MiGSO-PCUBED
AN ALTEN COMPANY

Empowering Your **PMO** with Cutting-Edge **Technology**

To Improve Processes and Decision-Making

Rich
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https://www.migso-pcubed.com

Speaker Intro

Rich Weller, MBA, PMP

About Rich: Connect via LinkedIn

- 30 years leading project, program, and portfolio transformations across industries
- Speaker, Instructor, and Transformation Leader
- Holds an MBA, PMI's full suite of AI credentials and advanced Agile certifications
- Highly proficient in a wide range of project management software
- Passionate about the future of AI in PM—and helping teams choose the right tools for the job

Pradip Naik, MBA, PMP

About Pradip: Connect via LinkedIn

- Master of Business Administration (MBA) in Project Management (Walden University, USA)
- Project Management Professional (PMP) from Project Management Institute (PMI)
- Digital Transformation: Innovation Opportunities and Leadership (MIT xPro)
- Data Strategy: Leveraging Data as a Competitive Advantage (UC Berkeley Executive Education)

- Digital Transformation Leader and Solutions Architect
- 24+ years of experience
- Skilled in managing IT initiatives including for PMO digital transformation
- Thought leadership in digital PMO reporting
- Proficient in dashboard solutions using Power BI, Qlik Sense, and Tableau
- Experienced with PMO data from Planisware, Clarity PPM, Smartsheet, SAP, SQL Server, Oracle, Google BigQuery, Amazon Redshift, Salesforce, Microsoft Planner, MS Dataverse, etc.

Agenda

1. About MP

2. About You

3. Exploring **Project Controls**

4. Demystifying AI

5. AI and **Scheduling** Use Case Demonstrations

6. Conclusions

7. Questions

8. **BONUS!**

MP Overview

3,300⁺ EMPLOYEES

30⁺ YEARS OF EXPERIENCE

325M€ TURNOVER

40⁺ LOCATIONS
16 Countries

MIGSO-PCUBED is a **Global Project Management & PMO consultancy uniquely focused on Project, Program, Portfolio, and Change Management.** Drawing from 30 years of industry experience, we have become trusted delivery partners for the most recognizable brands.

US Locations

- Mobile, AL
- New York, NY
- Seattle, WA
- Boston, MA

San Francisco, CA
Irvine, CA
Detroit, MI
Houston, TX

Our top 10 clients

Microsoft | SAP | Ford | Chevron | Deutsche Bank

Hershey The Hershey Company | Biomarin | Greenpoint Technologies | Phillips 66 | Bank of Guam

Service Offerings

70% **PMO Delivery** Project Control
Support for R&D, Product, Process and IT projects

20% **Transformation** Consulting
Support for transformation projects including Change Management

10% **Digital** BI / Prediction
Analytics, robotization, data visualization, from reaction to prediction

Industries

- Aerospace & Defense
- Financial Services & High Tech
- Energy, Resources & Life Sciences
- Public Sector
- Automotive & Transportation

Main Locations

FRANCE 1370 | USA / CAN 400

UK 300 | AUSTRALIA 110

GERMANY 90 | ES / POR 530

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About You

- Anonymous
- 7 Questions
- 60 Seconds

GO!!!!!

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Exploring
Project Controls

What is Project Controls?

Project Controls are **essential mechanisms** used in project management to **ensure that a project is on track to meet its objectives**.

They involve a **set of processes and tools** that help project managers **make informed decisions**, allocate resources effectively, and initiate appropriate actions.

The primary goal of project controls is to **plan, monitor and manage the project's schedule, cost, risks, quality**, and changes to ensure successful project delivery.

Visualizing Project Controls

Project Controls

Schedule, Cost, Risk and Quality Management

Scope, Resource and Procurement Management

Stakeholder and Communication Management

Hard Skills

Soft Skills

Project Management

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Isolating Project Controls

Let's Explore AI

What is AI

AI – Defined by the Experts:

- **Scaled Agile's Definition:** Artificial Intelligence (AI) is a term used to describe a wide range of smart machines capable of performing tasks that typically required human intelligence. From here: https://tinyurl.com/5586btwp

- **Microsoft's Definition:** Artificial Intelligence (AI) is the ability of a computer program or machine to mimic human-like behavior. From this course: https://tinyurl.com/8rkv672d

- **PMI's Definition 1:** Artificial Intelligence (AI) is the simulation of human intelligence in machines that can perform tasks, learn from experiences, and adapt to new situations. From this course: https://tinyurl.com/mr2bc9b4

- **PMI's Definition 2:** AI is a machine behavior and function that exhibits human intelligence and behavior. From this book: https://tinyurl.com/58b662ut

- **PMI's Definition 3:** Artificial intelligence is often informally used to simulate human intelligence processes performed by or implemented in computer systems. From DRAFT version of 'The Standard for Artificial Intelligence in Portfolio, Program and Project Management'.

