



G-Cloud 15

Service Definition Document

Aaseya Pega Modernisation Services

1. Overview

Aaseya Pega Modernisation Services enable organisations to modernise existing Pega applications and migrate them to secure, cloud-native deployment models. The service is designed to reduce technical debt, improve platform performance, and ensure long-term sustainability by upgrading Pega versions, adopting Constellation UI, and transitioning to Pega Cloud or container-based architectures.

As the only **Pega Government Elite Partner (in EMEA)**, Aaseya brings deep expertise in modernising complex, business-critical Pega estates across public sector and regulated environments. With **430+ certified Pega professionals** and experience across **180+ go-lives**, Aaseya has proven capability in executing large-scale upgrades, cloud migrations, and UI modernisation initiatives while maintaining business continuity and compliance.

The service covers modernisation journeys from legacy Pega versions (7.x and early 8.x) to the latest Pega Infinity releases, including Constellation adoption and cloud enablement. Aaseya applies a structured, assessment-led approach to determine the optimal modernisation path—ranging from in-place and out-of-place upgrades to phased Constellation migration and full cloud transition—tailored to each client's application landscape and risk profile.

Aaseya's modernisation **approach is underpinned by proprietary tools, accelerators, and automation assets** that significantly reduce assessment effort, upgrade timelines, and delivery risk. These include automated upgrade assessment, code quality and guardrail remediation tools, data migration accelerators, and Constellation automation capabilities. Where applicable, Aaseya leverages Pega GenAI Blueprint and agentic AI capabilities to accelerate analysis, support intelligent decision-making, and optimise modernisation outcomes.

With a strong focus on cloud-first delivery, security, and governance, Aaseya supports organisations in migrating from on-premise or self-managed environments to Pega Cloud or managed cloud models. This enables improved resilience, scalability, and operational efficiency while allowing organisations to focus on business agility rather than infrastructure management.

Aaseya Pega Modernisation & Cloud Migration Services provides a controlled, compliant, and future-ready pathway for organisations to modernise their Pega platforms, unlock new capabilities, and prepare their environments for ongoing managed services, continuous innovation, and long-term digital transformation.

2. Scope of Services

Aaseya Pega Modernisation Service provides a comprehensive set of capabilities to assess, modernise, upgrade, and migrate existing Pega applications to current, cloud-ready, and future-proof architectures. The service is designed to minimise risk, reduce technical debt, and enable organisations to continuously adopt new Pega platform capabilities while maintaining operational stability.

The scope spans assessment, planning, execution, validation, and post-migration stabilisation across Pega version upgrades, Constellation UI modernisation, and cloud migration initiatives.

Modernisation Assessment & Roadmap Definition

- Detailed assessment of existing Pega applications, environments, integrations, and infrastructure
- Identification of deprecated rules, customisations, legacy frameworks, and technical debt
- Evaluation of current Pega version, support status, guardrail compliance, and architecture alignment
- Assessment of Constellation readiness, DX API usage, and UI modernisation options
- Cloud readiness assessment covering application, database, integrations, security, and DevOps
- Definition of a tailored modernisation roadmap, including recommended upgrade paths, migration approach, risks, dependencies, and mitigation strategies

Pega Version Upgrade & Platform Modernisation

- Detailed Upgrade of Pega applications from legacy versions (7.x, early 8.x) to supported Pega Infinity releases
- In-place and out-of-place upgrade approaches based on application complexity and risk profile
- Remediation of deprecated rules, legacy integrations, and unsupported features
- Guardrail improvement and compliance remediation to align with modern Pega standards
- Adoption of new platform features and capabilities introduced in target Pega versions
- Performance tuning and stabilisation following upgrade execution

Constellation UI Modernisation

- Detailed Assessment of existing UI layers for Constellation compatibility
- Definition of incremental or full Constellation migration strategies
- Automated and tool-assisted migration of UI rules where feasible
- Refactoring of UI components to adopt prescribed Constellation design patterns
- Enablement of accessibility, localisation, and responsive design features
- Validation of user experience, performance, and usability post-modernisation

Cloud Migration & Deployment Modernisation

- Migration from on-premise or self-managed Pega environments to Pega Cloud or container-based cloud deployments
- Assessment and preparation of infrastructure, database, and integration components for cloud readiness
- Migration of environments across development, test, staging, and production landscapes
- Secure data migration using controlled ETL and reconciliation processes
- Alignment with Pega Cloud security, compliance, and operational standards
- Enablement of cloud-native scalability, resilience, and availability

