

Prophet Professional

iWorks Prophet Professional is an integrated suite of actuarial systems used primarily by insurance companies to perform actuarial calculations including projections, reserving, asset liability modelling and stochastic modelling. It helps insurance and other financial services companies to meet their reporting responsibilities and improve risk management. Actuarial libraries, engineered separately from the modelling system, deliver solutions which can be customised and deployed around the world.

Accurate asset/liability projections are crucial to the success of any insurance or financial services company – but they are not the only requirement for actuarial software. To keep pace with the dynamic insurance industry, such a system must also handle multiple insurance-related calculations, and integrate with other vital business software. It must also be able to make these projections in every country where you do business. This is where Prophet can help.

Prophet Professional enables the end user to build and set up complex risk management models, and perform runs.

Meeting the Needs of a Changing Global Business Environment

Prophet Professional's flexible open architecture helps enable your business to compete in an economic environment facing financial industry convergence, globalisation, post-acquisition management pressures, and downsizing. The system adapts and integrates product features and reporting techniques. In addition, Prophet accommodates major financial standards around the world. Pre-built standard libraries allow for differing accounting bases, products, and regulatory environments in countries across the world.

Features and Benefits

Comprehensive Calculations

Prophet Professional (with its associated standard libraries) performs the major actuarial calculations that are essential for the successful management of a financial services organisation, enabling companies to build models for:

- Economic Capital
- Embedded Values (Traditional and Market Consistent)
- Asset/liability modelling and Cash Flow Testing
- Stochastic projections for risk based capital, European Embedded Values and Solvency II
- Product pricing and design
- Financial reporting
- Appraisal valuations
- Budgeting and planning
- Statutory valuations
- Gross premium valuations and recoverability analysis

Systems

- Runs on Windows-based operating systems including Windows 7 and Windows Server 2008 (R2)
- Full integration with Excel 2010 and 2007
- Improve performance using distributed processing functionality

The screenshot shows the Prophet Professional software interface. At the top, there are tabs for 'Start Page', 'Results Grid', 'Results Diagram View', and 'C_CPA...'. The main area is divided into two parts. On the left, a diagram view shows a flowchart where 'GROSS_PROFIT', 'O_TAX', and 'TRANSFER' are inputs to 'PROFIT'. 'PROFIT' is then further broken down into 'AD_PROFIT', 'DISC_PROF_A', 'DISC_PROF_B', 'DISC_PROF_C', 'NET_PROFIT', 'PD_PROFIT', 'PROF_SOLVM', and 'SEGMENT_OUT'. On the right, a data table is displayed with columns for 'GROSS_PROFIT', 'O_TAX', 'PROFIT', 'AD_PROFIT', 'DISC_PROF_A', 'DISC_PROF_B', 'DISC_PROF_C', 'NET_PROFIT', 'PD_PROFIT', 'PROF_SOLVM', and 'S'. The table contains data for the years 2011, 2012, 2013, 2014, and 2015. Below the table, there is a section for 'Core Formulas' with the formula: $GROSS_PROFIT(t) - TRANSFER(t) - O_TAX(t)$. A note below the formula states: '; Prior to Release 7.2, this formula was expressed slightly differently, but which produced the same results. The formula has been changed to enable certain models to run efficiently.'

