



G-Cloud 15

Service Definition Document

Aaseya OutSystems Modernisation Services

1. Overview

Aaseya OutSystems Modernisation Services are focused on modernising existing applications through the OutSystems low-code platform, enabling organisations to transition to a more agile, cloud-ready, and maintainable application landscape. The service is designed for customers adopting or expanding OutSystems as a strategic platform, including modernisation to OutSystems 11 and OutSystems Developer Cloud (ODC).

Delivered by **Aaseya's OutSystems Sales and Delivery Partner practice, supported by over 150+ skilled OutSystems professionals**, the service combines deep platform expertise with structured modernisation techniques aligned to OutSystems architecture and best practices. Aaseya supports modernisation scenarios such as re-platforming existing applications to OutSystems, refactoring legacy functionality into reusable OutSystems modules, and re-architecting applications to leverage OutSystems' cloud-native, API-first, and microservices-aligned capabilities.

The service places strong emphasis on OutSystems-specific constructs including domain model redesign, reactive and mobile UI patterns, reusable components, service actions, and integration layers. Modernisation activities are designed to align with OutSystems' lifecycle management, CI/CD pipelines, and environment promotion models, ensuring consistency, governance, and operational stability across development and deployment environments.

Aaseya also supports customers in transitioning applications to modern OutSystems architectures, including preparation for and migration to OutSystems Developer Cloud (ODC), adoption of containerised and cloud-native deployment models, and alignment with OutSystems security, scalability, and performance standards. Incremental modernisation and coexistence patterns are used to minimise disruption, allowing legacy systems and modernised OutSystems applications to operate in parallel where required.

Overall, Aaseya OutSystems Modernisation Services enable organisations to fully leverage the OutSystems platform as a strategic modernisation engine—accelerating delivery, improving application quality, and establishing a sustainable foundation for continuous innovation and future digital transformation.



2. Scope of Services

Aaseya OutSystems Modernisation Services provide end-to-end support for modernising applications using the OutSystems low-code platform. The scope is designed to support organisations at different stages of their OutSystems journey, from initial re-platforming to advanced cloud-native modernisation and optimisation.

Application Assessment and Modernisation Planning

- Detailed Assessment of existing applications for suitability to OutSystems modernisation
- Identification of re-platform, refactor, or re-architect modernisation pathways
- OutSystems-specific architecture and feasibility analysis
- Definition of phased modernisation roadmaps aligned to business priorities

Re-platforming to OutSystems

- Migration of legacy application functionality to OutSystems 11 or ODC
- Recreation of business logic, workflows, and user interfaces using OutSystems constructs
- Domain model design and data migration alignment
- Validation of functional parity and performance benchmarks

Refactoring and Re-architecture

- Refactoring legacy logic into reusable OutSystems modules and service actions
- Adoption of reactive web and mobile UI patterns
- API-first and microservices-aligned architecture design
- Optimisation for scalability, maintainability, and performance

OutSystems Developer Cloud (ODC) Enablement and Migration

- Migration Readiness assessment for migration to OutSystems Developer Cloud
- Refactoring applications for ODC architecture and deployment models
- Containerisation and cloud-native configuration alignment
- Support for ODC environment setup, governance, and promotion models

Integration and Coexistence

- Integration with existing enterprise systems, databases, and APIs
- Design of coexistence patterns between legacy and OutSystems applications
- Event-driven and service-based integration approaches
- Secure data exchange and transaction management

Security, Compliance, and Governance

- Implementation of OutSystems security best practices
- Role-based access control and authentication integration
- Alignment with organisational compliance and regulatory requirements
- Governance frameworks for application lifecycle and change management

