

# TECHNICAL WORKSHOP

## Augmenting Project Delivery with AI: Strategy to Hands On Implementation

Brought to you by Project Controls Expo Meet  
In collaboration with EA/ACES



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**Date**

18th May 2026

**Time**

9:00 – 17:00

**Venue**

Mercure Sydney

## What's Included in the Technical workshop

### Certificate of Participation

Recognition for completing the workshop.

## Course Overview

# Augmenting Project Delivery with AI: Strategy to Hands On Implementation



This one-day workshop, brought to you by Project Controls Expo Meet in collaboration with EA/ACES—moves you from reports to predictions.

AI is transforming project planning, management, and delivery. Project controls and PMO professionals will gain strategic insights, practical frameworks, live demonstrations, and hands-on exercises covering the full AI lifecycle—from governance and strategy to AI agents and real workflow integration.

Whether you handle schedules, risks, costs, contracts, or stakeholders, discover how AI drives smarter, faster project outcomes.

### By the end of the session, attendees will be able to:

- 01** Understand the strategic role and value of AI in project delivery and controls
- 02** Identify high-value AI use cases across project controls and PMO workflows
- 03** Apply AI tools, prompt engineering, and simple AI agents in real project tasks
- 04** Develop a safe, governance-aligned roadmap for responsible AI adoption

## Approach

# Technical Workshop – A Comprehensive One Full-Day Deep-Dive

This workshop will explore the AI landscape through a strategy-led approach, combining foundational concepts, governance considerations, and practical frameworks to identify high-value use cases for project delivery. Participants will engage in live demonstrations and hands-on exercises with AI tools and agents, supported by interactive discussions focused on safe, responsible implementation within real project workflows.



## Who Should Attend

- Project Controls Managers
- Project Planners
- PMO Leads
- Commercial Teams
- Professionals responsible for delivering projects on time and within budget
- Professionals seeking practical, hands-on experience with AI tools for project management and controls

## Key Takeaways

- Build strategic AI foundation and governance for project delivery
- Identify high-value AI use cases in project controls and PMO workflows
- Hands-on with AI tools, prompt engineering and AI agents
- Safe adoption roadmap: governance, security, risk management
- Phased implementation from personal productivity tools to enterprise scale

# Event Agenda and Schedule

9:00 – 9:15 a.m.	<p><b>Welcome, Introductions &amp; Course Overview</b></p> <p>Welcome, introductions, and course overview; objectives of the day; AI maturity in organisations and expectations; and why AI matters for project managers now will be discussed.</p>
<p><b>Module 1</b></p> <p>9:15 – 10:00 a.m.</p>	<p><b>Overview of AI and its Evolution</b></p> <p>This module will cover what AI is, key terminology (ML, NLP, LLMs, Agents, RPA, Generative AI), the evolution of AI from expert systems to ML, to LLMs, to autonomous agents, the current landscape and major capability shifts, where AI is heading including agentic workflows, automation and judgement, project management augmentation, and opportunities and limitations.</p>
<p><b>Module 2</b></p> <p>10:00 – 11:00 AM</p>	<p><b>AI in Project Management + Tools Overview</b></p> <p>This module will cover how AI is transforming project management domains, including schedule creation and optimisation, risk modelling and forecasting, cost estimating and trending, stakeholder communications, contract, procurement, and scope management, and lessons learned automation (MS Project AI, Primavera AI plugins). It will also include an introduction to prompt engineering for project managers, covering precision prompting, role prompting, constraints and structured prompts, chain-of-thought prompting, and common patterns.</p>
11:00 – 11:15 AM	Break
<p><b>Module 3</b></p> <p>11:15 – 12:30 p.m.</p>	<p><b>AI Strategy for Project-Oriented Organisations</b></p> <p>This module will cover the AI maturity model for project delivery organisations, identifying the highest-value project management use cases, the operating model for AI in PMOs, skills uplift for project managers, planners, controllers, and commercial teams, and change management considerations.</p>
12:30 – 1:30 p.m.	Lunch
<p><b>Module 4</b></p> <p>1:30 – 3:00 p.m.</p>	<p><b>HandsOn Agent Building Workshop</b></p> <p>This module will cover defining the objective, creating the agent's role or persona, structuring instructions and knowledge, testing on project management documents (risk registers, scopes, schedules, etc.), evaluating output and refining prompts, and establishing guardrails for safe agent behaviour.</p>
3:00 – 3:15 p.m.	Break
<p><b>Module 5</b></p> <p>3:15 – 4:00 p.m.</p>	<p><b>Understanding AI Risks, Data Governance &amp; Security</b></p> <p>This module will cover categories of AI risks in project environments, including hallucinations, bias, overautomation, version drift and quality issues, and misaligned decision-making. It will also cover data governance essentials, such as identifying data sensitivity (project documents, commercial data, personal information), secure versus insecure use of AI tools, differences between enterprise and consumer AI, data classification for project management artefacts, and organisational policies and controls.</p>
<p><b>Module 6</b></p> <p>4:00 – 4:45 p.m.</p>	<p><b>Responsible AI, Ethics &amp; Best Practices</b></p> <p>This module will cover ethical considerations in AI for project managers, including transparency and auditability of AI-assisted project decisions, accountability frameworks, risk mitigation strategies, practical rules for responsible AI in project work, and case examples of ethical and unethical AI usage in project environments.</p>
4:45 – 5:00 p.m.	<p><b>Wrap-Up, Key Takeaways &amp; Next Steps</b></p> <p>Wrap-up will include key takeaways, next steps, tools and templates to take away, recommended learning pathways, and a Q&amp;A.</p>

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**QUESTIONS?  
WE'RE HERE TO HELP**

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