



MANAGED CLOUD SERVICES FOR ACTUARIES AND RISK MANAGERS

The power of Prophet, in the cloud.

Actuarial Modeling Is Under Pressure

Today's insurers must meet rising demands for more frequent and detailed insights into their business, from regulators and senior managers alike. To keep pace, firms need increasingly sophisticated actuarial models.

But managing the IT infrastructure and processes that typically support risk models can drain resources and stretch in-house expertise beyond capacity. And as the modeling environment becomes even more complex, you need peak performance without driving up costs.

Lighten the Load with FIS' Prophet Managed Cloud Services

FIS delivers our leading modeling and risk management platform, Prophet, from the cloud through a range of hosted and managed services. With scalable solutions to suit all types of insurance business, we allow actuarial and risk management teams to access the compute power they need, when they need it – and leave us to handle system provisioning, maintenance and administration.

With expertise in both the Prophet end-to-end suite and managing applications in the cloud, our specialist teams can help you plan and quickly adjust your cloud environment to match your models and fluctuations in their workload.

While adhering strictly to industry principles and internal policies, we proactively manage and support the environment, its security and our application as a single service within a global delivery model.



Why Move to the Cloud?

Deploying Prophet through one of our cloud-based managed services can help you to:

Cut costs

By outsourcing the provision of Prophet's infrastructure and support of the cloud environment to FIS, you can significantly reduce expenditure. With no capital outlay for hardware, your start-up costs will be low and your cashflow predictable over the long term.

Another cost-effective advantage of accessing Prophet via the cloud is that you only ever pay for the infrastructure you use. So, in quiet times between modeling runs, you won't incur unnecessary costs, and can simply "switch off" your environment when it's not in use.

Free up resources

Whether actuaries or IT, your in-house teams will want to apply their talents to tasks that add value. Our cloud services allow them to do just that – and focus on important business challenges rather than operational issues. Plus, you won't have to recruit or retain costly technology experts just to manage our application.

If you run Prophet Professional through one of our managed cloud services, we'll take on the management of your desktop environments and IT upgrades. With Prophet Enterprise, all responsibility for building and maintaining your supporting infrastructure falls to FIS.

Increase agility

Through a virtualized, highly elastic cloud environment, you can more quickly react to the demands of your business and scale the power of your environment to handle peaks in workload during reporting cycles.

Meanwhile, we can help you manage multiple environments in parallel to improve governance for testing, pre-production and production. Temporary environments can also be provisioned for upgrade testing and special projects.

Streamline support

As we deliver the hardware, operations team, underlying systems and software as a single cloud service, under one contract and support arrangement, there are no gaps for problems to fall into.

Should an issue arise, proactive monitoring will make sure it is diagnosed, tracked and resolved efficiently, without time-consuming transfer of data or log files between clients and providers. We consistently meet strict service level agreements (SLAs) for availability, response and resolution, based on ITIL principles.

Secure your data

In covering the end-to-end delivery and management of clients' actuarial landscape, we take full responsibility for that landscape's security. Again, we incorporate ITIL best practices, along with our own strict internal security policies, validated through annual SOC 2 auditing of the cloud environment.

Optimize performance

Providing 24/7 support of mission-critical systems is a core competence of FIS. Our teams are strongly focused on performance and availability, and have many years' experience of delivering managed cloud services. As the vendor of the underlying applications, we develop our software to not only execute actuarial functionality, but also work seamlessly with cloud services.

To this end, we help clients plan an environment that best matches their various model types and workload patterns. We also carry out regular reviews to ensure that each component is performing at the peak of its powers and is continually optimized for cost-efficiencies.

Transform operations

By giving you easy, affordable access to additional Prophet applications and supporting infrastructure, our cloud services will enable you to achieve best practice, rationalize your modeling and production operations, and improve transparency, auditability and compliance.

We can extend your cloud environment to include process automation, audit documentation and more efficient regulatory reporting. And ultimately, we can help you align your modeling operations better with your business's agenda to strengthen risk management and boost profitability.

Choose the Prophet Managed Cloud Service That Meets Your Needs

Whether you're a multinational company or a smaller insurer, our range of managed cloud services will help you provide a more agile platform, deliver more results faster and better manage total costs.

PROPHET MANAGED CLOUD SERVICE (PMCS) A full-service public cloud solution

Through a single contract, PMCS offers a comprehensive managed service that includes access to ringfenced computing infrastructure in the public cloud. For a truly elastic and scalable modeling environment, we provide PMCS in collaboration with the world's leading public cloud providers, Amazon Web Services and Microsoft Azure.

Whether you have only a small actuarial modeling team or major stochastic reporting requirements, PMCS will help you manage rapid fluctuations and pronounced spikes in production. You'll never pay for latent capacity, and we'll continually provide the support and environment your usage dictates, with management services making sure you always work with the latest technology and software.

You'll benefit from PMCS if you use Prophet Enterprise to power and control a large production environment. But if you run Prophet Professional on a smaller scale, you can also upgrade to the service and pay for any extra processing capacity you need – but only when you need it.

PMCS EQUIP

While PMCS is ideal for medium to large enterprises, not all insurers need its scale, depth of functionality or high levels of support. If you have a smaller footprint, use Prophet Professional and wish to move to the cloud, PMCS Equip is a new service designed with firms like you in mind.

For an affordable monthly subscription per user, you'll get all you need from a managed public cloud service, including regular upgrades and access to Prophet's latest features. Again, you'll pay only for the compute power you consume.

