

FATS/3/XYPE Market Knowledge Matrix

Broad Capability Area	Narrow Capability Area	Narrow Area No.
Computing Technologies and Mathematical Techniques	Software, Solutions	0530
	Software, Integration	0531
	Software, Development	0532
	Software, Configuration Management	0533
	Software, Requirements	0534
	Software, Programming	0535
	Software, Quality Assurance	0536
	Networks	0542
	Middleware	0543
	COTS Software Assessment	0550
	COTS Software Integration	0551
	Software Architectures	0560
	Hardware Architectures	0561
	Parallel Computing	0562
	Distributed Systems Security	0581
	Mathematical Modelling	0600
	Mathematical Modelling Evaluation	0601
	OA Tools & Techniques	0610
	Object Oriented Techniques	0611
Rapid prototyping	0612	
Software Accreditation	0620	
Software Verification Technology	0621	
Information and Signal Processing Technology	Data & Information Management Technology	0630
	Data & Information Storage	0631
Integrated Systems Technology	Systems Engineering	1710
	Integrated Systems Design	1711
	Interoperability, Software	1721
	Integrated Systems Testing	1810
	Integrated Systems Evaluation	1811
	Middleware Systems, Applications	1820
Manufacturing Processes/Design Tools/Techniques	Concurrent Engineering & Reduced Design Cycle	2010
	Advanced Prototyping & Rapid Manufacture	2020
	Techniques & Systems for Production Manufacturing	2030
	Manufacturing Process Simulation	2050
	Knowledge Based Engineering	2090

see reverse...

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xype™ making it work engineering it consultancy, pdm, process & methods, software development, cad, performance monitoring, application & user support, cam, supplier integration, product visualisation, system migration, manufacturing it

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Broad Capability Area	Narrow Capability Area	Narrow Area No.
Business Processes	Requirements Capture	2650
	Requirements Engineering	2651
	Requirements, Business	2654
	Requirements, User	2655
	Requirements, Functional	2656
	Concepts	2660
	Product Definition	2661
	Business Case Support	2662
	Product Supportability	2670
	Whole Life Cycle Improvement	2680
	Business Process Simulation	2690
Project Management and Acquisition Support functions	Risk Management, Project	2760
	Risk Management Tools	2761
	Risk Consultancy	2766
	Quality Assurance Procedures	2780
	Quality Assurance Assessments	2781
	Technical Assurance Support	2782
	Technology Assessment & Analysis	2783
	Technical Documents, Support	2833
	Graphics, Design	2834
	Test Specifications	2842
	Integration	2850
	Benefits Analysis	2862
	Planning	2890
	Scheduling	2900
	Programme Management	2910
Earned Value Management	2920	
Control Techniques	2930	
Obsolescence Management	Obsolescence Impact Appraisal	2970
Human Factors Integration	People in Systems - Requirements Specification	3740
	People in Systems - Systems introduction	3760
	Job Design, Task Analysis, Function Allocation	3810
	Training - Individual & Team Training	3820
	Training - Education Solutions	3830
	Training - Development & Support	3840
	Training - Collective Training	3850
	Training & Education	3860
	Integration Processes	3930

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