Pricing Document: Skyral CORE licensing.

Service Name: Skyral CORE licensing
Supplier Name: Skyral Defence Ltd
Framework and Lot: G-Cloud 15, G-Cloud 15, Lot 2b

Version Number: v1.0

Date: 14 January 2026

Status: Final

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1. Service Overview

Purpose

SKYRAL CORE in a Box is a managed platform service that enables organisations to build, run, analyse and operate large-scale modelling and simulation environments with sustained trust and predictable cost. The service is underpinned by Skyral CORE - a modular, cloud-native ecosystem of tools, technologies and APIs that encapsulates nearly a decade of accumulated knowledge in large-scale agent-based modelling (ABM), synthetic environment engineering and simulation-driven decision support.

CORE in a Box reduces the complexity, time and risk associated with:

- Building bespoke modelling and simulation solutions from scratch
- Managing simulation infrastructure, reliability and scaling
- Integrating with existing data, analytics and operational systems
- Governing simulation quality, repeatability and assurance

Customers procure a licence to Skyral CORE, hosted in either a public cloud (e.g. Microsoft Azure in the customer's tenant), a private/hybrid cloud, or a sovereign environment when data residency or regulatory constraints apply.

Skyral CORE can sit as its own section after your pricing model, or you can split it into two: one on capabilities and one on cross-market use. Here is draft text you can drop straight in and tune for tone/length.

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2. Skyral CORE Capabilities

Skyral CORE is the platform through which organisations turn modelling and simulation from one-off projects into a trusted operational capability that can grow in scope, complexity and impact over many years. It provides the common runtime, data, execution and visualisation services needed to build, run, analyse and operate large-scale simulations with confidence rather than brittle, bespoke infrastructure.

CORE structures simulation delivery around four concerns that must scale together if trust is to be maintained: building simulations, running at scale, understanding results and operating across diverse environments. This is delivered through a modular ecosystem of components including Lattice (high-performance ABM runtime), Content Catalogue (governed application packaging), Orchestrator (reliable execution at scale), Scenario Service (structured scenarios and experiments), Data Plane (data interoperability and analytics) and Lens (shared operational picture), all underpinned by SPORE for cloud-neutral operations.

By standardising how simulations are run, monitored, secured, visualised and evolved, Skyral CORE reduces delivery risk and long-term cost, making simulation a sustainable capability rather than a series of ad-hoc builds. Customers can focus their specialist effort on model logic, decision workflows and mission outcomes, while relying on CORE for repeatability, assurance and integration into enterprise data and observability tooling.

2.1 Build and govern simulations

CORE accelerates initial delivery by providing proven frameworks and tooling to develop, test and package simulations as governed applications rather than loose collections of scripts and models. The Content Catalogue acts as the control point for reuse, versioning and deployment, allowing teams to compose solutions from reusable content (models, scenarios, datasets and analytics logic) and to evolve them safely over time.

This content-centric approach turns accumulated mission understanding into managed assets that can be deployed repeatedly, not reinvented for each programme. It also underpins Skyral's "3-day, 3-week, 3-month" delivery model by allowing existing content to be combined and adapted quickly to new contexts.

2.2 Run at scale with confidence

As simulation becomes strategically important, the challenge shifts from building models to running them reliably at the cadence decision-makers require. The Skyral Orchestrator turns simulations from bespoke jobs into a managed service, providing controlled queuing, parallel execution and lifecycle management so large volumes of runs can be completed predictably under time and cost constraints.

Scenario Service allows decisions to be framed as structured scenarios and experiments, ensuring runs are repeatable, traceable and comparable across time, teams and vendors. Together, these services allow organisations to standardise execution across heterogeneous models and suppliers, reducing operational fragility and enabling simulation to plug into governed enterprise workflows.

2.3 Understand and reuse results

Data Plane makes simulation outputs trusted, comparable and reusable by imposing consistent structures and interfaces for storing, querying and exporting results. It supports integration into analytics platforms and data lakes so that simulation evidence sits alongside other enterprise data, rather than in disconnected silos.

Lens then provides a single, map-centred operational view across simulations and decision-support systems, allowing stakeholders to see what is happening, where, and how situations are evolving without stitching together multiple bespoke interfaces.



