



The Global Standard for Procurement and Supply

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Leading global excellence in procurement and supply

Segment 3.3 Developing Systems for Procurement and Supply

Level: Managerial

Theme: Technology

Knowledge: Will know and understand	Capabilities: Will be able to
<p>The use of ERP systems and data bases for procurement and supply activities</p>	<p>Evaluate the capabilities of ERP systems and data bases for procurement and supply activities, and make recommendations to senior managers on their development and implementation</p>
<p>The development of P2P systems used in procurement and supply including</p> <ul style="list-style-type: none">• E- requisitioning• E- ordering• E -Invoicing	<p>Investigate the use of P2P systems used in procurement and supply and make recommendations to senior managers on their development and implementation</p>
<p>The development of E- catalogues in procurement and supply and how these can enhance key procurement and supply processes</p>	<p>Investigate and make recommendations to senior managers on the development of E- catalogues that can be applied to procurement and supply</p>
<p>The development of E- market places in the supply chain</p>	<p>Explore opportunities for the use of E- market places to improve access to supplies and to improve leverage for the organisation</p>

Knowledge: Will know and understand	Capabilities: Will be able to
<p>The use of data analytics on the supply chain to assist planning, forecasting, control and decision making</p>	<p>Work with key stakeholders and suppliers to create improvements to data and reporting to enable informed decision making and transparency of spend and resolve problems when the data gathered is not sufficient</p>
<p>The application of data integrity for effective procurement and supply</p>	<p>Examine the standards of, and potential improvements, that can be made to data integrity in the use of procurement and supply data base systems and make recommendations for improvements to colleagues and other stakeholders</p>
<p>The use of integration tools in systems technology in procurement and supply</p>	<p>Explore improvements that can be made to integrate both internal systems and systems across supply chains through data integration technology and make recommendations to colleagues and other stakeholders</p>
<p>Developments such as;</p> <ul style="list-style-type: none"> • Cloud computing • Open source software • Mobile telecommunications • Remote working • Convergence of technology platforms 	<p>Assess developments in systems technology and make recommendations to colleagues and other stakeholders that will improve procurement and supply</p>
<p>The use of business continuity planning to mitigate supply chain interruption</p>	<p>Assess suppliers' business continuity plans to mitigate disruption to the organisation's supply chains</p>

Related CIPS Knowledge Links

[Application of Technology - http://www.cips.org/Knowledge/Procurement-topics-and-skills/eCommerce---systems/Application-of-Technology/](http://www.cips.org/Knowledge/Procurement-topics-and-skills/eCommerce---systems/Application-of-Technology/)

[Coding and Classification - http://www.cips.org/Knowledge/Procurement-topics-and-skills/eCommerce---systems/Coding-and-Classification/](http://www.cips.org/Knowledge/Procurement-topics-and-skills/eCommerce---systems/Coding-and-Classification/)

[Data Analysis / Business Intelligence - http://www.cips.org/Knowledge/Procurement-topics-and-skills/Understand-Need---Market-and-options-assessment/Data-Analysis--Business-Intelligence/](http://www.cips.org/Knowledge/Procurement-topics-and-skills/Understand-Need---Market-and-options-assessment/Data-Analysis--Business-Intelligence/)

[eSourcing / eProcurement systems P2P - http://www.cips.org/Knowledge/Procurement-topics-and-skills/eCommerce---systems/E-sourcing--E-procurement-systems-P2P/](http://www.cips.org/Knowledge/Procurement-topics-and-skills/eCommerce---systems/E-sourcing--E-procurement-systems-P2P/)

[Material Requirements Planning \(MRP\) - http://www.cips.org/Knowledge/Procurement-topics-and-skills/eCommerce---systems/MRP--CRP-/Material-Requirements-Planning-MRP/](http://www.cips.org/Knowledge/Procurement-topics-and-skills/eCommerce---systems/MRP--CRP-/Material-Requirements-Planning-MRP/)

[Marketplaces \(Applegate\) - http://www.cips.org/applegate](http://www.cips.org/applegate)

[Forecasting - https://www.cips.org/Knowledge/Procurement-topics-and-skills/Developing-and-managing-contracts/Demand-Management1/forecasting1/](https://www.cips.org/Knowledge/Procurement-topics-and-skills/Developing-and-managing-contracts/Demand-Management1/forecasting1/)

[Risk Analysis and Management - https://www.cips.org/en-GB/Knowledge/Procurement-topics-and-skills/Risk-mitigation/Risk-Analysis-and-Management1/#tabs-2](https://www.cips.org/en-GB/Knowledge/Procurement-topics-and-skills/Risk-mitigation/Risk-Analysis-and-Management1/#tabs-2)

[Business Continuity Management \(BCM\)/Business Continuity Planning \(BCP\) - https://www.cips.org/en-GB/Knowledge/Procurement-topics-and-skills/Strategy-policy/Business-Continuity-Management-BCM--Business-Continuity-Planning-BCP1/](https://www.cips.org/en-GB/Knowledge/Procurement-topics-and-skills/Strategy-policy/Business-Continuity-Management-BCM--Business-Continuity-Planning-BCP1/)

[Cloud Mobile Solutions - https://www.cips.org/en/knowledge/procurement-topics-and-skills/ecommerce---systems/Cloud-Mobile-Solutions/](https://www.cips.org/en/knowledge/procurement-topics-and-skills/ecommerce---systems/Cloud-Mobile-Solutions/)