Here is what we know!

1. There is no agreed upon definition of AI

2. AI is being used as an "Umbrella" term

Rich Weller's Simplified Definition:
"The ability of a computer program to mimic human-like behavior."

Unfolding the AI Umbrella

The ability of a computer program to mimic human-like behavior.

Category	Definition	Examples
Automation	The use of technologies to reduce human intervention in processes, mainly by predetermining decision criteria and actions.	- Microsoft Power Automate - Zapier - Make.com - IFTTT
Generative AI	A subset of AI that uses generative models to produce text, images, videos, or other forms of data based on input prompts.	- Copilot in Edge - ChatGPT - Google Gemini - PMI Infinity - Semblian
Agentic AI	AI that uses sophisticated reasoning and iterative planning to <u>autonomously</u> solve complex, multi-step problems, often acting independently to achieve specific goals.	- Sembly AI - Operator (OpenAI) - Microsoft Agent Flows in Copilot Studio
Hybrid	Some combination of the above	- Project Manager Agent in Planner (Gen AI + Agentic AI)

Let's Make it Tangible!

Combining Project Controls with Generative AI

		Project Controls			
		Schedule Management	Cost Management	Risk Management	Quality Management
AI Categories	Automation				
	Generative AI				
	Agentic AI				
	Hybrid				

Combining Project Controls with Generative AI

		Project Controls			
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AI Categories	Automation				
	Generative AI	X			
	Agentic AI				
	Hybrid				

Combining <u>Schedule Management</u> with <u>Generative AI</u>

Scenarios:

1. Schedule Development <u>PMI Infinity</u> to **Smartsheet**

2. Schedule Management with <u>Copilot</u> in **Planner (Premium)**

3. Analyze **Microsoft Project Desktop** Schedule with <u>GPTTeams</u>
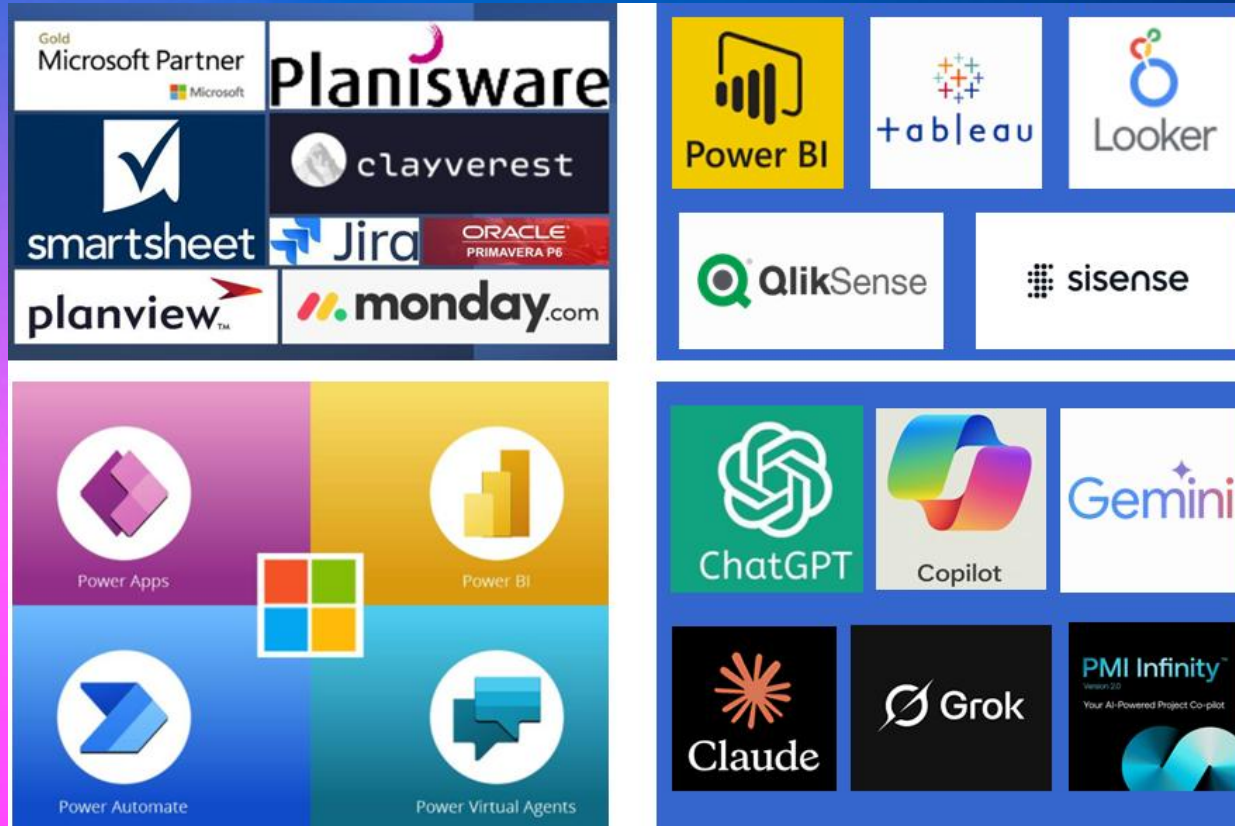
Demo Technology Matrix