Tool-Led Accelerators & Automation

- Use of proprietary assessment tools to accelerate upgrade and migration planning
- Automated analysis of upgrade complexity, compatibility gaps, and remediation effort
- Tool-assisted Constellation assessment and UI modernisation
- Code quality, security, and guardrail remediation using automation and accelerators
- AI-assisted testing, regression validation, and performance verification
- Data migration accelerators to reduce risk and manual effort

The service is complemented by Aaseya's supporting specialist practices, including Quality Assurance and Testing, Business Analysis, User Experience and Design, DevOps, and a dedicated AI Practice. These capabilities are engaged as required to ensure delivery quality, user adoption, governance compliance, and the effective application of automation and AI-enabled acceleration across modernisation and cloud migration initiatives.

3. Approach

Aaseya Pega Modernisation Services follow a structured, assessment-led, and risk-managed approach designed to modernise existing Pega applications while maintaining business continuity, security, and compliance. The methodology combines Pega best practices, Aaseya's proprietary accelerators, and automation-driven execution to deliver predictable outcomes across Upgrade, Constellation modernisation, and Cloud migration initiatives.

The approach is modular and adaptable, allowing organisations to adopt the appropriate modernisation path based on application complexity, target architecture, regulatory requirements, and risk appetite. Delivery is governed through defined checkpoints, quality gates, and stakeholder reviews to ensure transparency and control throughout the engagement.

Assessment & Modernisation Planning

The engagement begins with a comprehensive assessment of the existing Pega landscape, covering application architecture, version compatibility, UI layers, integrations, data, infrastructure, and operational readiness. This phase identifies deprecated functionality, technical debt, customisations, and cloud readiness gaps.

Aaseya applies proprietary assessment tools and automated analysis to accelerate discovery and provide objective insights into upgrade complexity, Constellation readiness, and migration risks. Outputs include a clear modernisation roadmap, recommended upgrade and migration approach, risk and dependency analysis, and an indicative delivery plan aligned to business priorities.

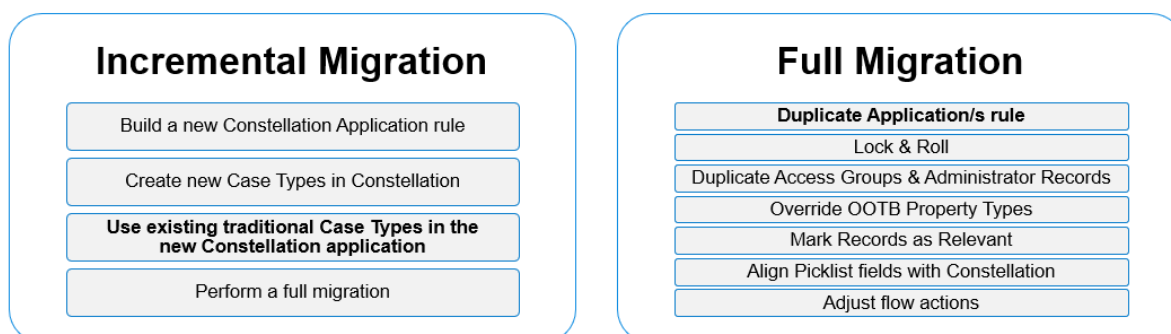
Key Assessment Accelerators of Aaseya and its usage:

- Use of **Aaseya Automated Constellation Assistant (AACA)** to accelerate Constellation readiness assessment, identify UI compatibility gaps, deprecated patterns, and estimate modernisation effort.
- Use of **Aaseya Upgrade Companion (AUC)** to perform automated upgrade assessments, analyse version compatibility, identify remediation requirements, and recommend optimal upgrade and migration paths.

Upgrade, Modernisation & Remediation

Based on the agreed roadmap, Aaseya executes Pega version upgrades and platform modernisation using either in-place or out-of-place approaches. This phase focuses on remediating deprecated rules, legacy integrations, and unsupported features while improving guardrail compliance and aligning applications with modern Pega architecture standards.

