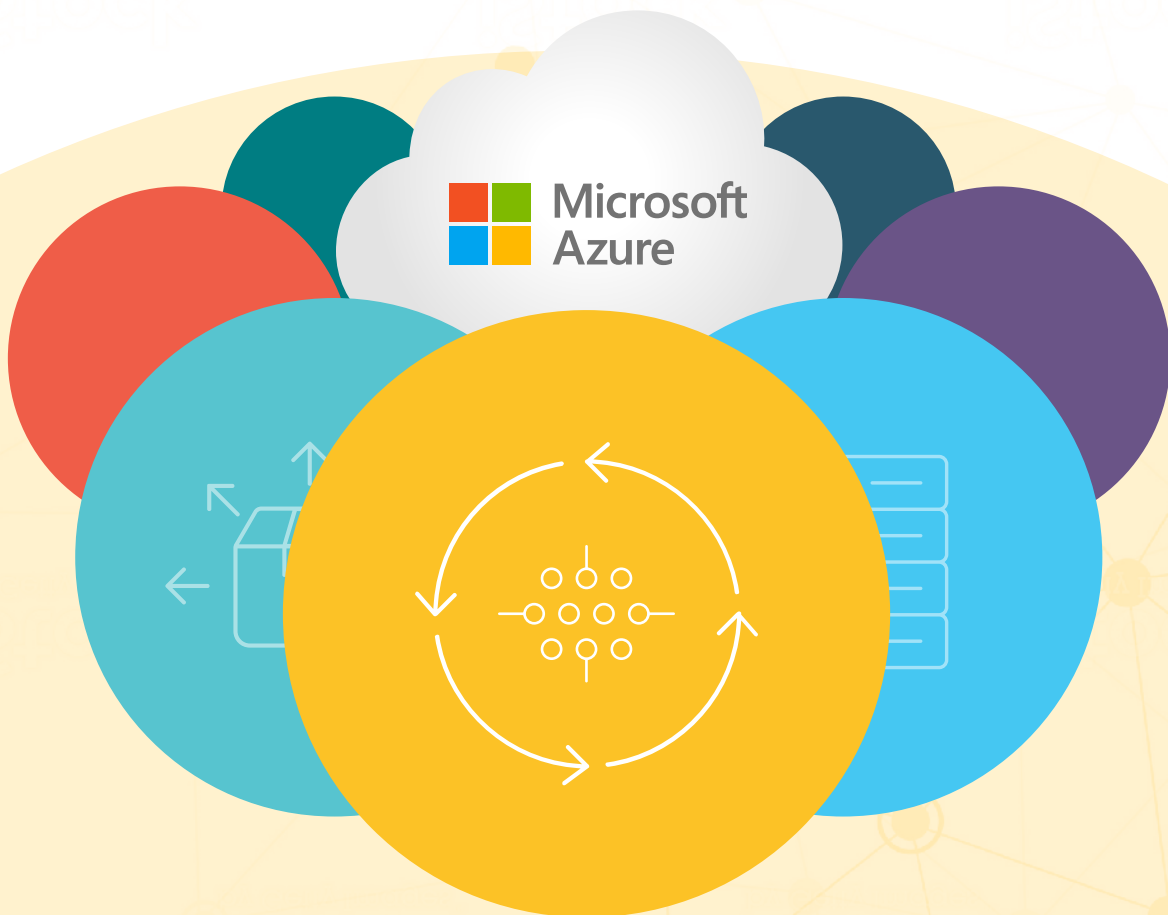# Cobweb Infrastructure Modernisation

Infrastructure-as-a-Service – Lift, Shift and Optimise

The November 2018 CIF (Cloud Industry Forum) paper, *Cloud – The Next Generation*, defines cloud computing as relating to "the IT infrastructure and environment required to develop/host/run IT services and applications on demand, with consumption-based pricing, as a resilient service".

The same paper reports that the last seven years have seen "the levels of cloud usage accelerate dramatically. We have reached a point where almost all organisations are consciously using cloud-based services to some extent and are realising significant benefits in terms of flexibility, agility and cost as a result."

At Cobweb, we are seeing increasing numbers of customers turn to the cloud to meet business strategy and growth goals, and in particular, a rise in the number of businesses moving on-premise IT infrastructure to the cloud.

Why move on-premise IT infrastructure to the cloud?

