

Knowledge Brief

Quadrant Knowledge Solutions

Sopra Steria is a Leader in
SPARK Matrix™: Cloud-Native Application
Development Services (CNADS), Q1 2024



An Excerpt from Quadrant Knowledge Solutions
“SPARK Matrix™: Cloud-Native Application Development Services,
Q1 2024”

Sopra Steria is a Leader in SPARK Matrix™: Cloud-Native Application Development Services (CNADS), Q1 2024

Quadrant Knowledge Solutions defines Cloud-native Application Development Services (CNADS) as “the services that consist of solutions and methodologies for creating, deploying, and managing applications that are cloud-native, agile, low cost, and highly scalable while prioritizing security measures and compliance. These services leverage technologies such as containers and microservices to provide scalability and security throughout the software development lifecycle (SDLC) and integrate DevOps practices to automate processes and reduce time-to-market, and scalability ensuring applications can efficiently handle varying workloads. These services enhance software development and deployment cycles, deployment frequency, and the quality and relevance of software releases to enable better alignment with business objectives. Thus, organizations attain effective legacy modernization, operational efficiency, superior customer experience, scalability, and flexibility which are necessary for adapting to evolving changes across multi-cloud environments in the cloud-native market.”

Traditionally, applications were developed through monolithic approach in which they were created in a rigid technology stack that limited the scope of upgradation, scalability, integrations, and development agility. This resulted in longer development cycles and difficulty in adapting to the changing business needs. Upgrading to advanced software required complete shutdown of the technology stack and was resource intensive, thus resulting in loss of revenue and poor cost efficiency.

The cloud-native approach to application development introduces flexibility for the developers to select, replace, upgrade, and remove different elements of an application individually. This ensures the creation of adaptable applications that can be upgraded according to the business requirements. Cloud-native applications are built by utilizing technologies such as microservices, containers, CI/CD pipelines, serverless functions and APIs. These applications can be deployed through multiple cloud models: private, public, and hybrid on individual or multiple cloud hosts.

Cloud-native approaches ensure scalability, agility, robust availability, security, and seamless integration with various DevOps tools, all while optimizing costs and minimizing IT infrastructure management, thereby enhancing operational resilience. Cloud-native approach simplifies and accelerates legacy modernization converting monolithic legacy applications into upgradable applications by utilizing APIs and containers and extend the functionalities of the existing legacy application by integrating these applications to modern development tools and cloud databases.

The shift to cloud-native development not only enhances productivity but also ensures that developers can dedicate their efforts to innovation rather than operational intricacies. Additionally, the cloud-native model proves cost-effective, eliminating the need for recurrent investments in hardware for application development, testing, and runtime, thereby optimizing resource allocation and reducing overall operational expenditures. Hence, the adoption of cloud-native applications is crucial for organizations to deliver innovative products while ensuring optimum resource utilization.

The cloud-native applications development services vendors offer the following key capabilities: Microservice Architecture Development Services, Legacy Modernization Services, DevOps/DevSecOps Services, Cloud Consulting/Cloud Advisory, and Container Strategy Services.

The research includes detailed competition analysis and vendor evaluation with the proprietary SPARK Matrix analysis. The SPARK Matrix includes ranking and positioning of the leading CNADS vendors with a global impact, including - This study mainly includes an analysis of the following key vendors: Aspire Systems, Accenture, Brillio, Capgemini, Cognizant, DXC Technology, DMI, GlobalLogic, HCLTech, Happiest Minds, Infosys, LTIMindtree, Movate, Mphasis, NTT DATA, Softtek, Sopra Steria, TCS, Virtusa, Wipro, and Zensar.

Key Market Trends

The key trends that are driving the growth of the cloud-native application development services market are:

Vendors in the CNADS market are increasing focus on serverless computing enabling developers to build, optimize, and operate Cloud-Native applications more efficiently and cost-effectively. Serverless computing offers organizations with backend services with as-used basis payment mechanism, in which companies are charged based upon the actual computation performed on the server. They are not required to rent servers as in the case of cloud computing. Serverless providers offer same auto-scaling capabilities as cloud computing providers but are further cost-effective. Additionally, organizations do not require to manage or maintain their IT infrastructure.

Vendors are focusing on adopting Infrastructure-as-Code (IaC) as it enables organizations to reduce cost, increase deployment speed, improve infrastructure consistency, and eliminate configuration drift. In IaC approach infrastructure is managed and provisioned through codes, instead of manual processes, infrastructure specifications are contained in configuration files which enables easier modification and distribution of the infrastructure and helps in avoiding undocumented and ad-hoc configuration changes.

