

GlobalLogic AWS Landing Zone Accelerator (LZA) Service

SERVICE DEFINITION DOCUMENT - VERSION 1.0

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1. Detailed Service Description

1.1 Overview

GlobalLogic's AWS Landing Zone Accelerator (LZA) Service addresses the critical challenge of "account sprawl" and inconsistent security in public sector cloud estates. We design and deploy a secure, automated, and scalable cloud foundation using AWS Control Tower and the Landing Zone Accelerator (LZA).

This service replaces manual, ad-hoc account creation with a structured "Account Factory," enabling development teams to provision pre-configured, compliant AWS accounts in minutes. By embedding NCSC-aligned guardrails, centralised logging, and identity management from day one, we ensure your environment remains secure, audit-ready, and capable of scaling to support highly regulated workloads.

1.2 Scope of the Service

This service covers the end-to-end design and implementation of the AWS Landing Zone, including:

- **Architecture Design:** Definition of multi-account structure (AWS Organizations), OU hierarchy, and networking topology.
- **Core Build:** Deployment of AWS Control Tower and Landing Zone Accelerator (LZA) pipelines.
- **Security & Governance:** Configuration of preventive/detective guardrails, SCPs, and AWS Config rules aligned to NCSC principles.
- **Identity & Access:** Implementation of AWS IAM Identity Center (SSO) integrated with your identity provider.
- **Automation:** Setup of "Account Factory" for self-service account provisioning (using Terraform/AfT or CloudFormation).
- **Networking:** Configuration of Transit Gateway, VPC IPAM, and firewall integration.
- **Observability:** Establishment of centralised logging (CloudTrail, Config) and security monitoring (Security Hub, GuardDuty).

1.3 Delivery Approach

We utilise a structured, sprint-based delivery model to ensure rapid time-to-value:

- **Discovery & Design:** We assess your current estate and compliance requirements to produce a High-Level Design (HLD) for the Landing Zone, including OU structure and network topology.
 - **Build Out (Sprint 0):** Deployment of the baseline AWS Control Tower environment and core Landing Zone Accelerator pipelines (approx. 45-minute initial deployment).
 - **Customisation (Sprint 1+):** Implementation of specific guardrails, networking (Transit Gateway), and security configurations (e.g., FedRAMP/NCSC alignment).
 - **Migration & Validation (Sprint 2+):** Pilot migration of nominated accounts to test the "Account Factory" process, followed by structured migration waves.
 - **Transition:** Comprehensive handover including "as-built" documentation, knowledge transfer sessions, and operational playbooks.
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1.4 Tools, Methods & Standards

- **Core Technology:** AWS Control Tower, AWS Organizations, Landing Zone Accelerator (LZA).
 - **Infrastructure as Code (IaC):** CloudFormation, Terraform, Account Factory for Terraform (AfT).
 - **Security Standards:** Aligned to NCSC Cloud Security Principles, NIST, FedRAMP, and HIPAA.
 - **Methodology:** Agile delivery (Sprint-based) with automated CI/CD pipelines for infrastructure management.
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1.5 Deliverables

- **High-Level Design (HLD):** Detailed architecture document for the multi-account structure and networking.
 - **Operational Landing Zone:** Fully deployed AWS Control Tower and LZA environment.
 - **Account Factory:** Automated mechanism for vending new accounts.
 - **Security Baseline:** Deployed guardrails, SCPs, and centralised logging configuration.
 - **Documentation:** Technical documentation and operational guides for the new environment.
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1.6 Dependencies & Constraints

- **AWS Access:** Administrative access to the designated AWS Management (Root) account is required.
 - **Third-Party Integration:** Details of existing identity providers (e.g., Azure AD, Okta) must be provided for SSO integration.
 - **Prerequisites:** Existing AWS Organizations structure (if applicable) must meet Control Tower prerequisites before deployment.
 - **Region Availability:** Deployment is subject to AWS Region availability for specific Control Tower features.
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1.7 Customer Responsibilities

- Provide timely access to key stakeholders (Cloud Platform Lead, Enterprise Architect, Security/InfoSec).
 - Approve design decisions and "break-glass" procedures.
 - Provide necessary network information (IPAM, VPN/Direct Connect details).
 - Participate in User Acceptance Testing (UAT) of the Account Factory process.
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1.8 Quality Assurance & Governance

- **Governance:** Weekly status reports and sprint reviews to track progress against the plan.
 - **Technical QA:** Automated linting and security scanning (e.g., cfn_nag, Checkov) within IaC pipelines.
 - **Validation:** Post-deployment validation using AWS Config drift detection to ensure the environment matches the design.
 - **Review:** "Four-eyes" review process for all critical configuration changes.
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1.9 Security, Data Protection & Compliance

- **Security by Design:** The solution enforces preventive and detective guardrails by default, ensuring all new accounts meet the security baseline.
 - **Data Sovereignty:** All data remains within the customer-defined AWS Regions.
 - **Encryption:** Encryption at rest (KMS) and in transit (TLS) configured for all relevant services (S3, EBS, RDS).
 - **Audit Trail:** Centralised, immutable logging (CloudTrail) stored in a dedicated Log Archive account for forensic analysis.
 - **Compliance:** The LZA Universal Configuration aligns with frameworks including NCSC, FedRAMP, and CMMC.
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2. Onboarding & Offboarding

2.1 Onboarding

Our onboarding process ensures a rapid start:

1. **Kick-off Workshop:** We confirm the scope, team roles, and communication channels.
2. **Backlog Creation:** We populate a backlog with Epics and User Stories for the design and build phases.
3. **Access Setup:** We establish secure access channels for our engineering team to your AWS environment.