Technology/Area	Create Schedule	Update Schedule	Analyze Schedule
PMI Infinity	X		
Smartsheet	X		
Copilot within Planner Premium		X	
Planner Premium		X	
GPTTeams			X
Microsoft Project Desktop			X

Tool Agnostic!
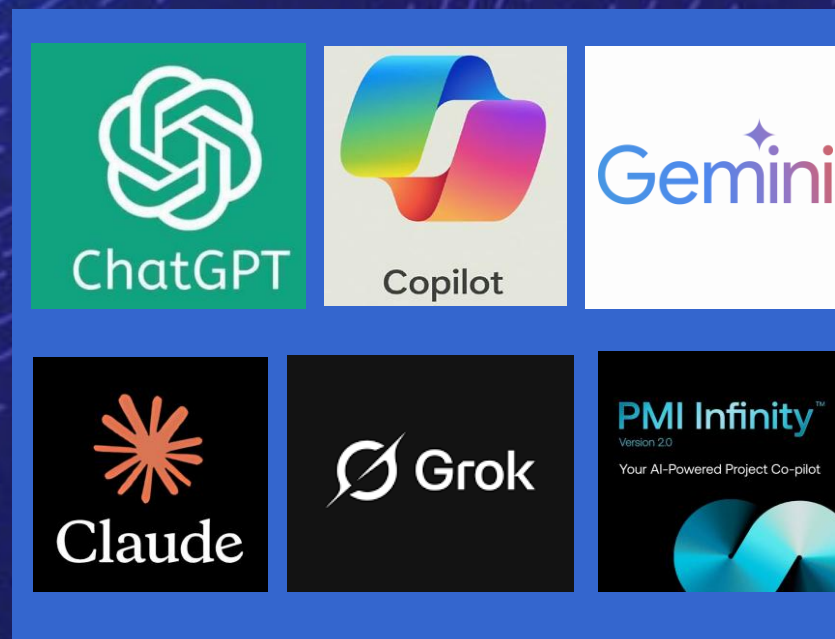
"Art of the Possible Workshop"

- **FREE**
- 90-Minutes
- Problem Definition
- Tool Demonstration

- https://forms.office.com/e/ZKvVU96YGt

Conclusions

1. Becoming better at Project Controls will improve your chance of project success
2. AI is an "Umbrella" term

"Like with any other tool; first determine the problem you are trying to solve and then find the best **AI** tool to solve that problem."

~Rich Weller

Q&A

Agentic AI BONUS!

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Project Manager Agent in Microsoft Planner Demo

9-minute video here:

https://www.youtube.com/watch?v=MUR1ajXHlC0&list=PLldwp8u2aiE1Lk_ctdnnY8SuoSbHNcJo8&index=51