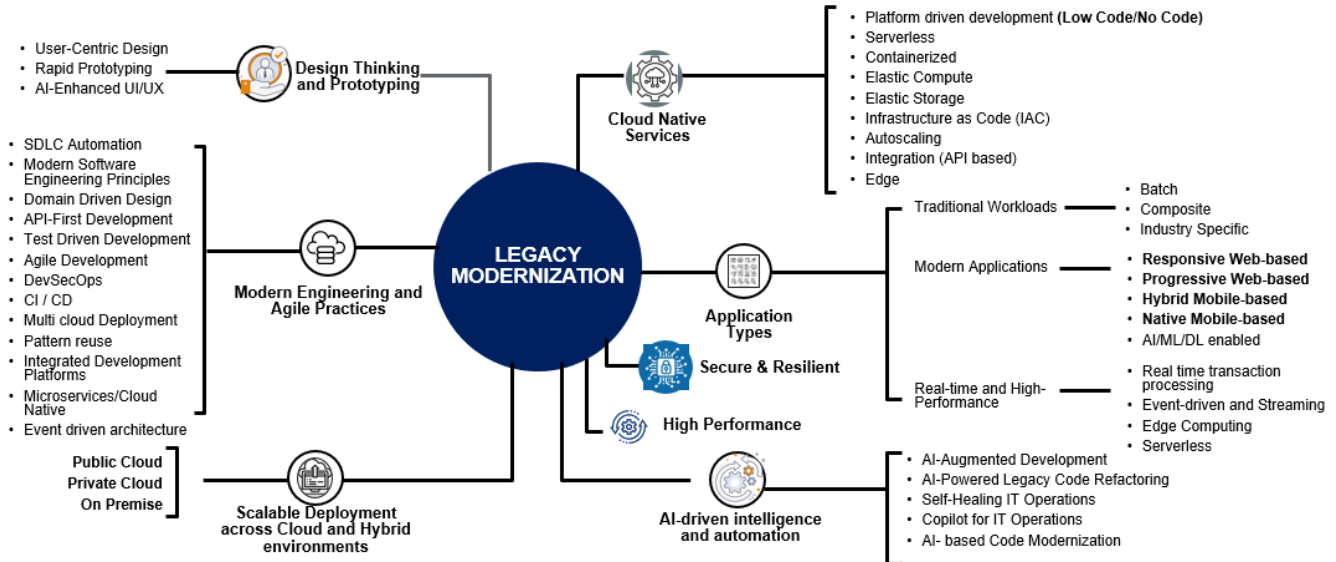
Post-Modernisation Optimisation

- Performance tuning and optimisation
- Continuous improvement and enhancement support
- Adoption of new OutSystems platform features
- Advisory for ongoing modernisation and innovation initiatives

Collectively, this scope ensures a structured and future-ready modernisation approach that aligns application transformation with OutSystems platform standards, enterprise governance, and long-term digital strategy.

3. Approach

Aaseya OutSystems Modernisation Services are delivered using Aaseya's Strategic Blueprint for Legacy Modernization, adapted specifically for the OutSystems low-code platform. The approach combines platform-driven engineering, cloud-native architecture, modern delivery practices, and AI-assisted acceleration to enable structured, low-risk modernisation of existing applications.



Platform-Aligned Discovery and Design: The approach begins with a user-centric discovery and design phase focused on understanding existing application behaviour, business outcomes, and technical constraints. Design thinking and rapid prototyping techniques are used to validate modernised user experiences early, leveraging OutSystems' reactive web and mobile capabilities. This ensures that modernisation delivers functional improvement alongside technical uplift.

OutSystems-Driven Modern Engineering: Modernisation is executed using OutSystems' low-code development model and modern software engineering principles. Legacy functionality is re-platformed or refactored into reusable OutSystems modules, service actions, and APIs. The approach emphasises API-first design, domain-driven structuring, and reuse to improve maintainability, scalability, and delivery speed while reducing long-term technical debt.

Cloud-Native and ODC Enablement: Applications are aligned to cloud-native deployment models, including preparation for and migration to OutSystems Developer Cloud (ODC) where applicable. This includes refactoring for containerised environments, elastic scaling, and secure cloud configurations. The approach supports deployment across public, private, and hybrid cloud environments, aligned to organisational and regulatory needs.

