



# ESPANARO

## Empowering Digital Transformation

# Espanaro Ltd: Engineering Trust into Complex Systems



## Espanaro: Trusted UK-Sovereign Engineering Consultancy

Delivering secure, mission-critical digital services to the public sector, Defence, Security, and Critical National Infrastructure (CNI).



## Specialist Engineering Capabilities

Digital, software, systems, and assurance services for complex, regulated, and safety-critical environments.



## Full Lifecycle Expertise

Discovery, design, delivery, assurance, and live service support with a focus on delivering the outcomes you need.



## Experienced, Trusted Teams

Senior engineers, architects, delivery managers, and assurance specialists with backgrounds in Defence, government, and safety-critical systems.

Espanaro is your trusted partner for engineering secure, mission-critical digital solutions. Contact us today to learn how we can empower your digital transformation.

# Our Comprehensive Service Offerings

## Cloud Solution Architecture & Design

Espanaro's cloud solution architecture and systems engineering expertise supports clients at discovery, design, and early delivery stages.

## Cloud DevOps & Platform Engineering

Espanaro's DevOps and platform engineering specialists help clients establish and operate effective cloud-based DevOps capabilities.

## Cloud Software Engineering Services

Espanaro's software engineering teams design, develop, and support cloud-native applications and services for clients.

## Cloud Systems Engineering & Integration

Espanaro applies systems engineering principles to ensure cloud-enabled solutions function effectively within clients' broader enterprise or operational contexts.

## Secure Cloud Design, Assurance & Accreditation

Espanaro provides security architecture, risk management, and assurance activities to help clients design, assess, and operate secure cloud solutions.



# Cloud Solution Architecture & Design

Our service provides you with cloud solution architecture and systems engineering expertise to support you at discovery, design, and early delivery stages. Our service activities include requirements analysis, architecture options analysis, secure cloud design, and production of architectural artefacts. We integrate with your governance and assurance processes and supports onward delivery by internal teams or third-party suppliers.

We do this through provision of experienced cloud solution architects and systems engineers, highly experienced in design of secure, scalable cloud architectures. We have used this service to support public sector organisations with options analysis, reference architecture development, and technical design aligned to their business, security, and operational requirements across public, private, and hybrid cloud environments.

# Our service provides you with:

- Clear, defensible evidence to support your cloud design decisions
- Improved scalability and resilience of all the project outputs enabling you to change and adapt in the future to meet your new and emerging needs
- Reduced rework through upfront design providing you with detail, understanding and confidence in what will be delivered
- Better alignment to operational needs through early and continual engagement and collaboration
- Future-proofed cloud solutions delivering what you need now and supporting what you need later
- Reduced technical and delivery risk to ensure the success of your projects
- Architectures aligned to your security needs
- Faster transition into delivery phases to enable you to improve capability and tackle challenges when you need to
- Improved stakeholder confidence through the quality, detail and communication throughout our projects
- Cost-effective architecture choices helping you make the right decisions under operational constraints

# Cloud DevOps & Platform Engineering

Our service supports you in establishing and operating effective DevOps and platform engineering capabilities. Our Engineers work within your existing environments to automate deployments, improve reliability, and embed DevOps practices. Our service enhances your ability to deliver and operate cloud systems effectively.

We provide DevOps and platform engineering specialists to support the build, automation, and operation of cloud environments that meet your needs, tailored to your ways of working. Our services include CI/CD pipeline development, infrastructure automation, environment optimisation, and reliability engineering to improve delivery speed, quality, and operational resilience within your own cloud platforms.



# Our service provides you with

- Faster and more reliable deployments delivering what you need when you need it and giving you confidence in what you receive
- Reduced manual configuration errors improving our speed of delivery
- Improved platform stability and improved overall service reliability providing you with confidence and maximum benefit from your cloud system
- Increased developer productivity ensuring maintenance of existing systems and upgrades and enhancements are delivered when they are needed
- Improved operational visibility providing you with the confidence that your system is working optimally
- Reduced cloud operating costs providing you with greater financial benefit from your system
- Enhanced system security through design and implementation of automation



# Cloud Software Engineering Services

Our service provides you with experienced software engineers to support development and enhancement of cloud-hosted applications. Our engineers work with you within your environments, conducting agreed methods and meeting your required security standards. Our service supports new development, migration, and ongoing improvement of cloud-based software systems.

We provide you with software engineering teams to design, develop, and support cloud-native applications and services. Our service supports you to deliver secure, scalable software solutions hosted within your cloud environments, including application development, refactoring, integration, and technical enhancement activities.