This shared view improves situational awareness, speeds up decisions and avoids repeated investment in custom front-ends for each programme.

2.4 Operate anywhere, over years

SPORE, Skyral's cloud-neutral operational foundation, allows simulation and decision-support systems to be deployed and supported consistently across public cloud, private data centres, sovereign platforms and edge environments. It provides a stable abstraction over identity, access control, logging, monitoring, storage and data services so that simulation capability can outlive the infrastructure on which it first runs.

By decoupling simulation systems from any single provider and ensuring consistent operational behaviour, SPORE reduces lock-in, incident risk and long-term support cost. This is particularly important for defence, national security and critical infrastructure programmes where systems must operate reliably in constrained, partially disconnected or highly regulated environments.

3. Cross-Market Use of Skyral CORE

Skyral CORE underpins programmes where modelling and simulation must be delivered as a sustained capability, from defence decision support and training through to national-level digital twins and complex commercial networks. The same modular platform is applied differently across markets by combining CORE components with solution-specific content and models.

3.1 Defence and national security

In defence mission planning and decision support, CORE powers large-scale agent-based simulations that explore courses of action, logistics constraints and force laydown across multi-domain operations. Orchestrator and Scenario Service enable rapid exploration of large scenario spaces, while Lens provides a shared operational picture for planners, commanders and analysts during planning and rehearsal.

SPORE and CORE's security-aware deployment patterns allow the same capabilities to run in public cloud for development, in private or sovereign environments for classified use, and at the edge for forward-deployed rehearsal and decision support. Over time, reusable content such as campaign templates, mobility models and threat behaviours is captured in the Content Catalogue, reducing lead times for new exercises and operations.

3.2 Health and public policy

In health policy and programme strategy, CORE supports digital twins of health systems to test interventions, patient-flow changes, workforce models and resilience strategies before implementation. Data Plane integrates simulation outputs with epidemiological data, service metrics and cost information, enabling policymakers to compare options on outcomes such as waiting times, bed utilisation and equity across populations.

Scenario Service and Lens make these analyses accessible to mixed teams of clinicians, planners and policymakers by structuring experiments and providing a clear visual narrative of how different strategies play out over time and geography. As programmes mature, reusable content such as demand models, resource allocation patterns and intervention libraries can be rolled forward into new regions or service lines.

3.3 Networked and critical infrastructure

For telecoms, transport and other critical networks, CORE underpins digital twins that simulate demand, failures, maintenance and upgrade strategies across large, distributed infrastructures. Orchestrator scales Monte Carlo and what-if analyses so planners can explore the impact of disruptions, investment plans or policy changes under thousands of plausible futures within practical decision timelines.

Lens provides a unified view of network performance, risk and resilience across geographies and vendor systems, while Data Plane ensures outputs can be fed into existing NOC, planning and financial tools. SPORE enables these capabilities to be deployed across mixed estates that may include public cloud, private data centres and edge locations close to physical assets.

3.4 Cross-cutting benefits

Across these markets, organisations adopt Skyral CORE because it allows them to trust simulation as it scales, maintain control as more suppliers and models are added, and reuse accumulated knowledge rather than starting from scratch on each programme. Customers see faster time-to-insight, lower lifetime cost and reduced operational risk by treating simulation as a long-lived service built on a common platform, rather than as isolated, one-off projects.

4. CORE Licence Pricing Model

Overview

Skyral CORE licence levels are calculated using the Skyral Core Licence Level Criteria and Scoring table, ensuring customers only pay for the components their deployment or use case actually requires. Licence "points" are derived from factors such as:

- Number and type of CORE components in use
- Hosting patterns and environments (public cloud, private, sovereign)
- Scale of user seats and concurrent simulation runs
- Security classification and data-governance requirements

This ensures that smaller or more focused deployments are not charged as if they were full-estate roll-outs. Skyral provides expert guidance to size new and evolving requirements, helping buyers select an appropriate licence level at the outset and adjust it over time as additional components or environments are introduced.