Agile Delivery and Automation: Delivery follows agile and DevSecOps practices, supported by OutSystems lifecycle management and CI/CD automation. Testing, security checks, and quality controls are embedded throughout the delivery lifecycle. This ensures predictable releases, controlled promotion across environments, and alignment with enterprise governance standards.

Secure, Resilient, and High-Performance Outcomes: Security, resilience, and performance are treated as foundational design principles. Applications are modernised to support role-based access control, secure integrations, and resilient execution patterns, while meeting performance expectations for real-time and high-throughput use cases.

AI-Augmented Modernisation and Continuous Evolution: Where appropriate, the approach incorporates AI-assisted techniques to accelerate refactoring, improve operational intelligence, and support continuous optimisation. Post-modernisation, applications are continuously enhanced to leverage new OutSystems platform features, ensuring the solution evolves alongside business and technology change.

4. Roles & Responsibilities

Aaseya OutSystems Modernisation Services are delivered through a multidisciplinary team combining OutSystems platform expertise, modern application architecture, and delivery governance. Roles are structured to ensure clear accountability across modernisation planning, platform-aligned delivery, quality assurance, and operational readiness, with responsibilities tailored to the scope and complexity of each engagement.

Role	Responsibilities
Engagement Leader / Scrum Master	• Plan and manage delivery of the OutSystems modernisation programme aligned to business objectives • Deliver agreed scope within defined timelines, budget, and quality metrics • Act as a trusted advisor on programme governance, delivery approach, and risk management • Align OutSystems-led modernisation and Agile delivery practices with the client's methodology • Serve as the single point of contact for programme governance and escalations • Facilitate Agile ceremonies including sprint planning, reviews, retrospectives, and daily stand-ups • Identify, manage, and mitigate delivery risks through active delivery and dependency management
Principal / Lead OutSystems Architect	• Provide overall technical oversight across application architecture, integrations, scalability, and security • Define reusable OutSystems architecture patterns aligned to future roadmap and extensibility • Guide development teams in implementing complex business logic and technical requirements • Ensure alignment between platform design, performance, and business outcomes • Establish and enforce OutSystems development standards, best practices, and governance • Support adoption of advanced OutSystems capabilities including reactive UI, mobile, and cloud-native deployment
Principal / Lead Business Architect	• Lead business discovery to capture journeys, personas, processes, and functional requirements • Collaborate with business stakeholders and Product Owners to define outcome-driven requirements • Identify and prioritise use cases, epics, and modernisation candidates aligned to value realisation • Drive early alignment between business and IT using visual artefacts and functional decomposition • Coordinate with OutSystems Architects to ensure traceability from business intent to implementation • Review and validate detailed use cases, user stories, and acceptance criteria
Cloud Architect	• Own end-to-end modernisation strategy including re-platforming, refactoring, and re-architecture • Define re-build vs refactor approaches based on technical debt, risk, and complexity • Lead remediation of legacy constructs, performance bottlenecks, and unsupported patterns

	• Drive platform alignment with OutSystems standards and lifecycle best practices • Coordinate modernisation sequencing, environment progression, and release planning • Act as technical authority for OutSystems 11 and ODC migration decisions
Experience UX Designer	• Act as UX/UI Lead owning end-to-end experience design • Design user experiences using OutSystems reactive web and mobile UI frameworks • Ensure consistency, accessibility, usability, and reuse across applications • Collaborate with Business Architects and Developers to translate journeys into intuitive interfaces • Conduct user research, usability testing, and design validation • Develop personas, journey maps, wireframes, and prototypes aligned to OutSystems design patterns
Senior OutSystems Developer	• Act as module leads responsible for delivery of assigned application components • Coordinate daily with the development team to ensure on-track execution • Escalate delivery risks and dependencies to project leadership • Configure and develop OutSystems components to deliver approved user stories • Conduct peer code reviews and ensure adherence to development standards • Perform unit testing and support system and integration testing • Collaborate with other delivery teams to resolve cross-component dependencies
Lead Quality Assurance	• Own and manage the overall test strategy and test plan • Review and approve test cases and test coverage • Oversee execution of functional, regression, and integration testing • Provide regular reporting on test status, application quality, and stability • Guide QA analysts and ensure testing best practices are followed • Ensure defects are logged with sufficient detail to support efficient resolution