2.2 Offboarding

We ensure you are self-sufficient before we leave:

1. **Knowledge Transfer:** We conduct "walkthrough" sessions with your technical team to explain the code and operational procedures.
 2. **Documentation Handover:** Final delivery of all design docs, runbooks, and architecture diagrams.
 3. **Access Revocation:** We proactively assist in removing our access rights upon project closure.
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3. Pricing & Commercials

Pricing Model: This service is priced in accordance with the G-Cloud 15 Rate Card.

Work Packages: We can deliver this service as a Time & Materials engagement or as a Fixed Price Work Package based on a defined scope of work.

4. Case Studies

A Leading Chip Manufacturer

- **Challenge:** The client had approximately 470 AWS accounts over three management accounts using a legacy, heavily customized Landing Zone.
- **Solution:** GlobalLogic was engaged to perform a detailed discovery and assessment to migrate the existing environment to a new **AWS Control Tower**-governed Landing Zone
- **Outcome:** The migration simplified the landscape and leveraged **AWS Account Factory** for Terraform (AFT) for automated account provisioning.

A Leading Retail Enterprise

- **Challenge:** Their initial Landing Zone followed a standard path that did not support enterprise-scale consumption or future geographic expansion.
- **Solution:** GlobalLogic worked to enhance the Landing Zone by implementing **Control Tower**, upgrading the Landing Zone Accelerator (LZA), and integrating **Security Reference Architecture (SRA)**.
- **Outcome:** Improvements focused on enterprise-wide adoption, scalability, and centralized cost and usage reporting through **Cloud Intelligence Dashboards**.

5. About GlobalLogic & Why We're the Right Partner

5.1 About GlobalLogic

GlobalLogic, a Hitachi Group Company, is a leader in digital product engineering. We helped create some of the most innovative and widely used digital products and experiences. We integrate experience design, complex engineering and AI & data expertise to help public sector organisations and commercial enterprises accelerate their transition into digital-first businesses.

Unlike traditional systems integrators that focus on maintaining legacy IT, we focus on **building the new**. We combine a "chip-to-cloud" software engineering mindset with user-centric design to create digital products that citizens and employees want to use.

- **Global Scale, Local Delivery:** We employ over 32,000 professionals across 23 countries. In the UK & Ireland, we operate major engineering and design hubs in London, Manchester, Edinburgh, and Newry.
- **The Hitachi Advantage:** Acquired by Hitachi in 2021, we bring the agility of a Silicon Valley digital native backed by the financial stability, R&D depth and 110-year heritage of a global industrial giant.
- **Core Capabilities:** Our services span the full digital lifecycle, including Digital Advisory, Experience Design (via our Method design arm), Software Engineering, Data & AI, and Cloud Platform development.

5.2 Why GlobalLogic

We bridge the gap between strategic intent and technical execution. For public sector buyers, we offer a distinct alternative to incumbent providers by focusing on **delivery velocity** and **engineering rigour**.

- **We Build, We Don't Just Advise:** Our roots are in product engineering. We apply the same rigorous standards used to build life-critical medical devices and global banking platforms to public sector challenges. We deliver working software, not just slide decks delivering >2000 product releases per annum.
- **Velocity AI – Accelerating Impact:** We do not just build AI; we engineer ecosystems where intelligence is orchestrated across the business. Using our Velocity AI strategy, we typically

achieve a **30% increase in productivity** and a **25% reduction in time-to-market** for new digital services.

- **User-Centric, Security-First:** We align with GDS (Government Digital Service) standards by default, ensuring services are accessible and intuitive. Crucially, we embed security into the engineering lifecycle (Secure-by-Design), aligning with NCSC principles to manage data and risk effectively.
- **Proven in Regulated Environments:** We have two decades of experience delivering in highly regulated sectors, including Life Sciences, Healthcare, and Financial Services. We understand how to navigate complex compliance landscapes without sacrificing the pace of innovation and hold (amongst others) **ISO 13485 certification** and follow **IEC 62304 compliant** software development lifecycles.

5.3 Social Value & Ethical Impact

We believe that social innovation is as critical as technical innovation. GlobalLogic, as part of the Hitachi Group, operates with a deep commitment to creating positive impact for people and the planet. Our approach is grounded in measurable outcomes and global ethical standards.

- **World-Class Ethical Leadership:** In 2025, Hitachi was named one of the **World's Most Ethical Companies** by Ethisphere. This recognition reflects our commitment to integrity, compliance and high standards of governance in every public sector engagement.
- **Commitment to Diversity and Inclusion:** We are a signatory of the **CEO Action for Diversity and Inclusion**. We achieved the Hitachi Group 2030 goal of having **30% women in our workforce** in 2023, seven years ahead of schedule.
- **Sustainable Operations:** GlobalLogic holds an **EcoVadis Silver Rating**, placing us in the **top 15%** of companies assessed for sustainability in our sector. We report our own Scope I, II and III emissions and are fully aligned with Hitachi's target to achieve carbon neutrality at all business sites by 2030.
- **Proven Supply Chain Integrity:** Our **NQC Supplier Assurance** score exceeds the industry average by **25%**. This ensures that our delivery models are as responsible as they are resilient.
- **Talent Development and Wellbeing:** GlobalLogic is recognized as a global leader in talent development, receiving the **ATD Best Award in 2025**. This ensures our public sector teams are continuously upskilled in the latest technologies, including responsible AI and secure engineering practices.

6. Contact Details

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