Market Direction

CNADS vendors are shifting towards focusing on comprehending precise business use cases and, conducting consulting operations in advance, to curate various development tool stacks utilized for specific use cases. Here, the users will be presented with few options of prebuilt technology stacks to choose from, based on their needs while the vendors will focus on effectively implementing and executing the selected stack.

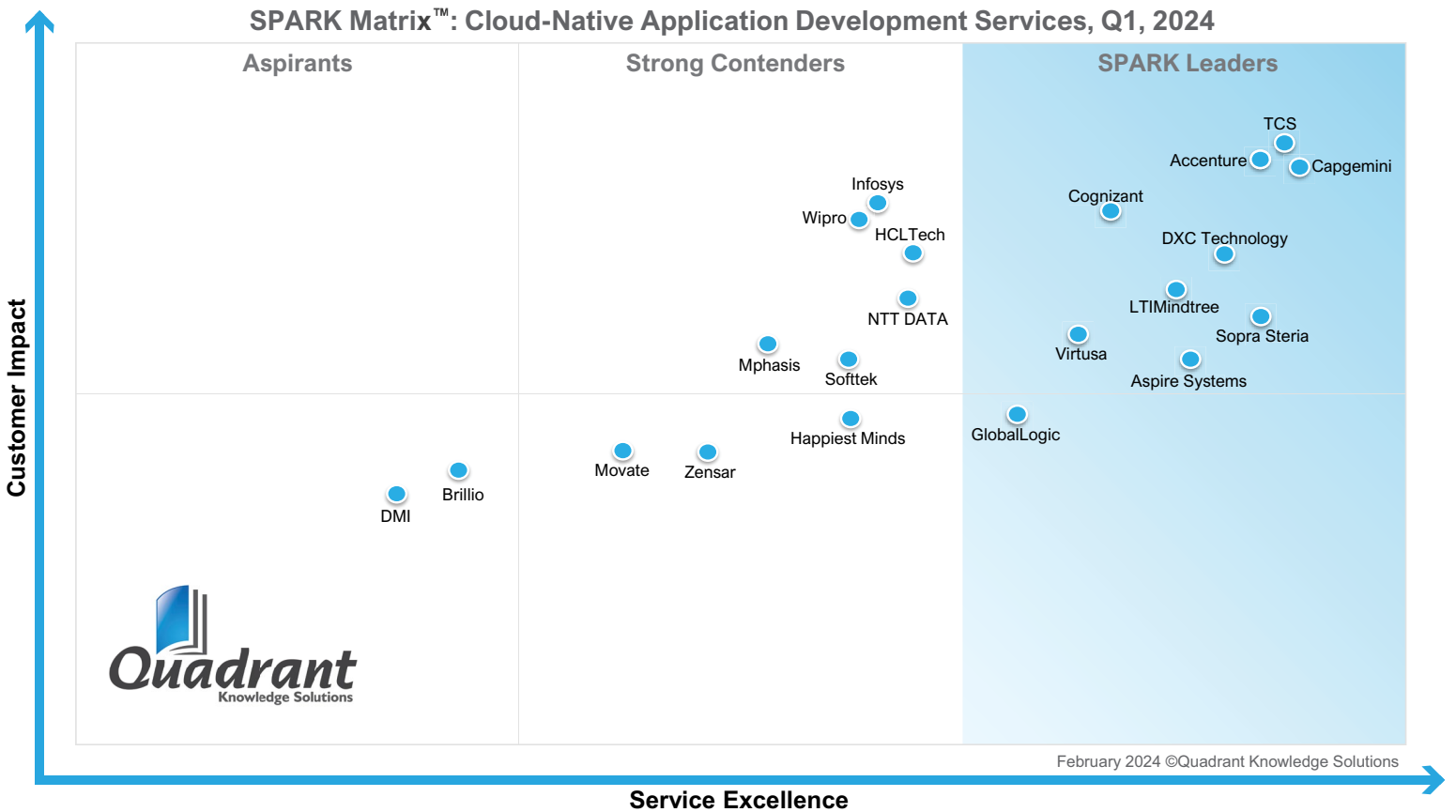
SPARK Matrix Analysis of the CNADS Market

[Quadrant Knowledge Solutions](#) conducted an in-depth analysis of the major Cloud-Native Application Development Services vendors by evaluating their product portfolio, market presence, and customer value proposition. The CNADS market research provides competitive analysis and a ranking of the leading vendors in the form of a proprietary SPARK Matrix™. SPARK Matrix analysis provides a snapshot of key market participants and a visual representation of market participants. It provides strategic insights on how each vendor ranks related to their competitors based on their respective technology excellence and customer impact parameters. The evaluation is based on primary research, including expert interviews, analysis of use cases, and Quadrant’s internal analysis of the overall Cloud Native Application Development Services market.