5. Governance

The below table shows the governance framework Aaseya recommend as part of the Aaseya OutSystems Modernisation Service offering:

Review Type	Aaseya Participants	Customer Participants	Frequency
Project Kick Off Meeting	Aaseya CEO Customer Success Exec Project Manager Project Team	Programme Sponsor Programme / Project Manager Product Owner Team Members Client Representatives	Once
Daily Stand-up Call Meeting	SCRUM Master Project Manager Project Team	Project Manager Product Owner Team Members	Daily
Sprint Planning or Retrospection Meeting	SCRUM Master Project Manager Project Team	Programme Manager Project Manager Product Owner Team Members Client Representatives	Each Sprint
Status Review Meeting	Project Manager Business Change Consultant	Programme Manager Project Manager Product Owner	Weekly
Monthly Business Review	Customer Success Exec Project Manager Business Change Consultant	Programme Sponsor Programme Manager Project Manager	Monthly
Steering Committee Meeting	Aaseya CEO Customer Success Exec	Programme Sponsor Programme Manager	Bi-Monthly

6. Expected Outcomes

Aaseya OutSystems Modernisation Services are designed to deliver tangible business and technology outcomes by enabling organisations to modernise applications using the OutSystems low-code platform. The service combines Aaseya's structured modernisation approach with the depth and scale of its OutSystems practice to help organisations reduce technical debt, accelerate delivery, and adopt cloud-native application architectures with confidence.

Through this service, organisations can expect the following outcomes:

- Legacy applications modernised into OutSystems 11 or ODC-aligned solutions
- Reduced technical debt through platform-aligned refactoring and re-architecture
- Faster application delivery cycles enabled by OutSystems low-code capabilities
- Improved scalability, resilience, and performance through cloud-native designs
- Consistent, responsive web and mobile experiences using OutSystems UI frameworks
- Improved integration across enterprise systems using API-first patterns
- Secure and governed applications aligned to OutSystems lifecycle standards
- Reduced operational overhead through automated deployment and lifecycle management
- Phased modernisation with minimal disruption to ongoing business operations
- Improved internal capability through structured knowledge transfer and reuse

Backed by Aaseya's OutSystems Sales and Delivery Partner practice, a global delivery presence across multiple regions, and a strong pool of 150+ OutSystems professionals with extensive platform certifications, these outcomes enable organisations to maximise value from their OutSystems investments while establishing a sustainable foundation for continuous modernisation and innovation.



7. Company and Contact Information

Aaseya is a leading professional services company specialising in Low-Code, Digital Process Automation, and AI-driven transformation. With a team **of 600+ certified low-code and AI consultants**, Aaseya delivers rapid, high-quality implementations across leading platforms including OutSystems, Pega and Camunda. Our agile delivery frameworks and deep domain expertise enable organisations to accelerate time-to-value, modernise legacy estates, and transform critical business operations.

Operating across **13+ countries**, Aaseya partners with enterprises in Banking, Insurance, Manufacturing, Public Sector, and Government to deliver innovative solutions in Customer Experience, Case Management, CRM, Business Operations, and Workflow Automation. The organisation has successfully achieved 180+ go-lives in just seven years, backed by a strong governance-led delivery model and consistent 4.8+ CSAT across engagements.

Aaseya is a subsidiary of **YASH Technologies**, a global system integrator with **9,000+ employees**, serving 450+ global clients, including more than 100 Fortune 500 organisations. This combined capability enables Aaseya to deliver enterprise-grade transformation at scale, supported by strong security and compliance foundations.

Security Accreditations:

- ISO 27001
- Cyber Essentials
- Cyber Essentials Plus

Websites:

www.aaseya.com, www.yash.com

Contact Information

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