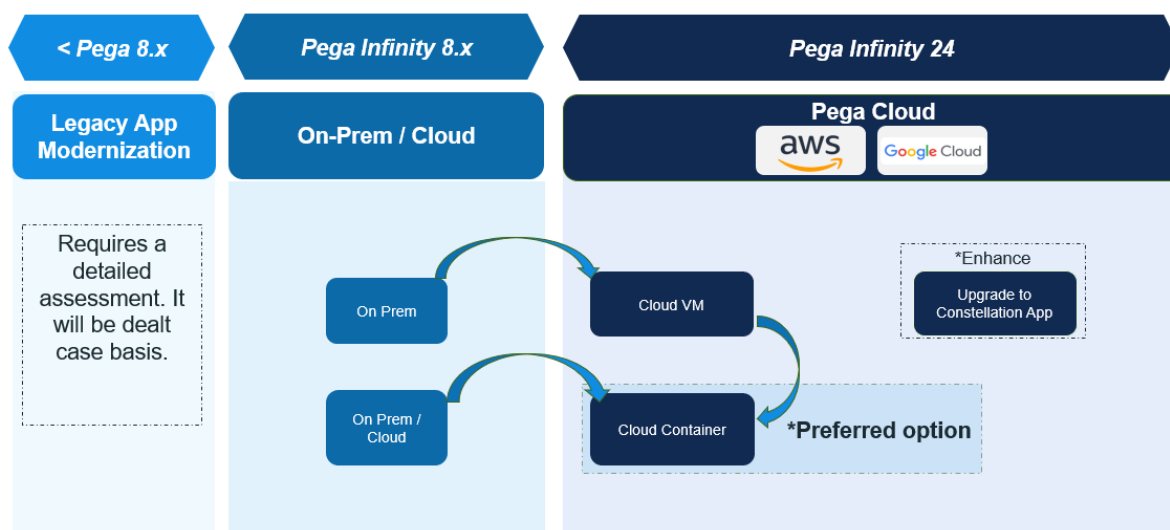
Where applicable, Constellation UI modernisation is performed using incremental or full migration strategies. Automated and tool-assisted techniques are applied to accelerate UI conversion, refactor components, and adopt prescribed design patterns while ensuring accessibility, performance, and usability.



Cloud Migration & Deployment Modernisation

For cloud migration initiatives, Aaseya prepares applications, data, and environments for transition to Pega Cloud or container-based cloud deployments. This includes infrastructure readiness, security alignment, integration modernisation, and data migration planning.

Migration is executed across development, test, staging, and production environments using controlled, phased approaches to minimise disruption. Secure data migration, reconciliation, and cutover planning are performed to ensure integrity and continuity, followed by validation against performance, security, and compliance criteria.



Validation, Testing & Go-Live Readiness

Aaseya conducts comprehensive validation across functional, regression, performance, security, and non-functional dimensions to ensure modernised applications meet defined acceptance criteria. Automated testing and AI-assisted regression techniques are leveraged to improve coverage and reduce validation cycles.

Go-live readiness activities include final reconciliation, release coordination, stakeholder sign-off, and controlled production deployment. This phase ensures that upgraded and migrated applications are stable, performant, and ready for operational use.

Stabilisation & Transition

Following go-live, Aaseya provides structured stabilisation and hypercare support to address early-life issues and ensure smooth adoption. Knowledge transfer, documentation updates, and operational handover are completed to enable transition to internal teams or managed service operations.

The methodology concludes with recommendations for continuous optimisation, feature adoption, and alignment with future platform releases, ensuring long-term sustainability and value realisation.

4. Roles & Responsibilities

The key roles supporting Aaseya Pega Modernisation Services are designed to ensure controlled delivery, risk-managed modernisation, and successful transition to cloud-ready Pega platforms, enabling customers to maximise long-term value from their Pega investments.

