

Azure DevOps Integration, Delivery and Support



Service Overview

Telefónica Tech provides DevOps integration, delivery and support services for data engineering and cloud platform solutions. We offer the full spectrum of Azure DevOps expertise including Boards, Repos, Pipelines, Artefacts and Test Plans and how your organisation can adopt the processes and concepts and evolve your DevOps practices. Telefónica Tech has a proven track record of providing consultancy on Agile Development Practices to customers, including technical configuration of DevOps tools and consultation to develop agile ways of working and establish Application Lifecycle Management Centre of Excellence capability. The technical consultancy encompasses selection, design, and implementation of the DevOps Toolchain enabling collaboration, knowledge management, version control, code to cloud security, managing requirements, standardised work item templates, estimation, feature prioritisation, release governance, testing, continuous integration/continuous delivery, and operational intelligence/observability. Once the foundational toolset is implemented,

Telefónica Tech matures the customer's DevOps capabilities to enhance developer environments, DevSecOps, compliance management (e.g., compliance as code), well-architected framework (e.g., cost optimisation), shift-left testing, platform operations, and SecOps. Ways of working development and coaching include establishing agile methodology, agile ceremonies, estimation, and feature prioritisation. Telefónica Tech delivers all cloud projects with code, typically using the customer's Azure DevOps organisation or AWS Control Tower and cloud formation templates, supported by a library of in-house developed templates and a dedicated Azure DevOps team. Examples include developing a templated research environment for the health sector requiring agile methodologies and delivering Azure cloud foundations for law enforcement agencies via infrastructure as code (IaC) using Azure DevOps. An effective DevOps approach is achieved by automating policy and including it in the software development lifecycle (SDLC) with continuous compliance checks, such as integrating policy checks into CI/CD pipelines for automated validation before deployment. Telefónica Tech's technical consultancy for DevOps includes configuring tools for collaboration, version control, CI/CD, and operational intelligence, and maturing DevOps capabilities to enhance developer environments, DevSecOps, compliance management, cost optimisation, shift-left testing, platform operations, and SecOps. Delivery is typically via Azure DevOps or AWS Control Tower and cloud formation templates, supported by a dedicated Azure DevOps team and in-house templates. Telefónica Tech provides ongoing support, coaching in agile methodologies, and continuous compliance automation within the SDLC.

Our offering includes the following features:

- Implement DevOps practices and foundational processes into your existing workflows
- Leverage the full potential of Azure DevOps
- Define automated Azure DevOps CI/CD pipelines for infrastructure and code.
- CI/CD DevOps best practice coaching and advisory services
- DevOps adoption services and roadmap
- Training in DevOps approach, tools, and technologies
- Assessment existing DevOps maturity
- Creation of DevOps processes, governance, change and release management
- Design and develop CI/CD pipelines using Terraform, ARM or Bicep.

Our Deliverables:

- Continuous integration and delivery improved with automation
- Increase efficiency with DevOps/MLOps automations
- Proven understanding of Government culture, challenges and Transformation agenda
- Work collaboratively with internal teams to develop capability
- Minimise costs of your Cloud DevOps environment
- Rapid and automated delivery
- Improve DevOps adoption within your organisation
- Undertake the organisational and cultural shift to adopt DevOps practices

Why Telefónica Tech?

1. Our Propel method gets you from idea to working solution fast. This lets you unlock value quickly from your modernisation initiatives.
2. We have deep expertise across the full app stack with proven customised solutions that speed your modernisation.
3. We help you adopt change with less risk and disruption, using modular delivery that keeps compliance and quality high.

We focus on high-value apps and features that deliver clear business impact.

Additional Services to Elevate Your Business

Cloud Strategy

Scale cloud adoption for maximum business impact.

GreenOps

Measure and optimise your cloud carbon footprint, making your cloud operational sustainable.

FinOps

Optimise your cloud spending and boost financial accountability.

Multi-Cloud

Deliver workload freedom by deploying your workloads across multiple cloud providers seamlessly.

Cloud Managed Services

Expert management and support for your cloud environment.





Leading the Way in *Digital Transformation* for our Customers

Telefónica Tech unlocks the power of integrated technology, bringing together a unique combination of the best people, with the best tech and the best platforms, supported by a dynamic partner ecosystem to make a real difference to every business, every day.