



## Prophet Enterprise – Business Benefits

Business needs and new regulations continuously increase the demands placed on an organisation's risk management practice. There is increasing demand for the implementation of an enterprise risk management framework that addresses:

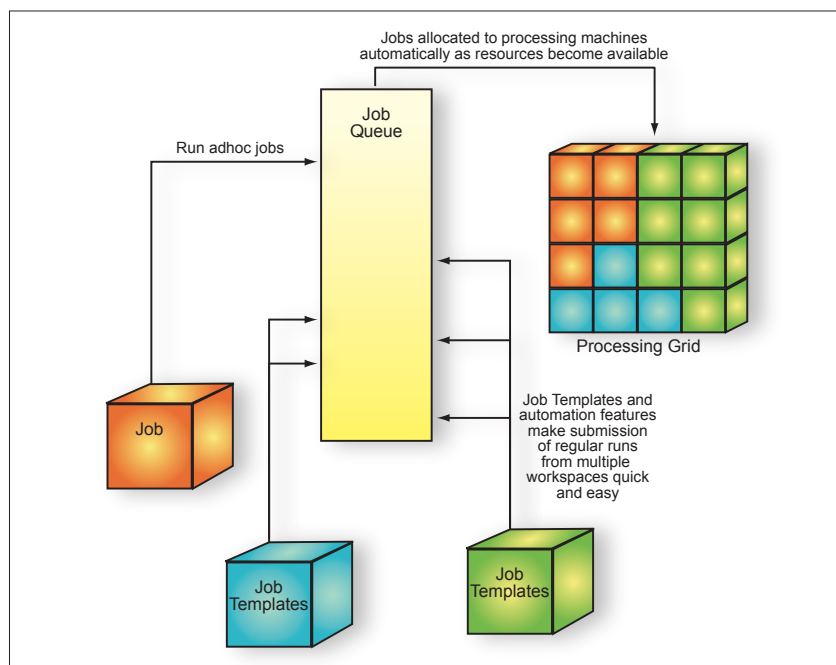
- Need to improve efficiency and productivity  
There is significant pressure to have greater automation in order to efficiently use actuarial and IT staff, particularly during critical times at period-end.
- Increased regulation  
Regulatory changes such as IFRS, C3 Phase III, PBA, ICA, EEV and Solvency II have increased the required volume of calculations and audit control requirements. The convergence of all regulatory requirements results in an increased demand for expert resources and a requirement to minimise turnaround time on needed reports.
- Need for more sophisticated modeling  
Stochastic modeling is a key component of the new reporting requirements resulting in an exponential increase in the volume of calculations necessary.

The requirement for risk management systems to provide greater performance, reliability, control, and scalability places an undue burden on actuarial and IT staff to find a suitable environment to perform all the necessary tasks. Traditional desktop actuarial modelling tools are ill-equipped to handle the scalability and performance capacity required.

The iWorks Prophet Enterprise Framework is a production environment that utilises best of breed technology in order to rapidly and efficiently execute models built in Prophet Professional. Through grid computing clusters, Prophet Enterprise maximises processing power resulting in reduced costs and increased productivity. The automation of these tasks frees up staff and processors to focus on critical activities.

## Features

- Fully automated process for job scheduling
- Optional multi-threaded, 64-bit processing
- Multi-user management
- Efficient use of processing power
- Scalable without the need for a third-party grid
- Enterprise-level reporting
- Sound development practices
- Fully audited process available through add-on component
- Security module available through add-on component
- HPC module available through add-on component



## Business Benefits

- Fully automated process for job scheduling enables critical actuarial staff to focus on core competencies rather than worry about IT requirements.
- Multi-threaded processing delivers efficient use of modern processors resulting in increased availability of processing space and time and overall reduction in cost across the enterprise.
- Fully audited process ensures accurate record keeping and audit history through the use of runtime and activity logs. Models are saved and locked down ensuring data accuracy and promoting transparency.
- Multi-user management features promote roles-based user permissions allowing greater flexibility and control. A system administrator is able to setup needed rights based on needed functionality.
- Security features follow standardised data protection methods designed to safeguard critical data.
- The calculation engine code has been optimised to improve the speed of calculations, Furthermore, a sound development methodology ensures sustainability of client models. The core components are expertly built to support technological advances without the need to re-code models.
- An enterprise-level system allows multiple users across a global organisation to set up runs, monitor progress, provide reporting, and manage results using a single central installation.

## Summary

Prophet Enterprise is a results production environment for Prophet models that delivers reliability, performance and scalability along with automation features to reduce costs and increase productivity.

## About SunGard

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## Contact Us

For sales enquiries:

Telephone: +44 (0)1932 757575  
Email: [prophet.sales@sungard.com](mailto:prophet.sales@sungard.com)

For support:

UK & Europe  
(excluding France, Switzerland, Germany and Austria)  
Telephone: +44 (0)1932 757555  
Helpdesk email: [prophet.helpdesk@sungard.com](mailto:prophet.helpdesk@sungard.com)

France  
Telephone: +33 1 44 71 8080  
Helpdesk email: [prophet.helpdesk@sungard.com](mailto:prophet.helpdesk@sungard.com)

Switzerland  
Telephone: +41 44 560 8425  
Helpdesk email: [prophet.helpdesk@sungard.com](mailto:prophet.helpdesk@sungard.com)

Germany and Austria  
Telephone: +49 69 70768 400  
Helpdesk email: [prophet.helpdesk@sungard.com](mailto:prophet.helpdesk@sungard.com)

Asia/Pacific  
Telephone: +65 6416 1490  
Helpdesk email: [sgap.iworks.support@sungard.com](mailto:sgap.iworks.support@sungard.com)

The Americas  
Actuarial Resources Corporation  
Telephone: +1 (913) 451 0044  
Helpdesk email: [prophet@arcval.com](mailto:prophet@arcval.com)

[www.sungard.com/iworks/prophet](http://www.sungard.com/iworks/prophet)