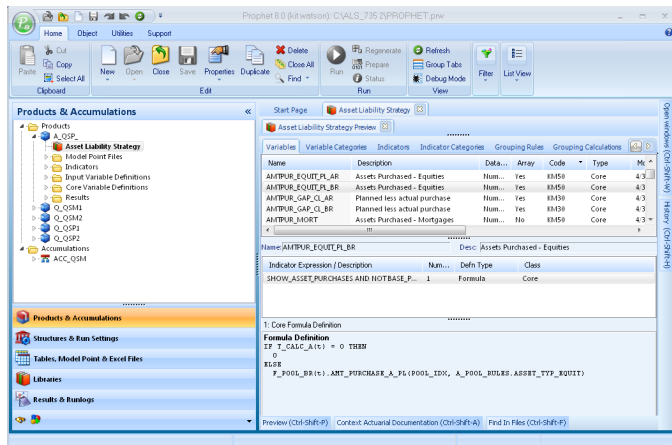
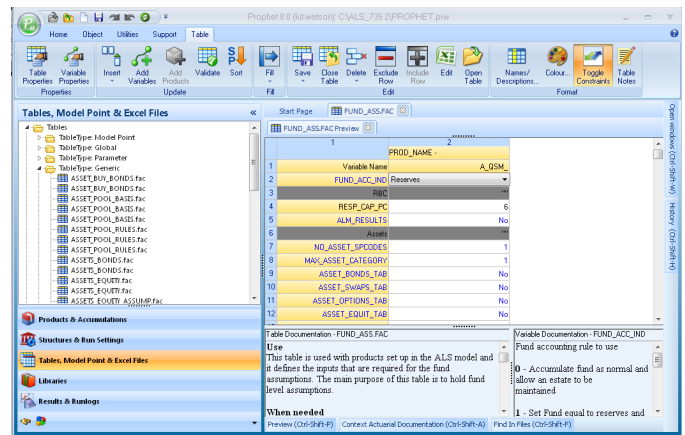
GROSS_PROFIT	O_TAX	PROFIT	AD_PROFIT	DISC_PROF_A	DISC_PROF_B	DISC_PROF_C	NET_PROFIT	PD_PROFIT	PROF_SOLVM	S
0.00	0.00	Dec 2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1862807.79	558842.34	2011	1303965.45	0.00	686104.33	6374710.86	7622323.45	1303965.45	0.00	1598939.88
1790150.34	537045.07	2012	1253105.17	0.00	600006.18	995650.30	6945269.99	1253105.17	0.00	1543647.27
1655038.89	495212.27	2013	1159826.22	0.00	514197.88	4774588.50	5536878.39	1159826.22	0.00	1442684.65
1503480.38	451044.11	2014	1052436.26	0.00	4322173.50	4043663.00	4610957.40	1052436.26	0.00	1330033.81
1347703.24	404310.97	2015	943392.27	0.00	3572842.32	3370619.50	3771368.45	943392.27	0.00	1212864.66

User Interface

- Very intuitive and easy to learn modern user interface
- Diagram View, a powerful feature for on-screen editing and tracking formula dependencies and results
- Flexibility through an open architecture
- Simple and flexible reporting through Excel integration
- Context-sensitive help on every screen
- Comprehensive on line help, detailed manuals and tutorials
- High quality helpdesk support including an online portal and a searchable knowledge base.
- Testing and regression harness

Modelling

- Standard libraries exist for most products and regions enabling very fast model builds and implementation time
- Full audit trails
- Uses common sense pseudo code – no need to know APL or C++
- System sequences code for you
- 32 or 64 bit calculations
- Ability to recharacterise any variable, such as changing its t-dependent status.
- Stochastic economic modelling and functionality – links to leading edge economic scenario generators



- Full stochastic and dynamic modelling capability for complex ALM runs
- Links to Intex and Andrew Davidson for complex securitised asset products
- Debugger to step through complex calculations
- Import and export of objects in the workspace
- Complete pricing capabilities, including goal seeking
- Intelligent Data Conversion interface – powerful data conversion system simplifies the transfer of data from existing systems to Prophet. Also includes ability to correct and validate input data and includes support for a large number of file formats.

About SunGard

SunGard is one of the world's leading software and technology services companies. SunGard has more than 20,000 employees and serves more than 25,000 customers in more than 70 countries. SunGard provides software and processing solutions for financial services, higher education and the public sector. SunGard also provides disaster recovery services, managed IT services, information availability consulting services and business continuity management software. With annual revenue of about \$5 billion, SunGard is ranked 434 on the Fortune 500 and is the largest privately held business software and IT services company. Look for us wherever the mission is critical. For more information, please visit www.sungard.com.

About Prophet

iWorks Prophet is a leading risk management platform used by the financial services industry around the world to model companies' financial business. Prophet's enterprise architecture provides the power and performance for models to run in a secure and controlled environment and fits in with companies' end-to-end infrastructure to produce management information required by decision-makers. It is used by more than 8,500 customers, in more than 650 sites, worldwide in more than 60 countries. Prophet Enterprise is now licensed by over 20 major financial groups, covering over 100 separate locations.

To contact us or for more information:

prophet.sales@sungard.com

www.sungard.com/iworks/prophet

www.prophet-web.com