



Innovation and IT Community

Strategy Frameworks and Architecture for IT Managers Leading Transformative Projects

TRAINING

Developing dynamic architectures that
respond to constant change and support
digital transformation.



Facilitated by
DR ROD DILNUTT

*Director, William Bethwey &
Associates
Industry Fellow,
University of Melbourne*

Online → 14 & 15 September 2022
10am - 2pm AEST



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Developing dynamic architectures that respond to constant change and support digital transformation.

Exciting new IT tools and applications are becoming increasingly utilised to enable greater efficiency outcomes within government organisations. But with the use of these transformational, and often disruptive, systems comes the quandary of implementation for sustainable infrastructure.

In order to achieve entire organisational benefit, a clearer grasp on current economic and social environments and how these will inevitably effect business models is needed. In order to ready organisations' for constant change ,and to support their evolving digital transformation strategies, they must be prepared for the impact of innovation on architectures, and therefore become ready and dynamic in response.

That is why the PSN have put together this **'ICT Strategy and Architecture for a Disruptive Environment'** Training - to arm professionals working within public sector IT and technology divisions with applicable tools and strategies ready to navigate disruptive environments and adapt systems and strategies accordingly.

Packed with theoretical and practical knowledge from your expert facilitator and chance for interactive group discussions and sharing, this training will equip attendees as they rethink information systems, investigate the fundamental concepts of IT strategy and prepare for the impact of innovation on public sector IT division architectures sustainably.

ICT Strategy and architecture in a disruptive environment

This training course focuses on the conflict between legacy architectures and the development of dynamic architectures that can respond to the constantly changing environment and support digital transformation.

We will explore the current economic and social environment and nature of the disruptions to existing business models. Learners will examine how information technologies are strategically deployed to support business activity and the new organisational structures that are emerging in response. We ask the question 'how does the public sector exploit this opportunity and develop dynamic architectures to enhance its service provision?'

Who Attends

The **'ICT Strategy and Architecture for a Disruptive Environment'** training has been specifically designed for public sector professionals working within IT, Technology and Innovation roles looking to resolve the conflict between legacy architectures and the investment in more dynamic architectures, and forge strategies that respond to the constantly changing environment, support digital transformation and in turn create more effective organisations.

Meet Your Facilitator



DR ROD DILNUTT

Director

William Bethwey & Associates

Industry Fellow,

University of Melbourne

Rod is a results-focused digital leader with a proven ability to influence complex stakeholder networks and drive transformational change. He is an executive consultant with experience spanning over 25 years in the public, private and education sectors. He is a founding Director of William Bethwey & Associates and an internationally recognised thought leader in strategic and architectural transformation.

Rod is a highly motivated catalyst of digital change, he is results focused and has an inclusive leadership style. He has also been an Industry Fellow at The University of Melbourne for over 15 years, researching and lecturing in Higher Degree programmes around topics such as Enterprise Architecture and Digital Transformation, Strategic Change Leadership, and Knowledge and Information Management. He has authored over 20 publications and a book on Organisational Change. Consequently, he is a sought-after expert for leading companies confronting challenges brought about by disruptive technologies and the need to transform organisational cultures to adopt radically different paradigms of work and the creation of value.

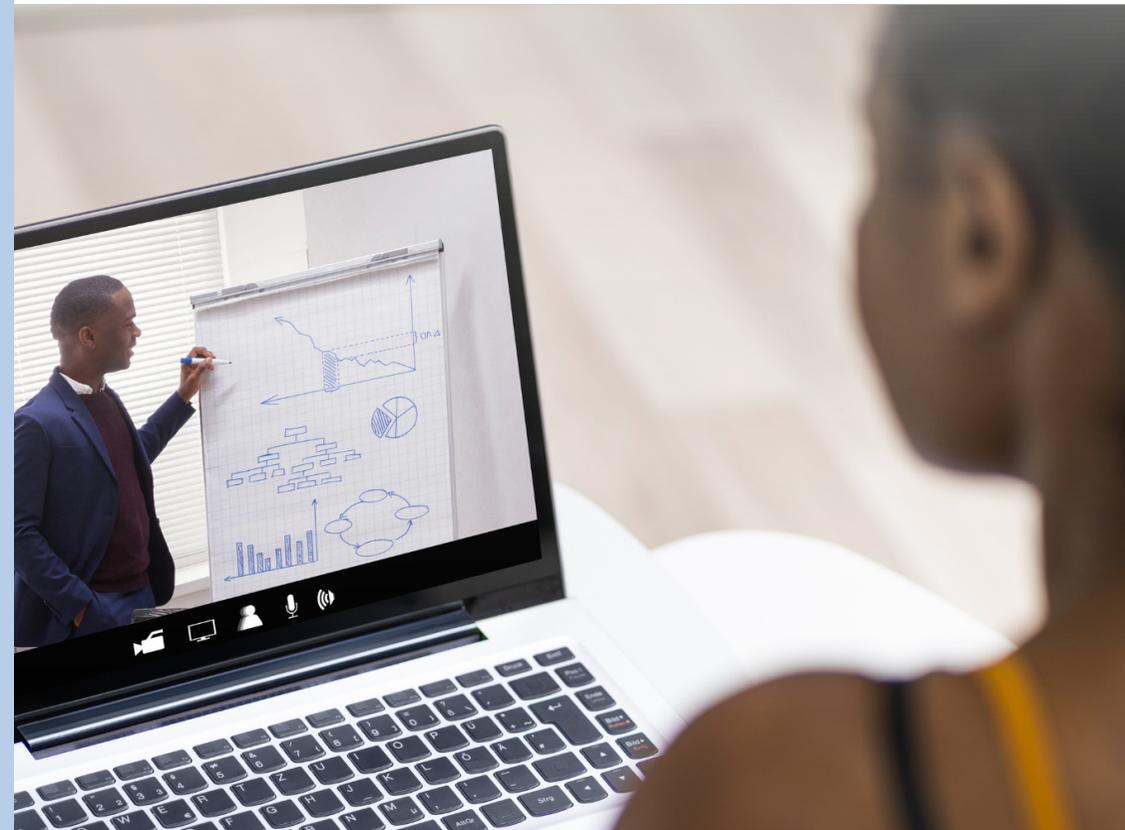
Rod is a Fellow of the Australian Computer Society, A Fellow of the British Computer Society, Chair of ACS Victoria and was recognised as the ICT Professional of the year, 2013 in the national iAwards.