Role	Responsibilities
Engagement Leader / Scrum Master	• Plan and manage delivery of the Pega implementation in line with 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 Pega GenAI Blueprint-led and Agile delivery practices with the client's methodology • Serve as single point of contact for programme governance and escalations • Facilitate Agile ceremonies and act as Scrum Master • Identify, manage, and mitigate delivery risks through active risk governance
Principal / Lead System Architect	• Provide technical oversight across workflow automation, integrations, decisioning, and scalability • Define reusable architecture patterns aligned with future roadmap and extensibility • Guide development teams in implementing complex business and technical requirements • Ensure alignment between technical design and business outcomes • Establish and enforce technical governance, standards, and best practices • Support adoption of advanced Pega capabilities including Real-Time Decisioning, RPA, and AI-enabled automation
Principal / Lead Business Architect	• Lead business discovery using Pega GenAI Blueprint to rapidly capture journeys, personas, rules, and workflows • Collaborate with business stakeholders and Product Owners to define outcome-driven requirements • Identify and prioritise high-level use cases and epics aligned to value realisation • Drive early alignment between business and IT through Blueprint visual artefacts • Coordinate closely with System Architects to ensure traceability from Blueprint to implementation • Review and validate detailed use cases and acceptance criteria
Pega Upgrade / Modernisation Lead	• Own end-to-end upgrade and modernisation strategy across versions and UI layers • Define in-place vs out-of-place upgrade approach based on risk and complexity • Lead remediation of deprecated rules, legacy frameworks, and unsupported features • Drive guardrail improvement and platform compliance during modernisation • Coordinate upgrade planning, sequencing, and environment progression

	• Act as technical authority for Constellation migration decisions and tooling
Cloud & Migration Architect	• Define target cloud deployment architecture (Pega Cloud or container-based) • Lead cloud readiness assessment across application, database, and integrations • Design and govern environment migration strategy (Dev → Test → Prod) • Oversee secure data migration, reconciliation, and cutover planning • Ensure alignment with cloud security, compliance, and operational standards • Coordinate with client cloud, security, and infrastructure teams
Experience Designer	• Act as UX/UI Lead, owning end-to-end experience design • Design user experiences using Pega Constellation, ensuring consistency, accessibility, and reusability • Collaborate with Business Architects and Developers to translate journeys into intuitive user interactions • Conduct user research and usability assessments • Develop personas, journey maps, wireframes, and prototypes aligned to Constellation standards • Define design guidelines to ensure scalable, future-ready user experiences across channels
Senior Business Architect	• Elaborate Blueprint-defined requirements into detailed user stories and acceptance criteria • Work closely with System Architects during build and refinement phases • Ensure business intent is preserved across configuration, rules, and workflows • Support backlog grooming, sprint planning, and stakeholder reviews
Senior System Architect	• Act as module leads • Daily coordination with the team and assure on-track of development • Escalate to project leadership of any delivery risks • Configuration of the system to deliver the User Stories • Code Reviews • Interaction with other delivery teams, to provide clarifications or seek clarifications • Unit testing • Support Testing
Lead Quality Assurance	• Responsible for delivery of Test plan • Review test cases • Execute test cases • Weekly report on test status, quality of configuration, application stability • Support QA Analysts • Ensure defects raised have adequate details to assist quicker debugging
Quality Assurance & Automation	• Author test cases • Execute test cases • Log test results • Report issues

5. Governance

The below table shows the governance framework Aaseya recommend as part of the Aaseya Pega Implementation 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 Pega Modernisation Services are designed to deliver tangible, long-term outcomes that help organisations modernise their existing Pega estates, reduce operational risk, and transition confidently to cloud-ready, future-proof platforms. By combining structured assessment, tool-led modernisation, and proven delivery practices, the service enables measurable improvements across platform stability, performance, governance, and business agility.

Key expected outcomes include:

- **Modernised and future-ready Pega platforms** through upgrades to supported Pega Infinity versions and adoption of Constellation UI
- **Reduced technical debt** by eliminating deprecated functionality, remediating customisations, and improving guardrail compliance
- **Improved application stability, performance, and reliability** following structured upgrades, tuning, and validation
- **Lower operational and delivery risk** through assessment-led planning, risk-managed execution, and controlled migration approaches
- **Enhanced security, compliance, and governance** aligned to Pega Cloud standards and regulatory requirements
- **Accelerated adoption of new Pega features and platform capabilities**, including AI and automation, without repeated rework
- **Improved user experience, accessibility, and consistency** through Constellation-based UI modernisation
- **Increased scalability and resilience** enabled by cloud-native and container-based deployment models
- **Predictable modernisation outcomes** driven by automation, accelerators, and transparent delivery roadmaps
- **Readiness for ongoing managed services**, continuous optimisation, and long-term platform evolution

Overall, Aaseya Pega Modernisation Services provide organisations with a controlled, compliant, and future-focused pathway to modernise their Pega platforms—ensuring sustained value from existing investments while enabling continuous innovation, operational excellence, and cloud-enabled transformation.

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 Pega, OutSystems, 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

Matthew Leamy – Vice President, Sales Europe; **Email:** GCloud@aaseya.com