Service Excellence	Weightage	Customer Impact	Weightage
Microservices Development Services	25%	Service Strategy & Performance	20%
Legacy Modernization Services	15%	Market Presence	20%
DevOps/DevSecOps Services	10%	Proven Record	15%
Cloud Consulting Services	10%	Customer Service Excellence	15%
Container Strategy Services	10%	Unique Value Proposition	15%
Competitive Differentiation Strategy	10%	Ease of Deployment & Use	15%
Center of Excellence (CoE)	8%		
Partner Ecosystem	7%		
Technology Vision and Roadmaps	5%		

According to the SPARK Matrix analysis of the global CNADS market, Sopra Steria, with its comprehensive technology for Cloud-native Application Development Services, has received strong ratings across the parameters of technology excellence and customer impact and has been positioned amongst the technology leaders in the 2024 SPARK Matrix of Cloud Native Application Development Services market.

Figure: 2023 SPARK Matrix™
 (Strategic Performance Assessment and Ranking)
 Cloud-Native Application Development Services (CNADS), Q1 2024



Sopra Steria

URL: <https://www.soprasteria.com/>

Establishment Year: 1968

Headquarters: Paris, France

Sopra Steria is a provider of business digital transformation & IT services. The company offers solutions and consultative assistance for systems integration, software development, infrastructure management, and business process digitalization. Additionally, Sopra Steria also empowers its customers by facilitating solutions for cloud computing, IoT, big data, human resource, AI, blockchain, digital interactions, emerging technologies, 5G design center, and X-Reality services. Highlighting application development services offered by Sopra Steria include enterprise architect services, low-code development services, and cloud-native application development services. Through its cloud-native application development services, Sopra Steria enables its clients to achieve cost optimization, enhance innovation, boost scalability, and accelerate time to market, which in return collectively helps its clients towards embracing widespread cloud adoption. Sopra Steria has a presence across industry verticals such as aerospace, defense & security, energy & utilities, financial services, insurance & social, government, retail, telecommunication, media, & entertainment, and transport. The company has a strong market presence in the EMEA region, followed by APAC.

Product Overview:

Sopra Steria's Modern Apps Development services empower businesses to enhance customer experiences, optimize operations, and foster innovation in product development. The company specializes in crafting adaptable and robust applications through the creation of cloud-native solutions. This encompasses expertise in Kubernetes, serverless functions, microservices, and an API-first architecture. Leveraging comprehensive software engineering methodologies and cutting-edge tooling, Sopra Steria seamlessly integrates agile, product, and DevOps principles to deliver end-to-end solutions.

The key capabilities for Sopra Steria's cloud-native application development services include offering microservices & API-first architecture and flexible & scalable applications, including Kubernetes and serverless functions. Additionally, they offer cloud-consulting services and also agile, DevOps and DevSecOps services.

Analyst Perspective:

Sopra Steria, with its modern application development services, enables enterprises to solve complex business problems to enhance customer experience, improve operational efficiency, and create new products and features.

Sopra Steria helps its clients in revamping their digital software processes, creating innovative applications, and turning ideas into MVPs. This approach aims to enhance speed, efficiency, and productivity for clients throughout the entire development cycle. The platform brings together application, data, infrastructure and security expertise, and industrialized assets to support private, public, hybrid, or sovereign clouds.

The company specializes in empowering enterprises to leverage container services through the implementation of automated, AI-driven, and secure practices. The DevSecOps teams provide a comprehensive and adaptable suite of services designed to streamline and enhance developers' tasks.

Market Differentiators:

Sopra Steria's deep expertise in cloud-native application development services and advanced migration services helps its clients with cost optimization, while improving innovation, scalability, and time to market, which drives their clients toward extensive cloud adoption, thereby making Sopra Steria stand out in the market against its competitors.

Sopra Steria distinguishes itself in the market through a comprehensive suite of services, including innovative discovery assessment services and a dynamic DigiLab capability fostering creativity. Notable differentiators encompass the establishment of a robust business architecture framework, platform architecture revision, and the implementation of tailored measures to achieve specific business objectives. The company excels in mapping and designing efficient data flows, creating open APIs, and establishing DevOps platforms on AWS. Moreover, Sopra Steria's ability to meet evolving client needs coupled with its expertise in cloud-native application development and advanced migration services positions it as a market leader. The company's focus on delivering immediate benefits through agile development and DevOps further solidifies its standing, attracting clients towards extensive cloud adoption compared to competitors.

Roadmap:

In terms of the future roadmap, Sopra Steria is focusing on its digital services that rapidly enable organizations to identify how they can leverage digital services and technologies to support the delivery of their vision, goals, and objectives.