

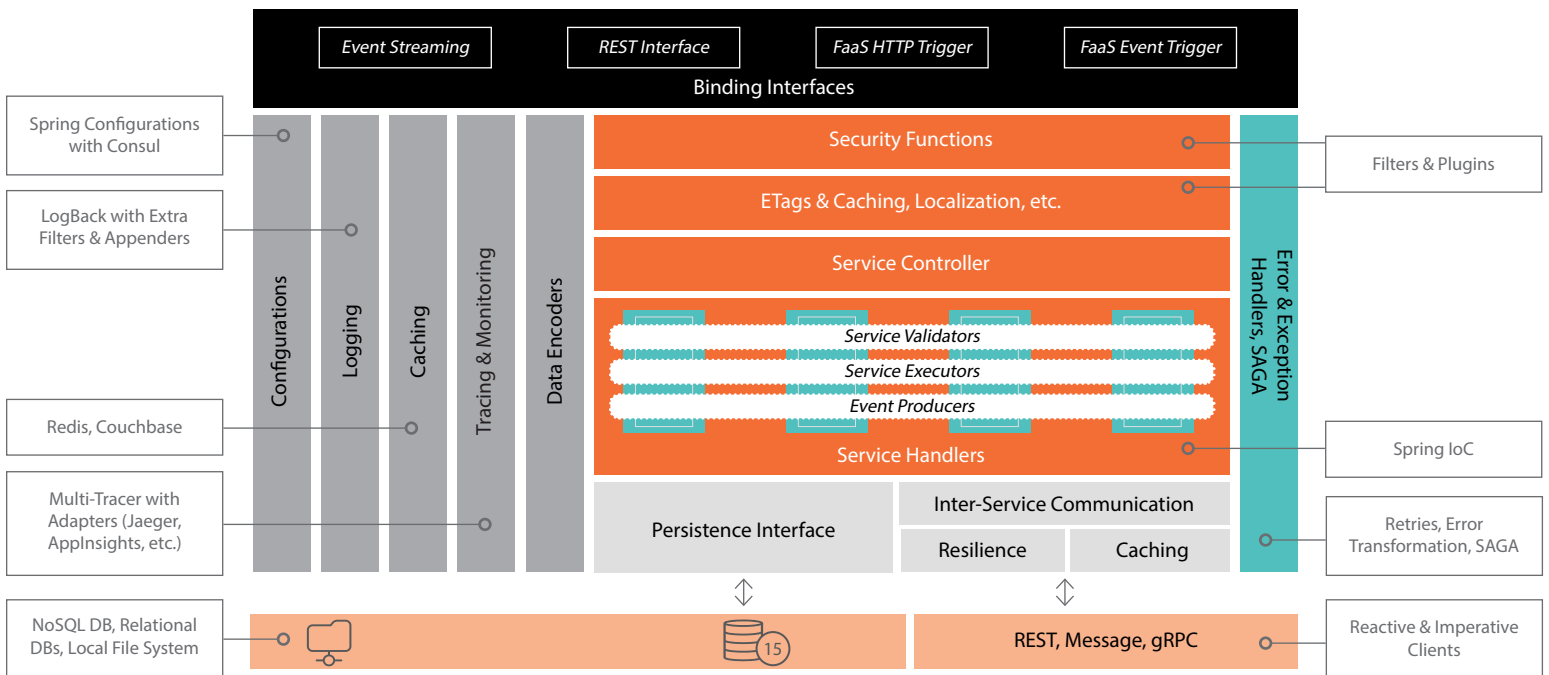
# GlobalLogic Microservices Accelerator

Rapidly develop or prototype PaaS-enabled, scalable, cloud-native, high-quality microservices



## Implement fundamental NFRs for microservices quickly and easily

GlobalLogic's Microservices Accelerator is a comprehensive microservice chassis that includes a project configurator and a set of optional modules that implement the most common non-functional requirements (NFRs) and cross-cutting concerns for typical microservices-based projects. Not only does it de-risk the implementation of complex microservices architectures, but it enables teams to stay focused on functional requirements and saves up to 75 person months per project.



Create deployment-agnostic microservices, simplify solution integration, and provide a **similar developer experience for all teams.**

## Microservices Accelerator: Out-of-the-Box

01

Includes a configurator project-generation tool that configures several project parameters and selects the required components

02

Configurator integrates with well-known IDEs (Eclipse, IntelliJ, Visual Code); can be accessed through a Web UI; and enables role-based security

03

Offers centralized configuration and supports AWS, Azure, and GCP

04

Enables implementation of complex SAGA orchestration through configuration with little to no code

05

Source code (Java, .NET) can be accessed through a GitHub Repository

06

Chassis and components are designed to ensure that business logic is completely insulated from cross cutting non-functional concerns

07

Enables the creation of sample microservices using pre-defined templates

08

Supports inter-service communication (e.g., hot retries, exception error handling, circuit-breaker, back-pressure, etc.)

09

Enables caching with support for ETags, service, and global caches via namespaces

10

Provides Logging and Distributed Tracing, with full support for CorrelationID and custom attributes over multiple protocols (e.g., REST, Messaging, gRPC)

11

Supports both Imperative and Reactive programming models, as well as Containers and Functions-as-a-Service

12

Supports Application Monitoring Tools (APM), DataDog, Newrelic, and DynaTrace