

Government SCM, Procurement & Contracting Latest Technologies & Trends Training Symposium



Advanced Data Analytics In
Government SCM & Procurement

Cyber Risks



Latest SA Government Legislation, Policies & Trends 2026



As the global business landscape continues to experience rapid transformation driven by emerging technologies, senior-level executives, policy makers, and government officials must equip themselves with the knowledge and strategies to harness these innovations. This 3-Day Training program equips professionals with the strategic and operational expertise to lead today's complex, tech-driven global networks. The program focuses on integrating Core Government SCM processes with emerging digital technologies, especially Data Analytics and Artificial intelligence (AI), to drive faster, smarter, and highly efficient decision-making. Inviting Universities, Colleges, Legal advisors, Legal practitioners, Government – National, Provincial, Local, Parastatals & SMEs to Discuss Technology in Public Procurement and Contracting

Royal
Institute of
Technology
&
Engineering

Dates & Venues:

Pretoria: The Protea Hotel, Fire & Ice, Menlyn
Durban: The Blue Waters Hotel
Johannesburg: Sandton: The Radisson Blu Hotel, Sandton
Cape Town: The Protea Hotel, Sea Point
Pretoria: Anew Hotel, Hatfield
Johannesburg: Birchwood Hotel, Boksburg
Centurion, Pretoria: Anew Hotel

Dates: 23 - 25 September 2026
Dates: 28 - 30 September 2026
Dates: 14 -16 October 2026
Dates: 21 -23 October 2026
Dates: 28 – 30 October 2026
Dates: 18 – 20 November 2026
Dates: 25 – 27 November 2026

Who should attend?

- ✓ Supply Chain Officials
- ✓ Heads of Supply Chain
- ✓ Chief Buyers
- ✓ BBBEE Heads of Transformation
- ✓ Tender Managers/Directors
- ✓ Purchasing Managers/Senior Advisors
- ✓ Strategic/Sourcing Managers
- ✓ Supplier Development Managers
- ✓ Contract Managers/Directors
- ✓ Logistics Managers
- ✓ Supply Chain Managers/Directors
- ✓ Operations Managers/Directors
- ✓ Portfolio Managers
- ✓ Project Managers, Vendor Managers/Specialists, Internal Audit Managers

The Public Procurement & SCM Latest Technologies, Trends and Legislation

Training Symposium: Program

08:00 Morning Tea / Coffee

08:30 Commencement of the Training Symposium

Session 1: A Recap of The SA Government Procurement Process and its Regulatory framework

- The South African Constitution and Public Procurement
- An overview of the Public Procurement Act 28 of 2024 which was signed into law on 23 July 2024
- The Revised Preferential Procurement Regulations 2022
- The impact of the Constitution on government contracting processes
- The PPPFA
- Contracting with persons, or categories of persons, historically disadvantaged by unfair discrimination on the basis of race, gender or disability;
- Implementing the programmes of the Reconstruction and Development Programme as published in Government Gazette No. 16085 dated 23 November 1994;
- The 16 February 2022 Constitutional Court (CC) ruling
- The NT's draft Procurement Regulations for public comment of 23 March 2022
- The Broad-based black economic empowerment status
- Local production and content

Session 2: The use of latest Technologies in Government Procurement

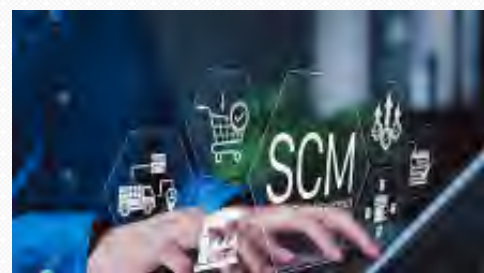
Technology creates huge internal value in both public and private sector entities through streamlining operations; however, it can boost external value too. Technology can help create a seamless supply network, through to customers, regulators, government bodies and other stakeholders. Topics:

- Digitalisation in Public Procurement
- Advantages and Disadvantages of incorporating the latest technologies
- Procurement Management Information Systems

Session 3: Artificial Intelligence in Public Procurement & SCM

AI in government procurement is a growing trend that aims to make buying processes more efficient and effective. The daily duties of any public procurement officer are grounded in purchasing goods, works, and services in a way that is transparent, fair, efficient, and compliant with regulations, giving the best possible value for money. This makes procurement processes constantly (and increasingly) exposed to new opportunities such as digital innovations and Artificial Intelligence (AI). From strategic procurement planning to bid evaluation, contract management and risk management, AI is transforming how organizations can plan, source, and manage goods and services purchases; introducing new levels of efficiency, transparency, and freeing practitioners to do better strategic decision-making through their expertise in judgement calls. Discussion points:

- AI Fundamentals (Data, Natural Language Processing, Machine Learning, Generative AI – and Agile Frameworks applied to Public Procurement)
- Big Data
- Algorithms



- Machine Learning
- Natural Language Processing
- What is Deep Learning?
- Augmentation vs Automation
- The Business Case for AI in Procurement and SCM Delivery Notes
- Format: Online and/or blended delivery
- Emphasis on building a common vocabulary and business context for AI in SCM
- AI Technologies and their Applications Government SCM Processes
- AI in Strategic Procurement Planning

Session 4: Impact Assessments for AI

- AI in Bidding Process and Selection
- Preparation of Bidding Documents
- Processing Bidders Proposals for Qualification

Session 5: AI Tendering and Submission

- Publishing the tender document
- Answering supplier queries
- Receiving and logging submissions
- Ensuring compliance with procurement rules

Session 6: AI in Bid Evaluation

- Streamlining Technical and Financial Evaluations of qualified bidders through RAG (Retrieved Augmented Generation)

Session 7: AI and Digital Tools in Contract Management

- AI-assistant for Procurement Manuals
- Digital Tools for KPIs Monitoring
- Agile Principles and Digital Tools for Task Management
- AI Implementation and Digital Transformation Roadmap
- Creating AI-ready Data
- AI Ethics
- AI Maturity Assessment Frameworks
- Challenges in implementation and foresight

Session 8: The Future of Procurement and Supply Chain with AI

- Emerging AI trends shaping global procurement and supply chains
- Generative AI in procurement documentation and analysis
- AI integration for sustainable and ethical procurement practices
- Building adaptive, resilient supply chains in volatile markets
- Change management and stakeholder engagement in AI adoption
- Group Exercise: Designing an actionable AI strategy for your organisation
- Developing a practical AI implementation roadmap



Data Analytics in Government Procurement & SCM

As a modern-day Procurement Professional, you need to have strong analytical skills and the ability to make data-informed decisions in your day-to-day work and across the different stages of your career.

Exceptional analytical skills will only get you so far. You also need the right tools for the job. Without a solid data and analytics foundation, you can't prove your strategies are working. This is where procurement analytics methods and tools come to play. Topics of Discussion here include:

- Procurement Analytics and Data-Driven Decision Making
- The Importance of Analytics in Procurement
- Case studies in Using Analytics
- Using Big Data: Gathering and Mining Procurement Data
- Types of Analysis: Descriptive, Predictive, Prescriptive
- Metrics and Procurement KPIs
- AI in Practice: Key areas where AI can support Procurement
- Spend Classification
- Vendor Matching
- Capturing Supplier or Market Data
- Anomaly Detection
- Supplier Risk Management
- Contract Administration
- AI Procurement Software landscape and governance considerations
- Functions that will not be automated
- Ten Benefits of Sourcing Automation
- Future of the Procurement Function Delivery Notes
- Format: Hands-on labs, datasets, and case simulations
- Emphasis on data preparation, modeling considerations, and KPI-driven evaluation

Cyber Security Risks in Government Procurement & Risk Mitigation



Session 1: Overview of cybersecurity concepts in supply chain operations

- Importance of cybersecurity in interconnected supply networks
- Relationship between digital transformation and cyber risks
- Common cybersecurity challenges affecting supply chains
- Principles of protecting supply chain information assets

Session 2: Supply Chain Cyber Threat Landscape

- Types of cyber threats affecting supply chain ecosystems
- Malware, phishing, ransomware, and social engineering risks
- Third-party and supplier-related cybersecurity vulnerabilities
- Understanding cyber attack pathways in supply networks
- Emerging trends in supply chain cyber threats

Session 3: Data Protection Principles in Supply Chain Operations

- Fundamentals of data protection and information security
- Types of supply chain data requiring protection
- Data confidentiality, integrity, and availability principles
- Data lifecycle management concepts
- Importance of secure data handling practices

Session 4: Cybersecurity Risk Management Frameworks

- Identifying cybersecurity risks within supply chains
- Cyber risk assessment methodologies
- Security controls and risk mitigation approaches
- Cybersecurity governance principles
- Integrating cybersecurity into supply chain risk management

