

DEFENCE ISO ADVANCED

OVERVIEW

This Advanced ISO Standards virtual workshop will provide a range of process frameworks to integrate selected ISO and non-ISO management system standards into a business management system.

An integrated management system provides an effective, efficient, and value-adding framework to meet defence primes requirements for suppliers.

The DoD, Capability Acquisition and Sustainment Group (CASG), and defence primes encourage innovation in the current supply chains to attract new and non-traditional suppliers, including SMEs. The International Organisation for Standardisation (ISO) Integrated Use of Management System Standards Handbook – for which Michael McLean was the ISO Convenor – will be the basis for this Advanced ISO virtual workshop. It will show how to integrate ISO and non-ISO management system standards into the supplier's process.

This virtual workshop draws from defence and non-defence business process frameworks for designing their system integrating strategy from the International Aerospace Quality Group Supply Chain Management (AS9100D); the UK Society of Motor Manufacturers (IATF 16949); APQC (Process Classification Framework – Defence); Operational Excellence / Lean Manufacturing (Shingo Prize Criteria); Process Maturity Self-assessment (ISO 9004:2018); Lockheed-Martin and NATO Supplier Requirements (AQAP – ISO 10005 Quality Plans, ISO 10007 Configuration Management).

KEY DETAILS



MODE

Virtual



SEMINAR STRUCTURE

- Virtual workshops x 4
- Podcasts x 1



DURATION

4 weeks



WHO SHOULD ATTEND:

- Those already in the market and now needing specific skill areas.



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WHAT TOPICS WILL BE COVERED?

- At this stage in the virtual workshops, attendees would have covered Business Continuity (ISO 22301), Information Security (ISO 27001), and Collaboration (ISO 44001).
- Various approaches will be shown that link performance evaluation and balanced scorecards to strategy, business plans, and visual management to demonstrate the optimisation to organisation stakeholders needs and expectations
- Defence and the primes are expecting life-cycle cost solutions (CASG Smart Buyer), innovations to support products and systems to the Defence Capability Units (CASG Performance Scorecards) and improve the asset reliability and serviceability (ISO 55001).
- Guidance provided to mitigating risks (Automotive 'CORE TOOLS' and ISO 31000/31010 Risk Management).

EXPECTED OUTCOMES:

- How to integrate defence prime, ISO, and non-ISO Management Systems requirements with guidance from three-year ISO Australian and international research captured in the ISO Integrated Use of Management System Standards Handbook
- How to embed risk-based mindset and thinking – ISO 31000 / 31010 Risk management principles, guidelines, framework and techniques
- How to conduct best-practice system self-assessment – ISO 9004:2018 and links to business excellence and organisational capability assessments ABEF, defence prime assessments
- How to integrate and sustain business improvement methodologies with a single and integrated management system – ISO 19011; Kaizen, PDCA, PDSA, Lean, Six Sigma™
 - How to capture all integrated management system outputs within a simplified and single document and produce an IMS on a page from the ISO IUMSS Handbook.



FACILITATOR



MICHAEL MCLEAN

Australian Industry Group Members' representative on the Standards Australia national committees QR-008 (Quality) and SF-001 (OH&S), and Technical Expert for various ISO Technical Committees. Consultant to CASG – Maritime and Air Domain; RAAF, RAN and Army; Electrolux; Maxwell Engineering; Nissan, QANTAS, Reliance Hexham; R&R Murphy; SPECFAST; Thales; TW Woods; Untronix; Varley; Volvo and Mack Trucks. Various AQF Accreditations for Advanced Diploma of Management Competitive Systems and Practices, Training and Assessment. Fellow of AICD, AOQ and Institute of Management Consultants. Part-Time lecturer at Macquarie Graduate School of Management and University of Wollongong in Supply Chains and Operations Management. Author and Academic publications in automotive supply chains and best practice research in ASEAN.

VIEW DATES, COURSE FACILITATORS AND REGISTER YOUR INTEREST
VIA [HUNTERDEFENCE.ORG.AU/DEFENCEREADY](https://hunterdefence.org.au/defenceready)



TIMING	LEARNING MODULE	FORMAT	EST. TIME TO COMPLETE
On demand	<p>ISO Advanced</p> <ul style="list-style-type: none"> How to integrate Defence Prime, ISO and non-ISO Management Systems requirements using the ISO Integrated Use of Management System Standards Handbook 2018 How to document a Defence Contract Quality Plan for Defence and Primes – ISO 10005:2018 and NATO AQAP 2105 Guidelines and Templates (Lockheed Martin) How to embed Risk Based Mindset and Thinking with <ul style="list-style-type: none"> ISO IWA 31 guidelines ISO 22301 Business Security ISO 27001 Information Security and one of the four required for DISP Accreditation Supply Chain Security ISO 28001 ISO 31000 / 31010 Risk Management Principles, Guidelines, Framework and Techniques Overview: Commonwealth Risk Management Policy Element Four – “Embedding systematic risk management into business processes.” The CASG Business Framework and 4 Capability Life Cycle (CLC) 	Podcast.	<p>30mins</p> <p>Attendees should read the “ISO 9000:2015 seven Quality Management Principles” Quality management principles (iso.org)</p> <p>They should bring a bought copy of ISO 9001:2015 or other ISO MS Standards such as AS9100D, IATF 16949.</p>
Week 1	<p>Workshop 1-C</p> <ul style="list-style-type: none"> context capability continuity collaboration configuration 	Virtual Workshop	30 min bump in, 30 minute virtual workshop, plus 30 minute Q&A participation

> SEMINAR MODULE OUTLINES CONTINUED ON NEXT PAGE

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TIMING	LEARNING MODULE	FORMAT	EST. TIME TO COMPLETE
Week 2	Workshop 2-P <ul style="list-style-type: none">▪ planning▪ projects▪ process▪ participation▪ performance Expected Outcome <p><i>The attendee will gain an understanding of:</i></p> <ul style="list-style-type: none">▪ Understand different states and lifecycle of data.▪ Understand how to secure data in each of its life cycle stage and state.	Virtual Workshop	30 minute virtual workshop, plus 30 minute Q&A participation
Week 3	Workshop 3-R <ul style="list-style-type: none">▪ responsibilities▪ risk▪ resources▪ resilience▪ results	Virtual Workshop	30 minute virtual workshop, plus 30 minute Q&A participation
Week 4	Workshop 3-I <ul style="list-style-type: none">▪ Involvement▪ Improvement▪ Investment▪ Innovation▪ Integration	Virtual Workshop	30 minute virtual workshop, plus 30 minute Q&A participation

TOTAL COURSE DURATION

4.5 hours instruction

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COURSE SCHEDULE



EOI cut-off: 10 January 2022

Successful applicants notified: 11 – 14 January 2022

Course joining instructions issued: 14 January 2022

Course timing: 27 January – 17 February 2022 – Weekly 1-hour workshops on a Thursday / Time TBC

Please note: please review the delivery timeline for this seminar bundle via the website. It is compulsory to attend the Virtual Workshops at the scheduled times.

DEFENCE READY

SEMINAR SERIES



Australian Government
Department of Defence



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