

Application Modernisation

Service Definition Document

Sopra Steria



Contents

- 1 About Sopra Steria2
 - 1.1 Overview2
 - 1.2 Our Cloud Capability3
 - 1.3 Our Credentials4
- 2 Service Overview5
 - 2.1 Service Description5
 - 2.2 Features5
 - 2.3 Benefits5
 - 2.4 Our Approach5
 - 2.5 Inputs6
 - 2.6 Outputs & Deliverables6
 - 2.7 Certifications & Skills7
- 3 Pricing7
- 4 Next Steps7
 - 4.1 Contact7
 - 4.2 More Information8

1.2 Our Cloud Capability

Sopra Steria Cloud Practice brings together leading digital, cloud and engineering expertise to accelerate transformation for our clients.

- Delivering comprehensive digital and cloud transformation, including strategic consulting, change management, large-scale migration, application modernisation, next-generation development and secure, optimised operations
- Integrating deep capability across applications, data, infrastructure, cloud platforms and security, supported by industrialised assets to enable solutions across Private, Public, Hybrid and Sovereign Cloud environments
- Using an end-to-end cloud delivery model that integrates business, engineering, security and operations, ensuring continuous innovation, strong governance, and measurable business value throughout the full cloud lifecycle.

1.3 Our Credentials

Capacity

More than 15,000 cloud experts in 30 countries
(Vision, Ops, Design, Scale)

Market recognitions

- Large account (best category>\$250m) in the "Public Sector Industry Cloud Landscape" (Forrester)
- Leader "Cloud public in Europe" & "Next Gen Private & Hybrid Cloud" (ISG)
- Leader "Cloud Infra Brokerage" (NelsonHall)
- Best in Class "Azure" & "SAP" & "Service Now" (PAC Radar)
- Leader "Cloud Native Application" & "Application Transformation Services" (Quadrant)
- Major Contender "Cloud Services" & "Cloud Native Applications" & "Services on AWS Azure & CGP" (Everest)

Key partners



Main market recognitions

2nd in IT Services in France and 10th in EMEA*

Cybersecurity	Digital	AI	IT for Green	Cloud			
• Leader "Cyber resiliency services" (NelsonHall) • Leader "cybersecurity" in France & Germany (ISG) • Top 5 "cybersecurity" in France (Markess)	• Leader "Application Transformation Services" (Quadrant) • Leader "Digital Banking" (NelsonHall) • Leader "Digital Banking Services" (ISG) • Major Contender "Digital twin Services" (Everest) • Innovator "Digital Manufacturing" (NelsonHall)	• Leader AI Services & Gen AI (PAC Innovation Radar) • Leader AI Services (Quadrant) • Leader "Intelligence Process Automation" (Quadrant) • Major player "European Professional Services for Data-Drive" (IDC) • Major contenders "AI services" & "Intelligent Process Automation services" (Everest)	• Leader "ESG for Banking Services" (NelsonHall) • Best in class "consulting and digital services for sustainable development" (PAC Innovation Radar) • Major Contender "NetZero Consulting Services" (Everest)	• Large account (best category>\$250m) in the "Public Sector Industry Cloud Landscape" (Forrester) • Leader "Cloud Infra Brokerage" (NelsonHall) • Best in Class "Azure" & "SAP" & "Service Now" (PAC Radar) • Leader "Cloud Native Application" & "Application Transformation Services" (Quadrant) • Leader "Cloud public in Europe" & "Next Gen Private & Hybrid Cloud" (ISG) • Major Contender "Cloud Services" & "Cloud Native Applications" & "Services on AWS Azure & CGP" (Everest)			
							

* Source PAC 2024

2 Service Overview

2.1 Service Description

Our cloud-agnostic Application Modernisation service supports organisations to refactor and rearchitect legacy applications using cloud-native principles. We reduce technical debt, improve scalability and availability, and align applications with modern cloud platforms, security controls, and operational support models to enhance overall application performance and reliability.

