ABACUS® by Avolution

With operations in the Americas, Europe an Asia-Pacific, Avolution is the market leader in enterprise modelling and metrics-based analysis of architectures and their flagship product, *ABACUS*, is certified to support The Open Group's Architecture Framework (TOGAF™) Version 8 and earlier.

Through its certification from The Open Group®, Avolution can provide customers with assurance that ABACUS conforms to industry best-practice open standards. This means that organisations who want to base their Enterprise or Solution Architectures on TOGAF 8.1, 2008 or 9 can utilise ABACUS, as well as Avolution's training, professional services and partners, for this purpose.

Avolution, with its research partner, the University of Technology, Sydney (UTS), have a long history of standards participation. Through the 90s, the founders of Avolution (through UTS) were instrumental in developing THE international standard on architecture, IEEE 1471-2000. More recently, Avolution itself has been proud to have contributed to the most popular industry standard on architecture, the evolving TOGAF standard.
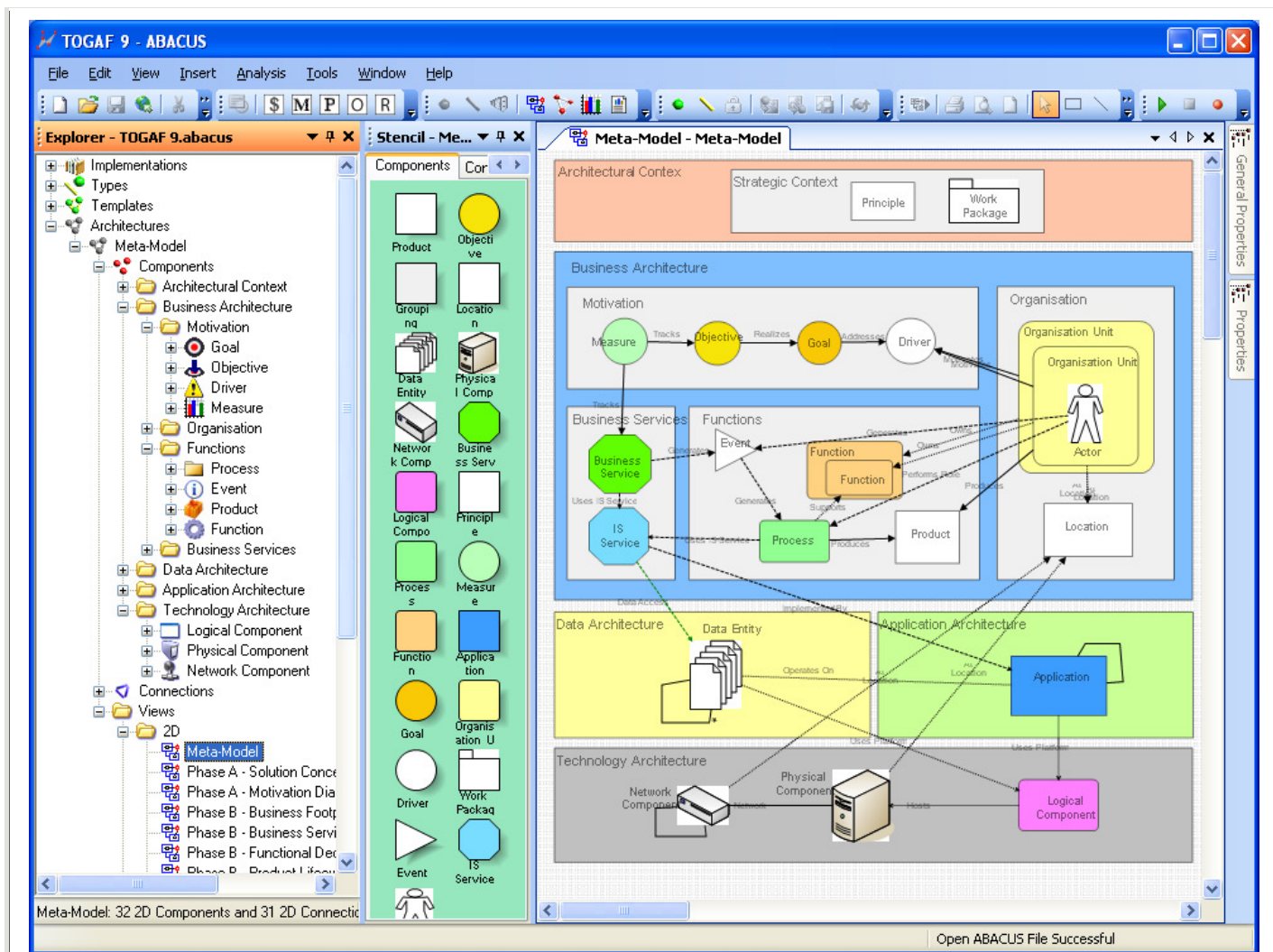
In addition to TOGAF 8.1, 2008 and 9, ABACUS also supports a plethora of other frameworks and notations including; ArchiMate, BMM, BPMN, DoDAF/MoDAF, FEAF, IAF, PeaF, SAP EAF, UML and Zachman to name a few. And most importantly, ABACUS' true ontological approach means that meta-models are very easily modified or created. All through simple 'drag-and-drops' and 'right-clicks' in the standard GUI in a matter of minutes.

Furthermore, ABACUS is unique to the enterprise modeling space in that it can create multiple solution alternatives (architectures) and then run various simulations (Discrete Event, Monte Carlo etc) against each alternative for metrics such as Performance, Cost and Availability. In so doing it can recommend the optimal path for investment, with predictive and quantitative certainty.

- Build any number of solution alternatives and views all according to a completely flexible meta-model, importing from MS Visio, MS Excel and many other formats.
- Analyse your architecture(s) for metrics such as; Total Cost of Ownership (TCO), Performance, Availability, Agility and many more.
- View the architecture(s) and the results of any evaluation using advanced techniques such as; 3D, heat maps, timelines, capability spaces and trade-off diagrams.

For further details please visit http://www.avolution.com.au or email us at info@avolution.com.au.

ABACUS® screenshot of a TOGAF™ 9 meta-model

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