Codurance
Cloud Native Review

Codurance's 3-day Cloud Native Review measures the current maturity of your technology and provides an actionable plan to harness the power of the Microsoft Azure Cloud to evolve your business.

The Cloud Native Advantage

Cloud Native architectures deliver real business benefits that help you unlock new customer value by allowing your systems to be agile enough to react to changing customer demand before your competitors can do the same. The Codurance Cloud Native Review will help you understand what you need to do to bring scalability, resilience, adaptability and above all, business agility to the architecture of your software systems and the organisational systems that surround them.

The first stage to a Cloud Migration is often to 'lift and shift' your existing servers, and with it your existing architecture, from your on-premise or data centre servers into the Cloud. When you go through this process you will deliver cost savings to your IT organisation and you will find it easier to scale your servers, but you won't have unlocked the full potential of the Cloud to deliver Business Agility through Cloud Native systems. This is why a Cloud Native approach should always be the ultimate goal for any organisation.

How it works

Our team of Codurance experts will spend 3 days with your application and infrastructure architects and your business stakeholders to understand if your software and business architecture are currently delivering what the business needs and what needs to be done in order to maximise the opportunities presented by the Microsoft Azure Cloud.

DAY 1

- Orientation workshops to understand the state of your systems
    - The current infrastructure landscape
    - The current software assets landscape
    - The structure of the teams in product, business and technology that manage the value streams of your organisation

DAY 2

- Product and Technology Visioning Workshops
    - Understand the constraints on your business imposed by your current technology landscape
    - Shape the technical vision so that it is capable of servicing your future business needs

DAY 3

- Applications Deep Dives
    - Identification of the most important assets within the organisation
    - Deep dive into the architecture of those assets to start to understand the work needed to make them Cloud Native

Outcomes and deliverables

After the 3 day assessment our experts will spend up to two weeks working to create the custom action plan for your business. We will present the findings back to your stakeholders which will include:

- A clear set of recommendations that can be carried out immediately without any outside help
- A technical vision aligned to your business and product visions
- A roadmap for immediate implementation and a proposal identifying where and how Codurance can help you re-architect your business and systems to be Cloud Native

This includes:

- Designing for Resilience:
  - How to design your business and its assets so that resilience is baked into the system.
  - Eliminating single points of failure in software, infrastructure and business.
  - Designing software that is resilient to failures in other parts of the system.

- Designing for Scalability:
  - Understanding the right bounded contexts for your systems allows you to deploy functional units independently.
  - A well architected system will allow only those parts that need more resources to get the resources they need when they need them.
  - Organising the systems around the business units will promote better alignment throughout the organisation leading to better business outcomes.

- Designing for the Future
  - Cloud native application will allow the full power of the cloud to be available to your systems now and in the future.
  - A well architected decoupled system will allow you to target your changes where they are needed without risking damage to other capabilities. Your business units will be closely aligned with their own technology organisation ensuring your ability to deliver customer value quickly and often.

The Codurance Difference

Whichever stage of the digital journey your business is on, we can help you to evolve. Codurance is a global software consulting business, providing industry-leading expertise in modernising and building well-crafted software, advice on aligning technology choices to business goals and creating sustainable teams through training and coaching. We help our clients unlock the power of the Microsoft Azure Cloud to drive greater business advantage and value. Find out more and see who we are helping in your industry at **codurance.com**