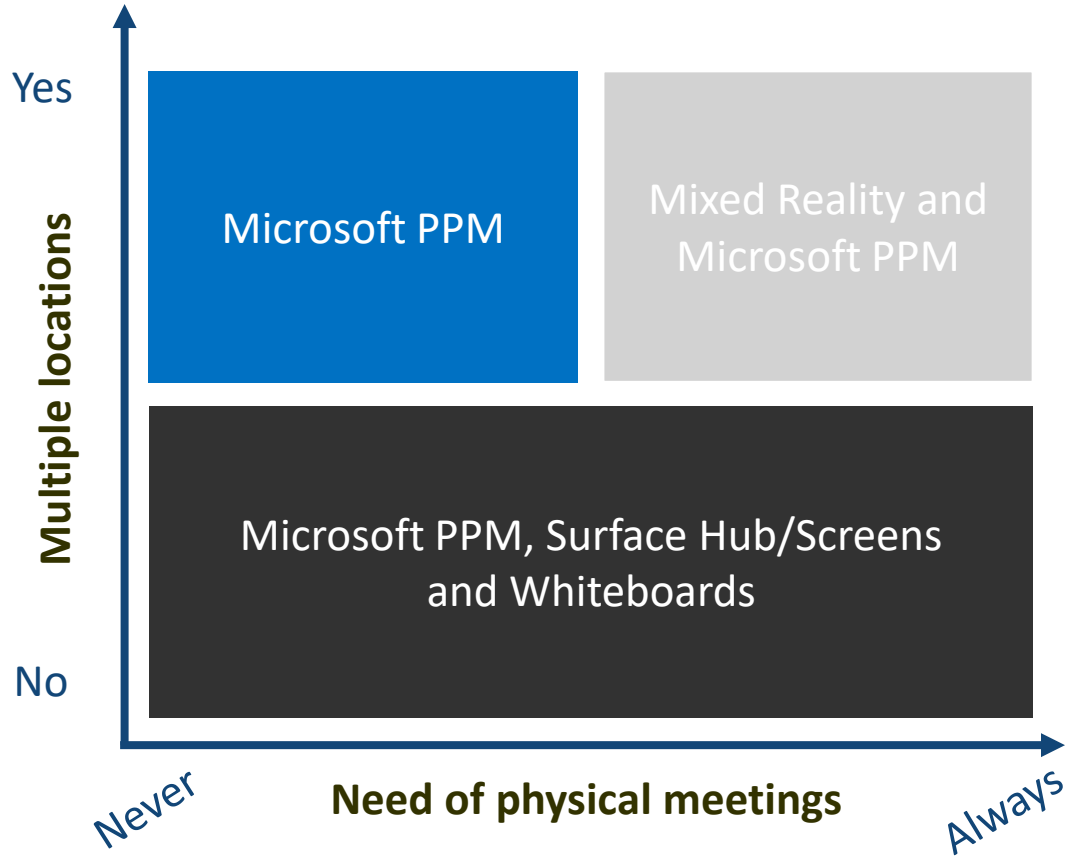
projectum
consulting | products | training


SHOWCASE BOT & AI

Mixed Reality and the PMO



Mixed Reality and PPM



Rethink Company Culture

When employees feel connected, productivity goes up, creativity thrives, and turnover decreases. If we take away our walls and let our computers become the office space in which we work, then we are only constrained by what our technology can do for us

Improve Employee Training

Training programs using augmented reality can improve learning curves as employees get the opportunity to do their work with training overlays showing on their virtual display, providing the employee with actual experience in a safe environment

Reduce Open Office Distractions

Coupling virtual reality desktops with modular stations and acoustic office furniture could help create the ideal working environment for both introverts and extroverts

Bring Together Remote Teams

As remote working gains traction around the globe, that sense of isolation and distance from your colleagues could be eliminated with the use of VR conferences

SHOWCASE
MIXED REALITY

LEARN MORE & REACH OUT

FIND US AT THE BOOTH