

Modernise your platform in a cloud-first agile way

Why would you transform your application environment? Well, you not only benefit from greater efficiency, agility and scalability, you also gain valuable insights to help improve your overall customer experience. But application modernisation is more than just technology. You need a comprehensive approach that aligns to business outcomes, examines the current IT environment, assesses the gaps – and develops a customised, process-led modernisation strategy. Through a joint assessment and discovery session, we'll assess your applications and determine the best approach to reengineer them so that they work most effectively in a cloud environment.

For our customers, the cloud is about building new revenue lines, new optimisations to business processes, and new business ideas to power the future.

Today's enterprises look at digital natives, and want to innovate at a similar speed. The cloud enables this agility for the modern enterprise, while delivering the scale, security, and the maturity that enterprises demand.

We evaluate your current state against business, functional, technical and cost objectives. And then we align your teams' skills – or gaps – with modern development processes and technologies.

Our application modernisation services will help you:

- deliver a better customer and user experience
- automate as much as possible
- make intelligent decisions based on business logic
- experiment and innovate more
- get customisable and integrated application and testing models
- benefit from products that get better over time
- drive tighter feedback loops and quicker releases.

We can also help in cloud-native application development, as well as offering testing services to bolt on to your modernisation programme or use as a standalone service.

Unlocking the real benefits of cloud adoption

- **Accelerate innovation:** Transform your business, processes and technology to increase agility.
- **Develop at cloud scale:** Leverage fully managed platform services, adopt auto-scaling and design self-healing systems that scale seamlessly and remain resilient.
- **Enhance security:** Improve your security posture by leveraging newer application frameworks and services.
- **Reduce costs:** Stop paying for idle resources by leveraging services, frameworks and infrastructure that's on when you need and off when you don't.
- **Automate everything:** Enjoy the confidence that comes with automated testing, building and software deployment, allowing you to release early and often.
- **Focus on your core competencies:** Adopt platform services to offload undifferentiated work, so you can focus on what's important.

of new applications are
expected to be cloud-native.

IBM, Institute for Business Value study
(150+ top enterprise executives).



Maximise agility, reliability and cost control

Many companies taking steps toward application modernisation are blocked by the complexity of public cloud technologies, modern architectures and the new processes and development workflows that come with them. With deep expertise in cloud-native development, we'll help you re-engineer your legacy applications to maximise the agility, reliability and cost-saving benefits of the cloud.

Understanding where you are

Discovery session: A joint whiteboarding session where we'll review your application portfolio, technology and architecture as well as current development processes and team skills.

Technology exploration and roadmap: We'll then categorise applications by modernisation strategies (e.g., re-platform, refactor, rewrite or retire).

Introducing new processes

We'll focus on:

- **Serverless refactoring:** Build self-healing, auto-scaling applications, unchained from the limitations of servers – to provide the highest efficiency and cost benefits of the cloud.
- **Container adoption:** When serverless isn't an option, containers are the preference for deploying modern, complex, distributed applications.
- **Cloud-native re-platforming:** Incrementally modernise your application by adopting managed platform services as drop-in replacements for databases, messaging, API management, logging, monitoring, alerting and more.

Testing the process and gauging results

We test various parts of a software application being built and generate a report to compare the actual outcome against what was expected.

This helps to make sure every aspect of a software design works, without a human sitting in front of a computer devoting hours to manual tests.

Why work with us?

Global reach and scale

We serve more than 4,000 global customers in over 180 countries, satisfying data and application requirements from a performance, security and regulatory perspective around the world.

Vendor and cloud-agnostic

We partner with leading vendors to provide next generation hybrid multi-cloud services and the latest technology innovations, across a wide range of platforms.

Single source of solutions

Reduce vendor management and support costs with a single invoice and single provider. This is provided from our four global service hubs with 7,700 service experts.

World-class security

Our security operations centres around the world give visibility of global threats with are handled by over 3,000 dedicated security experts.

An integrated approach

Our cloud experts securely integrate infrastructure, networking services, application platforms, and multi-cloud services to bridge the gap between public and private cloud.

What could our application modernisation and testing do for you?

Visit btireland.com

Offices worldwide

The services described in this publication are subject to availability and may be modified from time to time. Services and equipment are provided subject to the respective British Telecommunications plc standard conditions of contract. Nothing in this publication forms any part of any contract. © BT Communications Ireland Ltd Registered office: Grand Canal Plaza, Upper Grand Canal Street, Dublin 4.

Registered in Ireland No. 141524

July 2022