Preparation

This workshop is highly interactive with group activities and discussions throughout. Come prepared with some current challenges you are facing in your organisation.

- To participate you'll need:
- A computer with camera and microphone
- Strong internet connection
- Quiet, well-lit space
- Current challenges you are facing

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Explore the Agenda

DAY 1 - 14 September 2022, 10am - 2pm AEST

Module One

10:00am PSN Welcome and Introductions

10:05am Training Overview, Objectives and Outcomes and Icebreaker

10:20am Strategy, Innovation and Enterprise Architecture in Context - An Introduction

Attendees and facilitator will investigate the fundamental concepts of strategy and the impact of innovation on architectures. With the objective of becoming better equipped to take action in your own workplace.

Key concepts:

- Strategy and innovation
 - The relevance of core theories
 - The IS Strategy Triangle
 - What is enterprise architecture?
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11:20am Facilitated Discussion: What is Enterprise Architecture in the Public Sector?

- How does your organisation's current enterprise architecture model look and feel - what is it enabling, and what might it be disabling?
 - Getting clear on where your EA strategy needs to grow by critiquing and evaluating your current approach
 - Identifying key ways to deliver and communicate new advances within a public sector department context
 - Understanding how your role within the IT division interacts and feeds the effectiveness of the organisation as a whole, and why you must be the one who can interpret and present EA system challenges clearly
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11:45am Morning Tea Break

Module Two

12:15pm The Nature of Disruptive Change

Attendees will explore the nature of disruption and the impact on the art of information systems strategy and architecture, establishing which elements of current IT systems likely need to be prioritised and adapted accordingly.

Key concepts:

- The nature of disruptive change on our economy
 - Disruptive technologies
 - The New Power Model
 - Legacy architecture mismatch
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1:30pm Breakout Activity: Are We Ready for Change?

This breakout session will make you think about your own architecture. How do you make this work well within the often limited public sector context?

- Where are you right now, and how ready does that leave your organisation in regards to sudden disruption and crisis?
 - Outlining how up-to-date information technologies can be strategically deployed to support wider business activity
 - Thinking holistically - broadening the scope from only focusing on internal systems, to envisaging how appropriate changes can be drivers of external / societal benefit
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2:00pm Training Day 1 Close

DAY 2 - 15 September 2022, 10am - 2pm AEST

Module Three

10:00am Information Systems Strategy

Attendees will investigate the strategic use of information systems as the key organisational resource, explore how these can be leveraged to exploit improvement opportunities, and justify how a digital approach can provide both business and community benefit.

Key concepts:

- Exploiting digital information resources strategically
 - Digital opportunity
 - The value chain
 - Competitive forces
 - Applying Porter's Model
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10:45am Facilitated interaction: Can Business Strategy Be the Basis for Enterprise Architecture?

- Looking at our current economic and social environments to address the nature of disruptions and threats to existing business models
 - Reviewing the new organisational structures that are emerging in response to the current business disruptions we face, and how we can add rescue-value by developing more dynamic architectures
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11:45am Break

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Module Four

12:15pm Fit-for-Purpose Architecture

Depending on what architecture you've got, this session will help you enhance it. We will talk through mocking up a useful plan to kick start your own fit for purpose architecture by identifying what needs, key considerations, and organisational objectives exist in your current context. How do you actually build the capability to deliver on that?

Underpin your architectural response and introduce new architectural practices to provide the agility and responsiveness needed to evolve organizational capability and satisfy marketplace demands.

Key concepts:

- Agile architecture
 - Minimum viable architectures
 - How do we 'architect?' – Roles and responsibilities
 - Balancing the architecture continuum
 - **Breakout activity:** Build your own architecture (Develop an action plan for your workplace, and make it work for *you*.)
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1:30pm Project Review – Evaluation and Feedback

- Peer-review fellow participants new strategic visions for their specific organisation's EA model
 - Receive professional feedback and constructive criticism from facilitator
 - Discuss best practices and top tips for implementing the changes and ideas discussed throughout the course
 - Session summary and closing notes from facilitator
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2:00pm Training Day 2 Close

- Interactive closing discussion to share key takeaways with the group