There are various potential triggers than can prompt organisations to move on-premise IT Infrastructure and applications to the cloud, and which include:

- Rising on-premise IT infrastructure costs
- An aging or out-of-support legacy IT infrastructure
- Security threats
- Storage capacity limitations
- Increased agility required to deliver business growth
- Complex availability and disaster recovery needs
- New compliance regulations.

Benefits of moving to the cloud include:

- Increased agility
- Enhanced security
- Lower costs – for example, through the ability to take advantage of unique cloud offerings, such as paying up front for resources for 1 or 3 years.

Who is the Infrastructure Modernisation service for?

Cobweb's Infrastructure Modernisation service has been created to support any business looking to address IT infrastructure challenges and to meet business growth and transformation goals.

Whether a single on-premise server, a small comms room or a full-blown data centre, moving to the public cloud delivers increased agility, enhanced security and lower costs. Cobweb's team of cloud experts have been helping businesses of all size move to the cloud for over 20 years and our teams are here to help.

What does the Infrastructure Modernisation service provide?

The Cobweb Infrastructure Modernisation service is designed to help businesses transform an existing on-premise or hosted IT infrastructure to Microsoft Azure-based.

Using industry best practice and more than 20 years' experience helping customers move to the cloud, Cobweb's cloud experts will work in partnership with your team to assess, migrate to and optimise your existing IT infrastructure in the Microsoft Azure cloud, and can provide ongoing service management of your new IT infrastructure.

The service comprises the following phases:

Assess

During the assessment phase, the Cobweb team will:

- Gain a full understanding of your business transformation goals
- Assess and review the existing IT infrastructure and applications to evaluate migration readiness
- Identify a desired future state IT roadmap
- Propose a new cloud solution design to enable you to achieve your business goals.

Migrate

Based on the output of the assess phase and the agreed target solution, the Cobweb team will use one of the following methodologies to move your infrastructure to the cloud:

- Rehost: a simple and cost-effective 'Lift and Shift' of your existing IT infrastructure to the Microsoft Azure cloud
- Refactor: where possible, we will move appropriate elements of the IT infrastructure to Platform-as-a-Service (PaaS) solutions, to drive scalability and cost efficiency gains – for example, by moving existing SQL databases to SQL Azure
- Replace: with this option, there's transition from an infrastructure-based model to a Software-as-a-Service (SaaS) solution – for example, by moving an on-premise legacy accounting application to Microsoft Dynamics 365 Business Central.

Optimise

The optimise phase comprises:

- Analysis and monitoring to manage cloud spend and use, to allocate and trim costs to build towards your next cloud investment
- Use of security and management tools to govern, secure and monitor your cloud investment.

Manage

Cobweb's optional managed services include

- Monitoring your cloud infrastructure
- Reactive support
- Security and patch management
- Backup.

Why Infrastructure Modernisation with Cobweb

At Cobweb we support you with a team of engineers and solution architects who have designed and deployed cloud solutions for more than five thousand customers over 20+ years, and helped organisations of all size to migrate on-premise IT infrastructure to the cloud.

Our experts help at every stage of your cloud journey – from planning and assessment, to implementation, knowledge transfer and managing your cloud environment over the long-term.

We offer cross-disciplinary expertise that considers your current environment and goals to design an appropriate strategy and solution for your business.

Next steps

For more information about Cobweb's Infrastructure Modernisation, call any of the Cobweb team on **0333 009 5941**, or email **hello@cobweb.com**. We're here to help.

Let the Cloud work for you. Call us now to find out how Cobweb can help your business become more agile, productive and mobile.
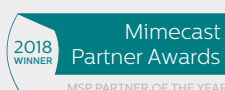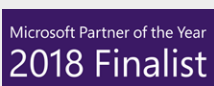
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About Cobweb
Cobweb is one of Europe's largest cloud solutions providers. Founded in 1996, the company draws on in-depth expertise and decades of experience in what is now known as cloud, empowering organisations of all sizes to grow into flexible, agile businesses through the deployment of best-of-breed cloud technologies.

A member of the Cloud Industry Forum and a Microsoft Gold Certified Partner, Cobweb was the first provider in Europe to deliver Microsoft cloud services through the Microsoft Cloud Solution Provider programme. The company prides itself on innovation and liberating its customers and partners through technology. This is backed up by UK support and advice 24 hours a day, 365 days per year. Based in London and Dubai, with an operations centre on the south coast, Cobweb is a British company with a global outlook.

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2017 WINNER
Microsoft Cloud & Hosting Summit
CSP MOMENTUM PARTNER AWARD

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