AKKA

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ISO/IEC 42005:2024 — Artificial Intelligence System Impact Assessment

Compliance Attestation

Issuing Organization: Akka Technologies, Inc.

Issued By: Michael Nash, Chief Information Security Officer

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Date of Attestation: April 20, 2026

Review Cycle: Annual

Attestation Status: Active

Introduction

This attestation is issued by Akka Technologies, Inc. ("Akka") to confirm alignment with ISO/IEC 42005:2024 — Information Technology — Artificial Intelligence — AI System Impact Assessment. ISO/IEC 42005 provides guidance on conducting impact assessments for AI systems, covering the identification and evaluation of potential impacts on individuals, groups, and society arising from the deployment and use of AI systems. It complements ISO/IEC 42001 (the AI Management System standard) and ISO/IEC 23894 (AI Risk Management guidance) by providing specific methodology for AI impact assessment.

As a guidance standard, ISO/IEC 42005 does not provide for formal third-party certification. This attestation confirms that Akka conducts AI impact assessments consistent with the guidance of ISO/IEC 42005, integrated within Akka's ISO/IEC 42001-aligned Artificial Intelligence Management System (AIMS).

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Akka develops and operates the Akka platform — a reactive microservices and distributed systems toolkit available as both SaaS and open-source SDKs — and incorporates AI capabilities into its platform and internal operations.

Scope

This attestation covers Akka's AI impact assessment practices as applied to:

- AI systems embedded in or offered through the Akka platform (SaaS)
- Internal AI tooling and automation used in Akka's operations
- Third-party AI services and APIs incorporated into Akka's products or processes

AI impact assessments are conducted globally across all Akka operations as part of the AI Review Board approval process. All 6 controls mapped to ISO/IEC 42005 have been assessed and implemented. The residual risk across all controls is Medium, managed through Akka's comprehensive ISO/IEC 42001-aligned AIMS.

Compliance Posture

Controls assessed: 6

Controls implemented: 6 (100%)

Controls in progress: 0

Overall risk level: Medium (all controls, covered by ISO/IEC 42001 AIMS)

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Geographic scope: Global

Key Controls and Implementation Evidence

AI Impact Assessment Process

Akka has established a formal AI impact assessment process, conducted as a mandatory step in the AI Review Board approval workflow for new AI system deployments. The process evaluates potential impacts across multiple dimensions including individual rights and wellbeing, group fairness and equity, societal and environmental effects, operational and business risk, and regulatory and legal exposure. Impact assessments are documented and retained as part of the AIMS record-keeping system.

Scoping and Context Establishment

Each AI impact assessment begins with a scoping phase that defines the system under assessment, its intended use cases, the affected populations, the deployment context, and the assessment objectives. This ensures that assessments are appropriately tailored and that material impacts are not overlooked. Scoping decisions are reviewed and approved by the AI Review Board before the substantive assessment proceeds.

Stakeholder Engagement

Akka's impact assessment process incorporates structured stakeholder engagement. For customer-facing AI systems, customer representatives and product teams are consulted during the assessment. For internal AI systems, affected employee groups are engaged. Where

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appropriate, external expert input is sought. Stakeholder perspectives are documented and inform the assessment conclusions.

Impact Identification and Analysis

Identified impacts are analysed for severity, likelihood, reversibility, and breadth (number of affected individuals or groups). The analysis considers both direct and indirect impacts, short-term and long-term effects, and impacts that may not be immediately apparent. Impact analysis is cross-functional, drawing on input from engineering, product, legal, privacy, and security teams.

Impact Treatment and Mitigation

Where significant negative impacts are identified, Akka develops and implements treatment measures to avoid, reduce, or mitigate those impacts. Treatment plans are reviewed and approved by the AI Review Board. Residual impacts that cannot be fully mitigated are documented with rationale and subject to ongoing monitoring. Systems with unacceptable residual impact are not approved for deployment.

Monitoring and Review

AI impact assessments are not one-time exercises. Akka monitors deployed AI systems for evidence of emerging or unanticipated impacts and triggers reassessment when significant changes occur (in system behaviour, deployment context, or affected population). Annual formal reviews of impact assessments are conducted for all systems in the Agent Registry.

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Supporting Evidence and Third-Party Assurance

Akka's AI impact assessment practices are embedded within the ISO/IEC 42001-aligned AIMS and supported by:

- Google Cloud Platform (GCP): SOC 2 Type II, ISO/IEC 27001 certified infrastructure.

- AWS (Amazon Web Services): SOC 2 Type II, ISO/IEC 27001 certified infrastructure.

- Akka's privacy impact assessment process (aligned with applicable data protection regulations) provides a complementary assessment framework that addresses personal data impacts, reinforcing the broader AI impact assessment required by ISO/IEC 42005.

- Akka's ISO/IEC 27001-aligned ISMS ensures that security-related impacts of AI systems are systematically identified and managed.

The integration of ISO/IEC 42005 guidance into Akka's AIMS ensures that impact assessment is a systematic, auditable, and continually improving practice rather than an ad hoc activity.

Attestation and Signature

I, Michael Nash, Chief Information Security Officer of Akka Technologies, Inc., attest that the information contained in this document accurately represents Akka's alignment with ISO/IEC 42005:2024 as of the date stated above. This attestation is based on internal assessment, documented evidence, and my professional judgment as CISO.

This attestation is made in good faith and to the best of my knowledge. It does not constitute a guarantee of absolute compliance or an invitation to audit without prior agreement. Akka reserves the right to update this attestation as its AI impact assessment practices evolve.

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April 20, 2026

This attestation is available on request and is subject to annual review. For questions or to request supporting documentation, please contact michael.nash@akka.io.