Session 5: Securing Digital Supply Chain Technologies

- Cybersecurity considerations for supply chain technologies
- Protecting Enterprise Resource Planning (ERP) systems
- Security challenges in Internet of Things (IoT) supply chain devices
- Cloud security principles for supply chain platforms
- Protecting digital supply chain infrastructure

Session 6: Supplier and Third-Party Cybersecurity Management

- Understanding third-party cybersecurity risks
- Supplier information security requirements
- Cybersecurity expectations in supplier relationships
- Managing data sharing with external partners
- Building secure supply chain partnerships
- Roles and responsibilities in supply chain cybersecurity governance
- Overview of cybersecurity standards and frameworks
- Data protection regulations affecting supply chains
- Security policies and procedures for supply chain environments
- Importance of compliance monitoring

Session 6: Future Trends in Supply Chain Cybersecurity

- Emerging cybersecurity technologies and practices
- Artificial intelligence in cyber threat detection
- Blockchain applications for supply chain security
- Evolving challenges in digital supply chain protection
- Strategic approaches for building secure supply networks

Session 12: The Public Procurement Policy Implications

- Contextualisation of Public Procurement
- Public Procurement Policy Framework

Technology in Public Procurement & Contracting Training Symposium



Current Guiding Frameworks for the South African Economy

- ✓ The National Development Plan 2030 (National Planning Commission)
- ✓ The New Growth Path (Economic Development Department)
- Reality of Public Procurement in South Africa: Auditor General Findings
- Changes in South African Public Procurement Legislation

Session 13 : Recommendations on Public Procurement

- Strict compliance towards a more managerial and systematic approach pursuing value for money
- A strategic approach to the procurement function
- Developing measurable and sound evidence to track the performance of the procurement system
- which includes better quality data on procurement and improved performance analysis.
- Investigate and utilize the potential of centralization which could improve efficiency.
- Invest in professionalization of the procurement personnel
- Instil strict discipline to limit in the use of exceptions
- Design a flexible policy environment

Session 15: Current Guiding Frameworks for the South African Economy

o The National Development Plan 2030 (National Planning Commission)

o The New Growth Path (Economic Development Department)

- Reality of Public Procurement in South Africa: Auditor General Findings
- Changes in South African Public Procurement Legislation
- The effects of Covid19 on Public procurement in the Republic of South Africa

Session 16: Recommendations on Public Procurement

- Strict compliance towards a more managerial and systematic approach pursuing value for money
- A strategic approach to the procurement function
- Developing measurable and sound evidence to track the performance of the procurement system
- which includes better quality data on procurement and improved performance analysis.
- Investigate and utilize the potential of centralization which could improve efficiency.
- Invest in professionalization of the procurement personnel
- Instill strict discipline to limit in the use of exceptions
- Design a flexible policy environment
- Procurement methods and the use of competition
- Fairness and transparency in the negotiation and variation of contracts
- The fair treatment of participating bidders
- The right to reasons and access to information
- Procurement and black economic empowerment

Question & Answer Session.

End of the 3 Day Training Symposium

Vote of Thanks from Royal Institute of Technology & Engineering

Certification & Networking Lunch



Course Booking:

Booking Fee: R10 800 Per Delegate for 3 Days (Hotel Training)

For Easy Booking, Complete the Attached Booking Form and Email it to: bookings@tinotel.co.za / info@tinotel.co.za

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Our Higher Education & Training Accreditations

QCTO Accredited 4IR Full Qualifications:

- Artificial Intelligence: SAQA ID: 118792 NQF Level 5: 209 Credits
- Cyber Security: Cyber Security Analyst: SAQA ID:118986 NQF Level 5: 173 Credits
- Cloud Administrator: SAQA ID: 118699: NQF Level 4: 149 Credits
- Data Science Practitioner: SAQA ID:118708 – NQF Level 5: 185 Credits



QCTO AI Accreditation Number:

07-QCTO/SDP210125121021

The 3-Day Training Symposium will focus on Emerging Technologies in Procurement and Supply Chain. The training course is meticulously designed to empower SCM & Procurement officials with the insights and tools required to navigate digital disruptions and drive success in procurement and supply chain management (SCM)

To Book your Seats: Please Complete the Booking Form Attached together with this Program and email it back to Roitech - Tinotel. **Booking Fee @ R10 800 Per Delegate for 3 Days**

Book your Seats Now!!! Call Royal Institute of Technology & Engineering – Tinotel

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