Licence Type Options

- Operational Licence: For production and operational deployments where decisions depend on simulation results and continuous availability is required.
- Dev-Test Licence: For development, testing and non-production environments; typically 10% of operational licence cost.
- Trial Licence: Optional 6-month trial period at negotiated rates; typically bundled with Skyral Synthetics Development as a Service engagements.

3. Licence Level Criteria and Scoring

Customers' licence points are calculated using the table below. Points accumulate based on the components, hosting configurations and scale factors relevant to the deployment. The Criteria and Tiers are explained in more detail in Sections 5 and 6.

Table: Skyral Core Licence Level Criteria and Scoring

Component Selection

Criteria	Tier	Points
Number of Skyral CORE Components	0–5	0pts
	6–10	3pts
	11–15	5pts
	16–20	8pts

	21+	12pts
Number of User Seats (e.g. XCON, Planners)	0–5	0pts
	6–10	3pts
	11–20	7pts
	21–50	8pts
	50+	9pts
Number of Participant / Viewer Seats	0–50	0pts
	51–100	3pts
	101–250	5pts
	251–500	10pts
	501+	12pts

Hosting and Environment Configuration

Criteria	**Tier**	**Points**
Number of Hosting Types	0–2	0pts
	3–4	1pts
	5–6	3pts
	7–8	5pts
	9+	8pts
Number of Hosting Locations	0–5	0pts
	6–10	3pts

	11–25	7pts
	26–50	8pts
	51+	10pts
Deployed Environment	Onshore	0pts
	Offshore	3pts
	Hazard	5pts
	Theatre	10pts

Security and Compliance

Criteria	**Tier**	**Points**
Security Requirements	Unclassified	0pts
	Official	1pts
	Official Sensitive	3pts
	Secret	7pts
	Top Secret	8pts
	Special	10pts
Cross-Classification (High/Low)	–	16pts
SLA Package	Standard	0pts
	Enhanced	3pts
	Premium	8pts
	Premium+	10pts

Example Scoring Scenarios

Scenario 1: Small Development Deployment

- 3 CORE components (0pts) + 5 user seats (0pts) + 20 participant seats (0pts) + 1 hosting type onshore (0pts) + Unclassified (0pts) = 0 total points → Level 1

Scenario 2: Regional Operational Deployment

- 8 CORE components (3pts) + 15 user seats (7pts) + 150 participant seats (5pts) + 2 hosting types (0pts) + Official Sensitive (3pts) = 18 total points → Level 4

Scenario 3: Large Multi-Site Sovereign Deployment

- 16 CORE components (8pts) + 35 user seats (8pts) + 400 participant seats (10pts) + 4 hosting types (1pts) + 8 hosting locations (3pts) + Secret (7pts) + Premium SLA (8pts) = 45 total points → Level 7

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4. Sizing and Expert Guidance

How Skyral Helps You Size

Skyral's licensing team provides expert guidance at three key stages:

Initial Sizing (Pre-Procurement)

- Skyral workshops with customer teams to understand deployment scope, user needs, hosting requirements and security classification.
- Points-based assessment to recommend an appropriate initial licence level.
- Cost estimate and ROI analysis tailored to the customer's roadmap.

Deployment Tuning (Go-Live)

- As the deployment is built, actual component usage and seat requirements are tracked and validated.
- Fine-tuning of licence level if initial assumptions change.
- Transition to production licence with clear escalation path if future growth is anticipated.

Continuous Optimisation (Operational)

- Quarterly review of licence utilisation, component adoption and seat scaling.
- Recommendations for licence level adjustments as new use cases or environments are added.
- Advance notice and planning for multi-year roadmaps.

Adding Components or Environments Over Time

CORE is designed to scale. If customers add new components, hosting locations or user seat requirements:

- Skyral reassesses the points total and recommends a new licence level.
- Transition path and pricing for the upgrade are negotiated in advance.



- No surprise costs; all changes are transparent and explicitly approved.