2.2 Features

- Support for refactoring applications using cloud-native architectures and patterns
- Rearchitecting monolithic applications for modern runtime models, including serverless
- Orchestration and automation of application deployment and operations
- Enablement and governance of Low Code / No Code application platforms
- Reduction of technical debt and legacy dependencies
- Alignment with cloud security, resilience, and availability requirements
- Application operational readiness and supportability improvements
- Planning and governance for application modernisation activities
- Integration with CI/CD pipelines and DevOps operating models
- Training, documentation, and knowledge transfer for support teams

2.3 Benefits

- Improved application scalability, availability, and operational reliability
- Reduced technical debt and ongoing support overhead
- More efficient and reliable application operations through automation
- Clear modernisation roadmap with reduced risk and improved governance
- Improved security and compliance alignment
- Increased internal capability through knowledge transfer and training
- Faster implementation of application changes through modern architectures
- Improved cost control through efficient cloud resource usage
- Greater portability across cloud platforms, reducing vendor lock-in

2.4 Our Approach

Assessment and Discovery

- Assess existing applications, architecture, dependencies, and technical debt
- Evaluate cloud readiness and suitability for refactoring or re-architecture
- Align modernisation objectives with business and operational requirements

Design and Modernisation Planning:

- Define target cloud-native architectures using cloud-agnostic principles
- Identify refactoring and re-architecture options to improve scalability and resilience
- Produce a modernisation roadmap aligned to support and operational models

Modernisation Enablement and Transition:

- Support refactoring of applications to modern runtime models, including containers and serverless
- Enable automation and orchestration aligned to CI/CD and DevOps practices
- Support phased transition to minimise risk and operational disruption

Testing, Assurance and Operational Readiness:

- Support functional, performance, and security validation activities
- Align applications with cloud security, identity, and compliance requirements
- Prepare documentation and handover for ongoing cloud operations

Knowledge Transfer and Support Enablement:

- Provide knowledge transfer to development, operations, and support teams
- Establish operational best practices and support processes
- Enable teams to support and evolve modernised applications effectively

2.5 Inputs

To support application modernisation activities, we require the following inputs:

- Overview of applications in scope, including purpose, criticality, and users
- High-level information on existing application architecture and technologies
- Identification of preferred modernisation approaches (e.g. refactor, rearchitect, platform services)
- Security, compliance, and governance requirements
- Operational and support constraints, including availability and performance expectations
- Access to relevant documentation and subject matter experts
- Agreement on success criteria and operational outcomes

This is a high-level list and is not exhaustive. If you cannot provide all of these inputs, then we can discuss altering our approach to accommodate your situation.

Where inputs are incomplete, we will work with stakeholders to agree appropriate assumptions and adjust the approach accordingly.

2.6 Outputs & Deliverables

The service provides the following outputs to support transition, supportability, and ongoing cloud operations:

- **Application Modernisation Summary Report:** Overview of modernisation activities undertaken, outcomes achieved, and key decisions.

- **Post-Modernisation Validation:** Confirmation that applications meet agreed functionality, performance, and availability criteria.
- **Operational Documentation:** Documentation covering application architecture, configurations, security controls, and support considerations.
- **Knowledge Transfer Materials:** Guidance and sessions to enable customer teams to operate and support modernised applications.
- **Operational Handover Pack:** Artefacts required for ongoing support, including configuration details and deployment guidance.
- **Support and Operational Readiness Plan** Defined support model, escalation routes, and alignment with BAU operations.
- **Optimisation and Improvement Recommendations:** Advisory recommendations for performance, cost optimisation, and future enhancements.
- **Security and Compliance Alignment Summary:** Summary of implemented security controls and compliance considerations.
- **Service Review and Close-Out Session:** Review of outcomes, lessons learned, and next-step recommendations.

This is a high-level list and is not exhaustive.

2.7 Certifications & Skills

Some of our certifications and skills related to this service are identified below:

- Cloud Architecture
- Cloud Solution Engineering
- Application Architecture
- Application Development
- DevSecOps

This is a high-level list and is not exhaustive.

3 Pricing

Please refer to the Pricing Document for this Service.

4 Next Steps

4.1 Contact

Please contact us if you would like to know more about any of our listings on G-Cloud.

Email: sector-support@soprasteria.com

As all of our G-Cloud enquiries initially come into a single contact, please remember to tell us:

- Your name, your organisation name and contact details
- Which service you are enquiring about
- A brief summary of your requirements or problem statements that you would like support to address.

4.2 More Information

More information about our services and capabilities can be found on our website [here](#).