Key Features of Prophet Managed Cloud Services

Application provisioning

- The full range of Prophet applications
- Inclusive upgrades
- Supporting tools, e.g., SQL and Excel

Capacity management

- Compute capacity planning and elasticity management
- Scheduled or elastic compute options
- Storage capacity management

Comprehensive support

- 24/7 service desk
- Application support provided by FIS' subject matter experts
- Service management and reporting
- Additional optional actuarial services

Environment management

- Application and infrastructure monitoring
- Configure and test security settings
- Disaster recovery planning and testing

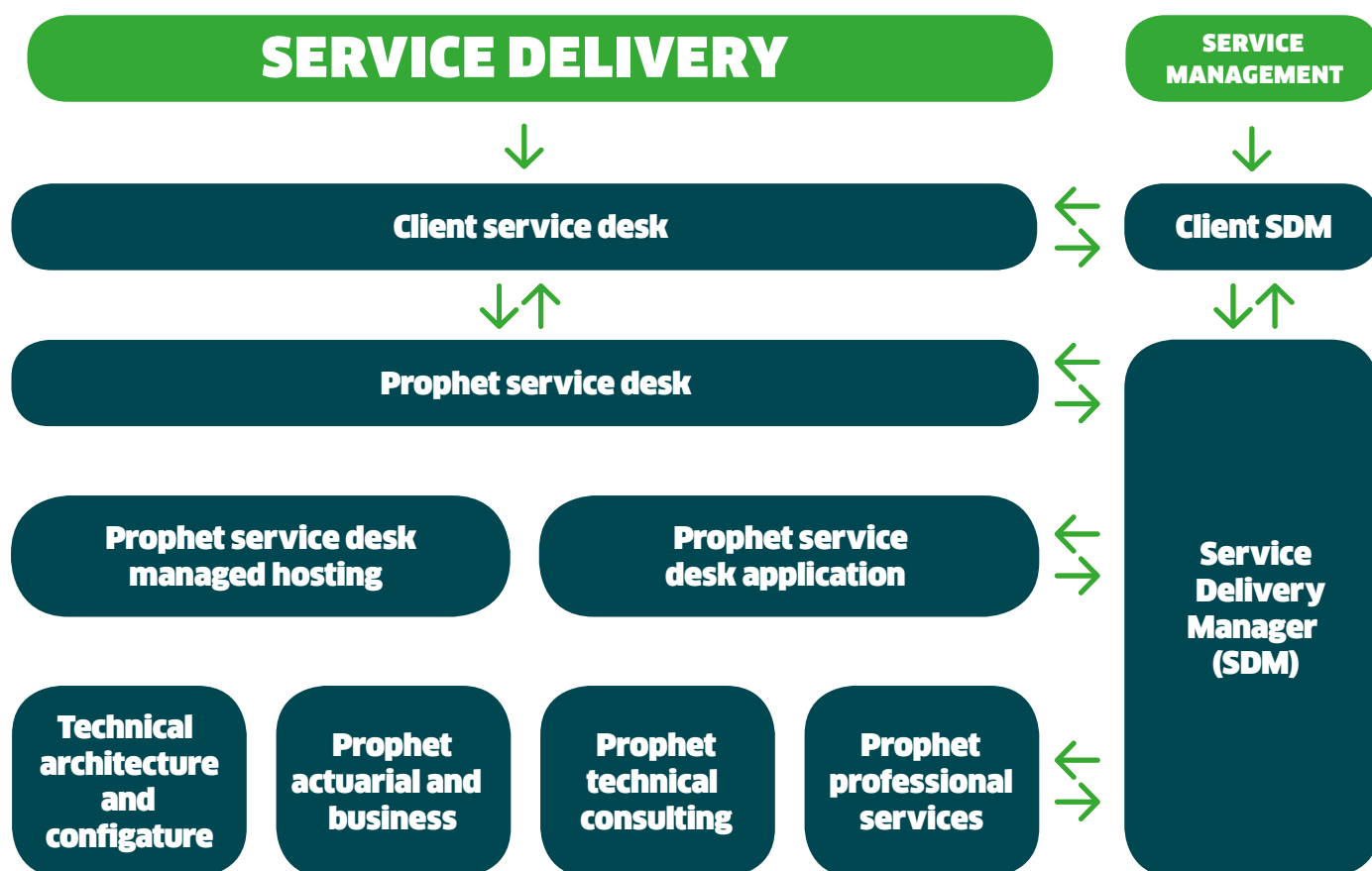
Multiple environments

- Hosting of development, test and production environments, for end-to-end support of actuarial processes
- Hosting of multiple versions for upgrade testing

Integrated support

- Dedicated support of technology and application issues, planning and business change needs
- Single point of contact

Prophet Cloud Services Delivery and Management



FIS' Prophet

Prophet is an enterprise risk management system that brings high performance, control, scale and automation to actuarial modeling, for internal risk management and external reporting. It is used by more than 10,000 insurance professionals globally across nearly 1,000 sites in over 70 countries.

Either on-premise or in the cloud, Prophet offers separate environments for developing and producing actuarial models, full control and audit across data input, results output and end-to-end workflow – and clear, easily comprehensible example models. With uniquely broad functional coverage, Prophet offers over 20 libraries for different insurance and banking businesses, regional regulations and product types – and provides a readymade solution for compliance with IFRS 17.

About FIS

FIS is a global leader in technology, solutions and services for merchants, banks and capital markets businesses. We drive growth for clients by creating tomorrow's technology, solutions and services to modernize today's businesses and customer experiences. FIS applies our scale, deep expertise and data-driven insights to advance the way the world pays, banks and invests. We help our clients innovate with purpose and deliver experiences that are more simple, seamless and secure. Headquartered in Jacksonville, Florida, FIS employs 55,000 people worldwide who are dedicated to helping our clients solve for the future. FIS is a Fortune 500® company and is a member of Standard & Poor's 500® Index. To learn more, visit www.fisglobal.com. Follow FIS on Facebook, LinkedIn and Twitter (@FISGlobal).

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