Microservices

Microservices is a software development technique that structures an application as a collection of loosely coupled services. It moves away from the traditional Monolithic architecture, which are expensive to change and difficult to scale, and brings together a number of smaller services to create simple and adaptive software solutions.

O1 Accelerated turnaround

04 Make change less expensive

02 Improve fault isolation & resolution

05 Unleash innovation

Freedom of technology:

You can choose technology that is best suited for a particular functionality.

Easier to scale:

Traditional Monoliths approach require having to scale the whole application. Microservice approach means each individual service can be scaled separately.

Easy to change: Separate services can be developed quickly.

Less downtime:

When an application fails, other applications around it are unaffected.

03 Enable on-demand

flexibility & scalability

AQOVIA

Evolution of architecture

A microservices approach enables an almost plug and play integration of discrete services internally and externally to an organisation.



"Companies such as Netflix, Gilt, Paypal, and Conde Nast are known for their ability to scale high-volume websites, yet even they have recently performed major surgery on their systems. Their older, more monolithic architectures would not allow them to add new or change old functionality rapidly enough. So they're now adopting a more modular and loosely coupled approach based on microservices architecture." (PWC)

Traditional Approach

A traditional application (Web app or larger service) usually has most of its functionality

Microservices Approach

A microservice approach segregates functionality into small autonomous services.



A cultural shift and adoption of microservices is not simple or easily achieved. Aqovia have been practicing and implementing microservices for more than 5 years and partner with our clients to achieve a clear and transparent communications framework, leverage automation and implement tools to help teams achieve rapid productivity gains.

Aqovia's experts will conduct a review of your existing technology applications and infrastructure and recommend the best approach to develop, test and deploy microservices based applications. Aqovia deploy software solutions using an agile framework, ensuring high product quality, greater customer satisfaction and a faster ROI.

