

Boomi Migration Accelerator (BizTalk to Boomi): Legacy Modernisation

SERVICE DEFINITION DOCUMENT - VERSION 1.0

Contents

1. Detailed Service Description	3
1.1 Overview	3
1.2 Scope of the Service	3
1.3 Delivery Approach	3
1.4 Tools, Methods & Standards	3
1.5 Deliverables	4
1.6 Dependencies & Constraints	4
1.7 Customer Responsibilities	4
1.8 Quality Assurance & Governance	4
1.9 Security, Data Protection & Compliance	4
2. Onboarding & Offboarding	5
2.1 Onboarding	5
2.2 Offboarding	5
3. Pricing & Commercials	6
4. Case Studies	7
5. About GlobalLogic & Why We're the Right Partner	8
5.1 About GlobalLogic	8
5.2 Why GlobalLogic	8
5.3 Social Value & Ethical Impact	9
6. Contact Details	10

1. Detailed Service Description

1.1 Overview

Specialized migration service transitioning legacy BizTalk integrations to the Boomi platform. We leverage our Intelligent Migration Utility and GenAI to automate component creation, mapping and testing. This approach reduces migration effort by up to 75%, accelerating cloud-native transitions while minimizing risk and cost for public sector organisations.

1.2 Scope of the Service

The scope involves the end-to-end migration of legacy BizTalk integration estates to the Boomi Enterprise Platform. This includes the automated extraction of logic from BizTalk source files, the generation of Boomi components (profiles, maps and processes) and the implementation of GenAI-powered testing scripts. We provide full technical assessments of legacy estates, migration planning and post-migration validation to ensure functional parity and enhanced performance in the cloud.

1.3 Delivery Approach

Our delivery approach centers on the Intelligent Migration Utility (IMU). We begin with an assessment phase to ingest legacy BizTalk artifacts and classify integration complexity. During the migration phase, the IMU uses GenAI (powered by AWS Bedrock) to automatically create Boomi components and mappings. This is followed by an automated testing phase where LLMs assist in generating test cases. The final phase involves deployment, performance tuning and handover to the client team.

1.4 Tools, Methods & Standards

We utilize the GlobalLogic Intelligent Migration Utility (IMU) and AWS Bedrock (Claude LLM) for automation. Our methodology is based on an "Automation First" framework designed to replace manual mapping with AI-assisted engineering. We adhere to GDS Service Standards, NCSC Cloud Security Principles and secure coding practices. All integration patterns are aligned with Boomi best practices and industry-standard CI/CD pipelines.

1.5 Deliverables

Deliverables include a migration assessment report, functional Boomi processes and maps migrated from the legacy estate and automated test reports. We also provide technical documentation for the new cloud-native architecture and a comprehensive handover package including knowledge transfer sessions for the client's technical staff.

1.6 Dependencies & Constraints

Success depends on the provision of legacy BizTalk artifacts, including MSI files, binding files and documentation. Access to a target Boomi AtomSphere environment is required. Migration performance and automated mapping accuracy are influenced by the complexity and quality of the original legacy configurations.

1.7 Customer Responsibilities

Customers are responsible for identifying priority integrations for migration and providing access to legacy system documentation. Responsibilities include participating in mapping validation workshops, performing User Acceptance Testing (UAT) and managing any required third-party vendor coordination for legacy systems.

1.8 Quality Assurance & Governance

Quality assurance is managed through a combination of automated LLM-based validation and expert peer reviews. We maintain a migration governance framework that tracks functional parity and performance metrics. Regular RAID reviews and weekly status reporting ensure project transparency and risk mitigation throughout the migration lifecycle.

1.9 Security, Data Protection & Compliance

We operate under ISO 27001 and Cyber Essentials Plus certifications. The migration process ensures that sensitive data mapping complies with UK GDPR requirements. We apply NCSC Cloud Security Principles to the target Boomi architecture, including secure credential management and encrypted data orchestration.

2. Onboarding & Offboarding

2.1 Onboarding

Onboarding includes a technical kick-off to define migration priorities and security protocols. We establish the secure connectivity required for the Intelligent Migration Utility and onboard the client team to our automated migration dashboard.

2.2 Offboarding

Offboarding involves the final delivery of all migrated assets, the decommissioning of migration-specific environments and a final project review. We provide all generated documentation and test scripts to ensure the client can maintain the integrations independently.

3. Pricing & Commercials

Pricing Model

This service is offered on a Time and Materials basis using the G-Cloud rate card. Fixed-Price options are available based on the number and complexity of integration flows identified during the assessment phase.

4. Case Studies

Case Study I UK HQ'd Packaging & Industrial Leader

We have successfully utilized our migration framework to modernize complex integration estates for global enterprises, including a project that reduced manual migration effort by 75% for a manufacturing leader. Our Intelligent Migration Utility has been proven to accelerate legacy-to-cloud transitions by automating up to 80% of component creation tasks.

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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