

## Catalogue of Reference Architecture & Frameworks

Sr #	Industry Vertical	Framework	Description	Architecture Domains				Link to the Site	Comments
				Business	Application	Data	Technology		
1	Telecom	TMForum	eTOM, TAM and SID	X	X	X		<a href="http://www.tmforum.org">www.tmforum.org</a>	Integration Framework
		IBM	Service Provide Delivery Environment	X				<a href="http://www-01.ibm.com/software/industry/communications/framework/">www-01.ibm.com/software/industry/communications/framework/</a>	-
2	Oil & Gas	Energistics	Oil and gas exploration and production	X		X		<a href="http://www.energistics.org">www.energistics.org</a>	-
		MURA	Microsoft's Upstream Reference Architecture Oil & Gas and Mining	X				<a href="http://www.osisoft.com/Presentations/Microsoft-Upstream-Reference-Architecture--MURAx-%E2%80%93-Partner-Voices/">www.osisoft.com/Presentations/Microsoft-Upstream-Reference-Architecture--MURAx-%E2%80%93-Partner-Voices/</a>	-
		PODS	Pipeline Data Model			X		<a href="http://www.pods.org">www.pods.org</a>	Pipeline
		PPDM	Professional Petroleum Data Management			X		<a href="http://www.ppdm.org/ppdm">www.ppdm.org/ppdm</a>	Petroleum
3	Defence	AF-EAF	Air Force Enterprise Architecture Framework	X				-	-
		AF4MgtSys	Architecture Framework for Management Systems	X				-	-
		AGATE	French weapons systems	X	X		X	-	-
		AUSDAF	Australian Defence Architecture Framework	X	X			<a href="http://www.dtic.mil/dtic/tr/fulltext/u2/a625043.pdf">www.dtic.mil/dtic/tr/fulltext/u2/a625043.pdf</a>	-
4	Retail	ARTS	Association for Retail Technology Standards Data Model	X		X		<a href="http://www.omg.org">www.omg.org</a>	Operational Data Model
			IBM Retail Integration Framework	X				<a href="http://www-07.ibm.com/in/events/swu08/pdf/day1/retail/retail_integration_framework_session1.pdf">www-07.ibm.com/in/events/swu08/pdf/day1/retail/retail_integration_framework_session1.pdf</a>	-
			Oracle Retail Reference Model	X				<a href="http://www.oracle.com/us/solutions/retail-reference-model-ds-427725.pdf">www.oracle.com/us/solutions/retail-reference-model-ds-427725.pdf</a>	-
5	Banking	BAIN	Banking Industry Architecture Network	X				<a href="http://www.bian.org">www.bian.org</a>	Retail, Corporate & Private Banking
		MISMO	Mortgage Industry Standards Maintenance Organization	X		X		<a href="http://www.mismo.org">www.mismo.org</a>	-
		MIRA-CM	Microsoft's Industry Reference Architecture for Capital Markets	X	X	X	X	<a href="http://www.microsoft.com">www.microsoft.com</a>	-
		MIRA-B	Microsoft's Industry Reference Architecture for Banking	X	X	X	X	<a href="http://www.microsoft.com">www.microsoft.com</a>	-
			IBM Banking Industry Framework	X	X	X		<a href="http://www-01.ibm.com/software/industry/banking/framework/">www-01.ibm.com/software/industry/banking/framework/</a>	-
		IBM Banking Process and Service Models					<a href="http://www.ibm.com/support/knowledgecenter/en/SSRA3Z/welcome_family.html">www.ibm.com/support/knowledgecenter/en/SSRA3Z/welcome_family.html</a>	-	
6	Insurance	ACORD	Association of Cooperative Operations Research and Development	X	X	X		<a href="http://www.acord.org">www.acord.org</a>	-
		IRBI	Industry Reference Blueprint for Insurance	X		X	X	<a href="http://www.referenceblueprint.com">www.referenceblueprint.com</a>	-
		OMG - P & C Model	Object Management Group (P&C Model)			X		<a href="http://www.omg.org">www.omg.org</a>	-
			IBM Insurance Process and Service Models	X				<a href="http://www.ibm.com/support/knowledgecenter/en/SSRASJ/welcome_family.html">www.ibm.com/support/knowledgecenter/en/SSRASJ/welcome_family.html</a>	-