# Our service provides you with

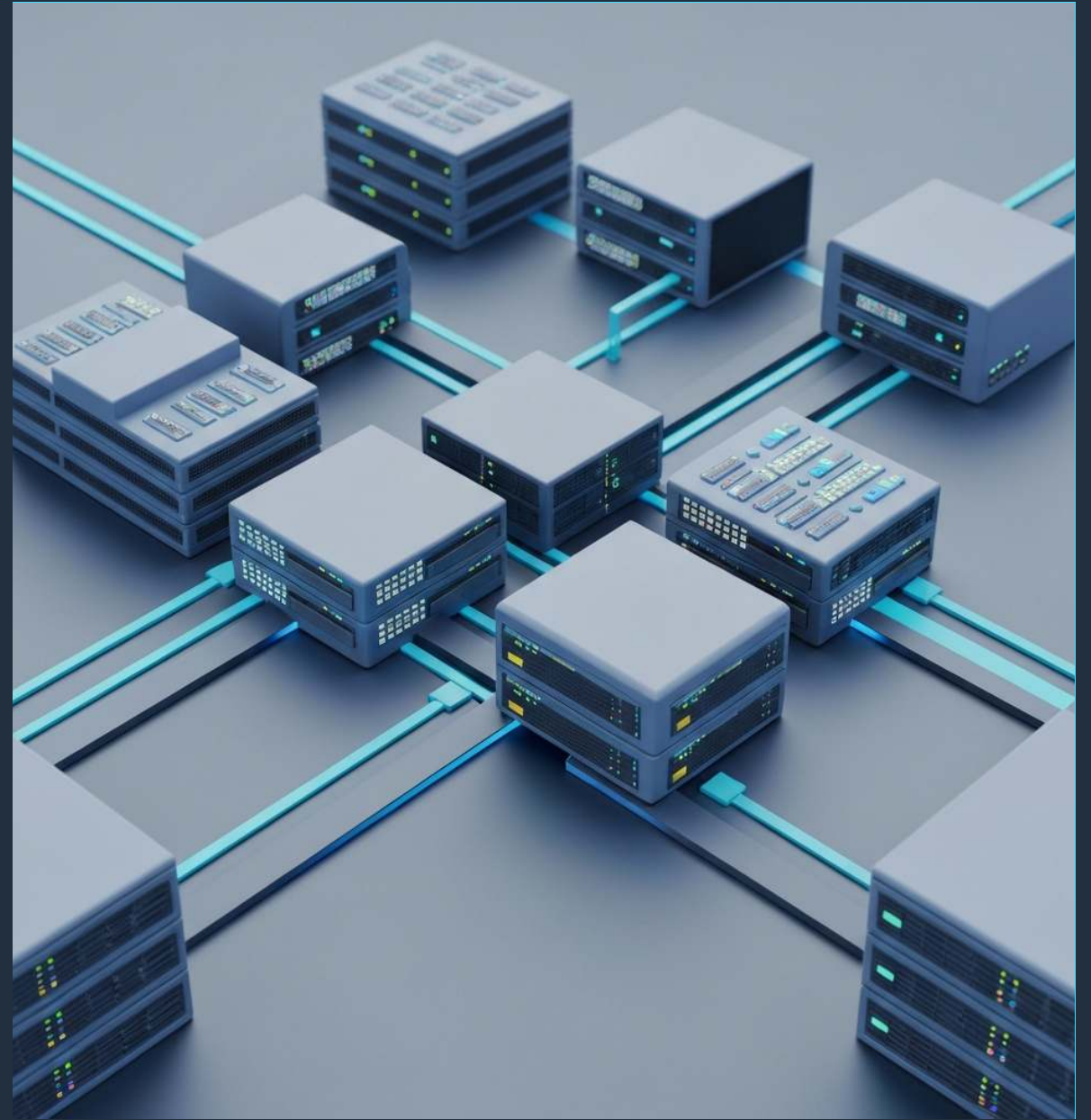
- Modern, cloud-ready applications tailored to your cloud environment
- Improved application scalability providing you with the capability to adapt your system to need new and emerging needs
- Faster delivery of new features to deliver the capability you need when you need it
- Improved system integration to ensure any new or changed products fit seamlessly into your existing cloud solution
- Enhanced application security providing you with confidence and assurance that your data and what you do with it is safe
- Greater system resilience and better maintainability enabling you to rely on your cloud based products, and also reducing your long term support costs
- Improved user experience with a system designed with your people in mind

# Cloud Systems Engineering & Integration

Our service applies systems engineering principles to cloud-enabled solutions, providing you with systems engineering expertise to support the integration of cloud services with complex enterprise and operational systems and technical environments.

Our service focuses on ensuring your cloud systems function effectively within your broader enterprise or operational contexts, supporting assurance, performance, and long-term sustainability of your cloud-enabled solutions.

Our service ensures your cloud solutions are coherently designed, integrated, and assured across system boundaries, supporting interoperability, performance, and operational effectiveness.



# Our service provides you with

- Improved system interoperability and reduced integration risk giving you confidence to introduce new products and ways of working
- Clear system boundaries enabling you to understand the design of your system and its capacity for change and enhancement
- Improved operational performance
- Better supplier coordination enabling you to define and communicate your existing system and change requirements to get the results you need
- Systems aligned to user needs by collaborating with you to understand requirements and design solutions
- Reduced rework and defects leading to improved system assurance

# Secure Cloud Design, Assurance & Accreditation

Our service supports you in designing and assuring secure cloud solutions. It provides you with security architecture, risk management, and assurance activities aligned to your security frameworks. Our service supports you in setting your systems to achieve all necessary accreditation.

Our provision of security architecture and assurance support helps you design, assess, and operate your secure cloud solutions. Our service supports risk management, secure design, and assurance activities aligned to public sector security expectations, tailored to your specific governance processes.



# Our service provides you with

- Reduced security risk and better risk visibility, enabling you to identify, define, manage and mitigate all system risks
- Secure cloud system designs enabling you to make clear decisions on system security
- Stronger operational security leading to improved compliance confidence in your systems
- Faster assurance outcomes contributing to improved accreditation readiness, all of which supports providing you with improved stakeholder trust in your systems

**Espanaro Ltd is committed to empowering your digital transformation through its comprehensive range of secure, mission-critical engineering services. From cloud architecture and DevOps to software development and systems integration, our experienced team is ready to partner with you and deliver the tailored solutions you need. Contact us today to learn more about how we can help you unlock the full potential of your digital capabilities.**



# ESPANARO

Espanaro is ISO9001 compliant, holds Cyber Essentials+, and is committed to creating positive social value for clients and the community.