

Accelerated Adoption & Production Readiness

Building and Evolving Resilient, Scalable Applications with Akka Platform Expertise

Scalac, an Akka.io strategic partner, offers an end-to-end solution for organizations looking to harness the power of the Akka Platform. Our integrated approach covers everything from initial strategic assessment and Akka Platform onboarding to expert application development, operational excellence, and seamless migrations. We ensure your Akka-based solutions are not only robust and performant but also delivered efficiently, with a focus on "day 0" readiness and continuous knowledge transfer to your teams.

The Challenge:

While the Akka Platform offers unparalleled capabilities for building highly scalable, resilient, and responsive distributed systems, adopting and optimizing it requires specialized expertise. Organizations often face challenges with:

- **Initial Setup & Onboarding:** Navigating the complexities of setting up Akka Platform environments (serverless, BYOC, self-hosted) and integrating with existing infrastructure.
- **Project Development:** Designing and implementing Akka-native applications, or migrating existing systems, efficiently and correctly.
- **Operational Excellence:** Ensuring deployed Akka applications are resilient, observable, and cost-effective in production.
- **Knowledge Transfer:** Empowering internal teams to manage and evolve Akka-based solutions confidently.

Our Joint Solution:

Scalac, deeply aligned with Akka's vision and technology, offers a unique partnership that streamlines your journey to production with Akka Platform. We combine Akka's innovative technology with Scalac's proven methodologies and deep engineering expertise to deliver:

- **Rapid Onboarding & Empowerment:** Quick setup and hands-on training to get your teams productive with the Akka Platform.
- **Expert Project Execution:** Comprehensive development services for new applications or the transformation of existing systems, guided by Akka best practices.
- **Operational Assurance:** Ensuring your Akka applications are deployed, monitored, and maintained with enterprise-grade reliability.

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Sąd Rejonowy Gdańsk-Północ w Gdańsku VII Wydział Gospodarczy.
Kapitał zakładowy 101 750.00 PLN

What Our Offer Includes:

Our engagement model is designed to cater to your specific project needs:

Phase 1: Strategic Assessment & Engagement Initiation

- **Complimentary CTO Consultation & Workshop (Scalac):** A free initial consultation and workshop to discuss your strategic goals, technical challenges, and assess how the Akka Platform can deliver tangible business value. This can lead to:
 - **For New Projects:** A collaborative session to define the initial design, scope, and technical roadmap for your new Akka-powered application.
 - **For Existing Projects (with or without Akka):** A **free initial audit** to identify performance issues, development experience challenges (Time-to-Market, operations), user experience bottlenecks, and cost inefficiencies. This audit provides an initial design, ideas for improvements, and potential benefits like cost reduction, allowing you to decide on further engagement.
- **Akka Platform Deep Dive & Demo (Akka & Scalac):** A tailored introduction to the Akka Platform, showcasing its SDK, Agentic AI services, and deployment options relevant to your specific use cases.
- **Detailed Project Estimation & Proposal (Scalac):** A comprehensive outline of the project scope, recommended phases, estimated timelines, and costs.

Phase 2: Akka Platform Onboarding & Foundation Setup

- **Akka Account & Environment Provisioning:**
 - Assistance with setting up your Akka Platform account, including organization, project, and region configuration (Serverless, Bring-Your-Own-Cloud, or Self-Hosted).
 - Guidance on integrating with your existing cloud infrastructure (AWS, Azure, GCP), including VPC peering and security configurations.
- **Developer Enablement & Local Setup:**
 - Hands-on support for installing and configuring the Akka CLI, Java SDK, Docker Engine, and other prerequisites for your development teams.
 - Establishing core development workflows and version control for Akka projects.
- **Security & Compliance Integration:**
 - Implementing enterprise-grade security protocols, leveraging Akka's built-in features, and ensuring compliance with industry standards (e.g., GDPR, HIPAA, PCI-DSS).

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Phase 3: Akka Application Development & Migration

Our development services are structured to meet your project's starting point:

A. For New Akka Projects:

- **Comprehensive Design:** We lead the architectural design phase, creating detailed designs, mockups, and recommendations for your Akka-native application.
- **Enabling Team & Integrated Implementation:** Our experts work alongside your teams, providing hands-on coding and continuous knowledge transfer throughout the implementation phase. The application will be `ready to use` for incremental development from the first day. You won't wait forever to see the results. **Documentation & Periodic Demos:** Regular updates and transparent progress tracking with periodic demos and comprehensive documentation.

B. For Existing Projects (No Akka - Transformation to Akka Platform):

- **Detailed Audit & Problem Identification:** Beyond the initial free audit, a deeper dive into performance issues, TTM, user experience, and cost drivers.
- **Strategic Design & Migration Planning:** We design solutions for identified problems, create detailed plans for business process migration, system migration, data migration, and integration with Akka Platform.
- **Akka-Native Implementation:** Building the new Akka-based components and integrating them with your existing systems, including data migration execution if required.
- **Integrated Training:** Ensuring your team is trained on the new Akka components during the development process.