		IBM Insurance Application Architecture	X	X	X		<a href="http://www-03.ibm.com/industries/insurance/us/detail/.../E306719L15471P11.html">www-03.ibm.com/industries/insurance/us/detail/.../E306719L15471P11.html</a>	-	
7	Travel & Transportation		IBM Travel and Transportation Framework	X				<a href="http://www.ibm.com/industries/travel-transportation">www.ibm.com/industries/travel-transportation</a>	Rail, Airlines
			Open Travel Alliance		X			<a href="http://www.opentravel.org">www.opentravel.org</a>	-
8	Government	AGA	Australian Government Architecture Reference Models	X				<a href="http://www.finance.gov.au/sites/default/files/aga-ref-models.pdf">www.finance.gov.au/sites/default/files/aga-ref-models.pdf</a>	-
			IBM Government Industry Framework	X				<a href="http://www-07.ibm.com/events/id/download/meng_tav_gov_industry_framework_18nov2010.pdf">www-07.ibm.com/events/id/download/meng_tav_gov_industry_framework_18nov2010.pdf</a>	-
		UNPAN	United Nations Public Administration Network	X				<a href="http://www.unpan.org">www.unpan.org</a>	-
9	HealthCare		IBM Unified Data Model for Healthcare			X		<a href="http://www.ibm.com/support/knowledgecenter/en/SS9NBR/welcome_family.html">www.ibm.com/support/knowledgecenter/en/SS9NBR/welcome_family.html</a>	-
			IBM Reference Architecture for Healthcare and Life Sciences	X		X		-	-
			Microsoft Connected Health Care Framework	X	X	X	X	<a href="http://www.microsoft.com">www.microsoft.com</a>	-
			Open Group - Healthcare Enterprise Reference Architecture - HERA	X				<a href="http://www.opengroup.org">www.opengroup.org</a>	-
10	Media & Entertainment		IBM Media and Entertainment Framework	X		X		<a href="ftp://public.dhe.ibm.com/software/solutions/.../IBM_Media_Enterprise_Brochure.pdf">ftp://public.dhe.ibm.com/software/solutions/.../IBM_Media_Enterprise_Brochure.pdf</a>	-
			IBM Data Model for Energy and Utilities			X		<a href="https://www.ibm.com/us-en/marketplace/data-model-for-energy-and-utilities">https://www.ibm.com/us-en/marketplace/data-model-for-energy-and-utilities</a>	-
11	Energy and Utility	SERA	Microsoft's Smart Energy Reference Architecture for Utilities	X	X	X	X	<a href="https://enterprise.microsoft.com/en-apac/industries/power-and-utilities/microsofts-smart-energy-reference-architecture/">https://enterprise.microsoft.com/en-apac/industries/power-and-utilities/microsofts-smart-energy-reference-architecture/</a>	-
			IBM Solution Architecture for Energy & Utility	X	X			<a href="http://www.ibm.com">www.ibm.com</a>	-
			IBM Data Model for Energy and Utilities			X		<a href="https://www.ibm.com/us-en/marketplace/data-model-for-energy-and-utilities">https://www.ibm.com/us-en/marketplace/data-model-for-energy-and-utilities</a>	-
12	Automotive	AAF	Automotive Architecture Framework	X	X		X	<a href="https://www.gu.se/english/research/publication/?publicationId=250483">https://www.gu.se/english/research/publication/?publicationId=250483</a>	-
			IBM Reference Architecture for Automotive Industry	X				<a href="https://www.ibm.com/industries/automotive">https://www.ibm.com/industries/automotive</a>	-
13	Manufacturing		Microsoft's Reference Architecture Framework for Discrete Manufacturing	X				<a href="http://www.cloudblogs.microsoft.com">www.cloudblogs.microsoft.com</a>	-
		ChemRA	Microsoft Chemicals Reference Architecture - Process Manufacturing	X				<a href="https://cloudblogs.microsoft.com/">https://cloudblogs.microsoft.com/</a>	-
14	Supply Chain	SCOR	Supply Chain Operations Reference model	X				<a href="http://www.apics.org">www.apics.org</a>	-
15	Hospitality	HTNG	Hotel Technology Next Generation	X	X			<a href="http://www.htng.org">www.htng.org</a>	Hotel Industry