

QUANTIQ'S Platform Modernisation

Gain Maximum Advantage from your Migration to the Cloud

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Though cloud adoption is gaining power, a lack of knowledge and guidance has resulted in many organisations undergoing trial and error approaches, and not being able to make the most of the benefits from their migration to modern cloud platforms and applications.

QUANTIQ's Azure Experts will take your specific needs into consideration and, with the Platform Modernisation Service, will focus on modernising existing applications.

Features

To take full advantage of the cloud, a migration to Azure Platform Services is required. Here, the full benefits of the cloud can be realised for your organisation:



Patching and many other maintenance tasks are handled automatically by the platform.



Streamlined workflows support rapid software updates.



Services can auto-scale based on usage, and the full power of all Azure services is available.

The Process

1 Modernisation Assessment:

Prior to modernising a workload, it is imperative to understand your organisation's current environment and to define what the migrated workload will look like. The Modernisation Assessment will allow for a comprehensive migration process, as well as costs being visible and clear. The Modernisation Assessment plan typically has three main phases:

- **Discovery phase:** Current applications and infrastructure are documented, as well as the business context and overall goals for the migration.
- **Planning phase:** A detailed cloud design and modernisation plan are constructed.
- **Evaluation phase:** Builds the business case for review and sign-off.

2 Modernise:

During the modernisation phase, QUANTIQ will take the recommendations highlighted during the Assessment Plan and action. The following steps may be taken based upon the requirements of the application and its components:

- Modernisation of existing applications or discrete application components by **re-platforming** them to Azure PaaS services in an optimised way – without code changes.
- Modernisation of existing applications by **refactoring** the applications to include cloud-native design considerations and leverage PaaS technologies.
- Modernisation of existing applications by **rearchitecting** the applications, to apply proven cloud design patterns to migrate the application into a ‘cloud-native’ application. Utilising technologies such as micro services and containers.
- Evaluation and testing to ensure the applications meet the criteria identified in the assessment.

3 Optimisation and Adoption (or Management)

The optimisation phase will see QUANTIQ use Azure security and management resources to govern, secure, and monitor your cloud applications. During this process, QUANTIQ’s Azure Experts will help you discover opportunities to optimise your spending:

- Review Azure Cost Management and Azure Advisor to track spending and identify areas for cost savings.
- Evaluate migrated applications for opportunities over provisioned services.
- Implement automation to resize based on a utilisation schedule.
- In addition, during this phase, your environment will transition to customer management, providing knowledge transfer and support into BAU. **Alternatively, transition to managed service is available.**

Contact Us today

Our QUANTIQ Azure Experts are ready to help you start migrating, the QUANTIQ way. From business planning, to training, to security and governance, we have all your Cloud needs covered. [Contact us](#) today to start your Azure journey.