C. For Existing Projects (With Akka - e.g., Migration to Akka Platform SDK or Optimization):

- **Performance & Architecture Audit:** Focused assessment of your existing Akka codebase to identify bottlenecks, architectural anti-patterns, and areas for optimization.
- **Refinement & Migration Design:** Designing improvements, refactoring strategies, or a clear plan for migrating to the latest Akka Platform SDK, leveraging its new features like Agentic AI services, Entities, Workflows, and fully-automated operations.
- **Optimized Implementation:** Implementing the design changes, conducting code refactoring, and performing any necessary data migrations to align with the Akka Platform.
- **Advanced Training:** Upskilling your teams on the new Akka Platform SDK, best practices for agentic services, and advanced Akka concepts.

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Phase 4: Operational Excellence & Continuous Partnership

- **CI/CD Pipeline Automation:** Establishing robust Continuous Integration and Continuous Delivery pipelines for automated Akka application deployment.
- **Advanced Observability & Monitoring:** Implementing comprehensive logging, metrics, and tracing solutions leveraging Akka's capabilities and integrating with your preferred monitoring tools (e.g., Prometheus, Grafana, ELK Stack, Datadog).
- **Knowledge Transfer & Mentoring:** Ongoing training sessions, workshops, and direct mentorship for your development and operations teams, ensuring they gain full proficiency in managing and evolving your Akka applications.
- **Ongoing Project Development & Team Extension:** Scalac offers flexible engagement models for continued feature development, maintenance, and expert support as your Akka landscape evolves.

Why Partner with Scalac.io?

- **Deep Akka & Scala Expertise:** Our engineers are not just proficient; they are specialists in Akka, Scala, Java, Cloud Platforms and building resilient distributed systems, ensuring high-quality and efficient delivery.
- **Strategic Akka.io Partnership:** Our direct partnership signifies a deep understanding of Akka's technology roadmap and best practices, as demonstrated by our collaborative approach to content and shared vision for client success.
- **Flexible & Proven Engagement Models:** From initial free consultation and audit to comprehensive project outsourcing or team augmentation, we adapt to your specific needs.
- **"Day 0" Readiness Philosophy:** Our focus on integrated development and knowledge transfer ensures your system. The application will be `ready to use` for incremental development from the first day. You won't wait forever to see the results.
- **Holistic Value Delivery:** We address not only the technical aspects but also the business process and system migration challenges, delivering tangible benefits like improved performance, user experience, and cost reduction.

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Akka Platform Onboarding Service Tiers (Package Pricing)

Tier 1: Akka QuickStart Enablement

- **Ideal for:** Small teams (1-3 developers) starting a new Akka project, requiring fundamental Akka Platform setup and basic developer enablement.
- **Estimated Effort:** Approximately 3 days of expert engagement.
- **Key Deliverables:**
 - Initial Akka Platform Account & Basic Environment Setup Guidance.
 - Local Development Environment Setup for up to 3 developers.
 - "Hello Akka" Sample Project Kick-off.
 - 2-Day Akka Platform Training Workshop.
- **Package Price: 4,800 EUR**

Tier 2: Akka Team Accelerator

- **Ideal for:** Mid-sized teams (4-8 developers) aiming for rapid adoption of Akka Platform, including more complex infrastructure integration and foundational architectural guidance.
- **Estimated Effort:** Approximately 4 weeks of expert engagement.
- **Key Deliverables:**
 - All deliverables from Tier 1.
 - Extended Environment Provisioning for BYOC, including integration with up to 2 external services (e.g., Kafka, database, other services).
 - Blueprint for a basic CI/CD pipeline for Akka applications.
 - Initial setup for Akka security features and observability (metrics/logs).
 - Initial architectural guidance on Akka application design.
 - 3-Day of your project development in the form of Akka SDK & Architecture Workshop.
- **Package Price: 18,800 EUR**

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Tier 3: Enterprise Akka Strategic Kick-off

- **Ideal for:** Large organizations or complex projects requiring comprehensive Akka Platform adoption, advanced infrastructure setup, and a strategic deep-dive for a larger-scale, mission-critical application or significant migration. This package represents an intensive initial engagement to lay a robust foundation for a longer-term project.
- **Estimated Effort:** Approximately 12 weeks of dedicated expert engagement (e.g., lead architect, senior developer, DevOps specialist).
- **Key Deliverables:**
 - All relevant deliverables from Tier 2.
 - Advanced Infrastructure & DevOps Setup (initial phase of complex BYOC, multi-region considerations)
 - Implementation of core CI/CD pipelines for Akka.
 - Comprehensive Security & Compliance review and initial implementation of key controls.
 - Custom Akka Platform Training & Mentoring program (intensive initial phase).
 - Strategic Migration Planning (initial phase for complex system/data migrations).
 - Dedicated Architectural Partnership (intensive initial period of strategic design and guidance).
- **Package Price starts from: (38,400 EUR)**

Please Note:

- These package prices cover Scalac's onboarding services only. The cost of the Akka Platform itself (Akka-managed services, BYOC infrastructure costs, etc.) is separate and will be managed directly with Akka.io.
- The estimated effort and package prices are illustrative. Actual pricing will be confirmed after a detailed assessment of your specific requirements, team size, existing infrastructure, and desired scope during the "Strategic Assessment & Engagement Initiation" phase.
- For projects extending beyond the initial onboarding, Scalac offers flexible ongoing project development and team extension services.

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