5. Service Delivery and Support

Included in CORE Licence

- Platform access: Full access to Skyral CORE and its modular components (Lattice, Orchestrator, Scenario Service, Data Plane, Lens, Content Catalogue, SPORE).
- Hosting: Deployment in the customer's chosen environment (public cloud, private cloud, sovereign) - See more detail in Section 6.
- Updates and patches: Regular software updates, security patches and performance optimisations.
- Technical support: Tiered support (based on SLA tier) for configuration, troubleshooting and operational issues.
- Documentation: Access to technical documentation, APIs and developer guides.

Support Tiers

SLA Tier	**Response Time (Critical)**	**Response Time (High)**	**Response Time (Medium)**	**Included Support Hours**
Standard	4 hours	8 hours	24 hours	Business hours
Enhanced	2 hours	4 hours	8 hours	Business hours + on-call
Premium	1 hour	2 hours	4 hours	24/7
Premium+	30 minutes	1 hour	2 hours	24/7 + dedicated engineer



Optional Additional Services (Separate)

In addition to the services described above and covered by the Skyral CORE License fee, Skyral can provide the following supporting services to complete your modelling and simulation project:

- Skyral Synthetics Development as a Service: Custom modelling, simulation environment build, scenario design and delivery (3–6 month engagements).
- Professional Services: Custom integration, training and consulting.
- Content: Pre-built simulation content and templates for common use cases.

6. Deployment Models

Hosting Options

Skyral CORE can be deployed in:

- Public Cloud (Microsoft Azure): In the customer's own Azure tenant, with Skyral providing managed support and updates.
- Private Cloud / Hybrid: In customer-operated data centres or hybrid environments using Skyral SPORE (cloud-neutral operational foundation).
- Sovereign Environments: In air-gapped, classified or geographically constrained environments with data residency requirements.
- Edge Deployments: On customer premises or edge infrastructure for low-latency simulation.

Managed vs. Customer-Managed

- Skyral Managed: Skyral hosts, patches, monitors and supports the platform; customer accesses via secure APIs and UX.
- Customer-Managed: Customer operates the platform using SPORE; Skyral provides guidance and support.

7. Data, Security and Compliance

Data Ownership and Portability

- All customer data remains the customer's property.
- Data can be exported in standard formats at any time.
- Upon contract termination, data is returned or securely deleted per contractual terms.

Security

- Skyral operates under ISO 9001 and ISO 27001 processes.



- Deployments support security classifications from Unclassified through Top Secret (UK MoD aligned).
- DevSecOps practices ensure security is engineered into the platform.
- Regular penetration testing and security assurance reviews.

Data Residency and Sovereignty

- Deployments can be constrained to specific geographies or sovereign environments.
- Support for UK, EU, US and other regulatory data-residency frameworks.
- Flexibility for highly classified or sensitive national security applications.

8. Commercial Terms

Licence Duration

- Annual: Licence expires 12 months from activation; renewal negotiated in advance.
- Multi-Year: 2- or 3-year agreements available with volume discounts.
- Trial: Optional 6-month trial at negotiated rates; trial licence can be credited toward first year operational licence if customer proceeds.

Price Adjustments

- Annual price adjustments are negotiated and agreed; typically 3–5% annually to reflect inflation and platform enhancements.
- Major feature additions or tier upgrades are communicated 90 days in advance.

Termination and Wind-Down

- Either party may terminate with 90 days' written notice (unless otherwise agreed in contract).
- Termination of licence does not affect customer access to derivative models, content or outputs created during the licence period.
- Data export and secure deletion support provided at no additional cost.

9. Getting Started

Pre-Engagement (Sizing and Scoping)

1. Initial consultation: Meet with Skyral licensing and technical teams to understand your use case, scale and constraints.
2. Sizing workshop: Collaborative assessment using the Licence Level Criteria and Scoring table.

3. Cost estimate: Transparent pricing for recommended licence level(s), including support tier options.

Procurement and Deployment

1. Contract negotiation: Standard or tailored commercial terms.
2. Environment setup: Deployment of CORE platform in agreed hosting environment (public cloud, private, sovereign).
3. Team onboarding: Training for your technical and operational teams.

Operational Phase

1. Deployment tuning: Fine-tuning components, users and security settings based on actual usage.
2. Support engagement: Activation of support tier and escalation procedures.
3. Continuous improvement: Quarterly reviews and licence optimisation.

10. Contact and Support

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