

FROM SAP PI/PO TO BOOMI: HOW INFOSYS AND BOOMI ARE MAKING INTEGRATION MODERNIZATION SEAMLESS

An Infosys + Boomi joint perspective on retiring legacy middleware before the 2027 deadline — powered by the Infosys Application Modernization Platform (IAMP)

For more than two decades, **SAP Process Integration / Process Orchestration (PI/PO)** has been the backbone of enterprise integration — quietly powering mission-critical workflows that connect SAP ERP with supply chains, partners, cloud applications, and regulatory systems. But the world it was built for no longer exists.

2027
END OF
MAINSTREAM

SAP has officially announced the [end of mainstream maintenance for PI/PO in 2027](#), with extended maintenance ending in 2030. For enterprises that still rely on PI/PO, this isn't just another upgrade decision. It's a hard deadline that forces a fundamental rethink of integration strategy.

This is exactly the moment Infosys and Boomi have come together to address. By combining **Boomi's cloud-native iPaaS with the Infosys Application Modernization Platform (IAMP)** and its agentic-AI accelerator for middleware migration, the two organizations offer enterprises a single, de-risked path from legacy PI/PO to a modern, AI-ready integration foundation.

Why Staying on SAP PI/PO is a Risk Businesses Can't Afford

Many organizations still view PI/PO as "stable and working." And technically, it is — until it isn't.

Post-2027, PI/PO will receive no security patches, exposing the integration layer to cyber threats and compliance risks. In regulated industries, this alone can derail audits and business continuity.

The costs add up quickly too. On-premise infrastructure, specialized licensing, and niche SAP PI/PO skillsets often translate to **\$500K–\$2M annually** in maintenance and operational expense. At the same time, the talent pool is shrinking — fewer developers want to work on legacy middleware, making hiring and knowledge retention increasingly difficult.

Most importantly, PI/PO struggles in today's **API-first, cloud-heavy, and event-driven world**. Every new SaaS application or digital initiative requires custom adapters, bespoke mappings, and long development cycles. What once enabled agility now actively slows it down.

In short, doing nothing is no longer an option. The question enterprises must answer is not if they should migrate — but how they modernize without recreating yesterday's complexity.



Migration Is Hard — If You Treat It as a 1:1 Replacement

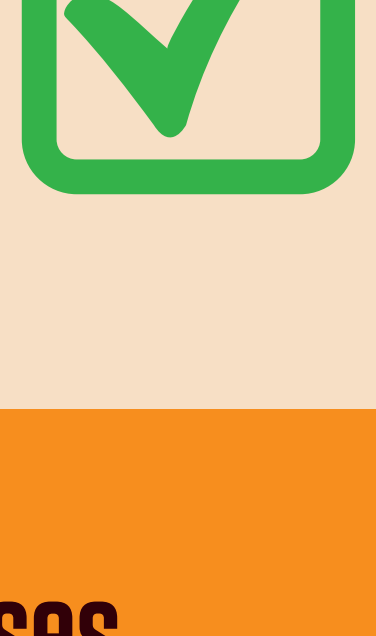
A typical enterprise runs **1,500+ integration scenarios on PI/PO**. Nearly **30% of mappings require manual rework**, primarily because of tightly coupled ABAP logic, custom adapters, and brittle orchestration flows. End-to-end migration timelines often span **9–18 months**.

Many early migration efforts fail because they treat PI/PO as something to be "lifted and shifted."

The result?

The same complexity, higher cloud costs, and limited business agility — just on a different platform.

Modernization demands a different mindset — and the right combination of platform and partner.



Boomi: A Modern iPaaS Built for the Reality of Hybrid Enterprises

Boomi approaches PI/PO migration not as a technical replacement — but as an opportunity to **simplify and future-proof integration**.

As a **cloud-native, low-code Integration Platform as a Service (iPaaS)**, the Boomi Enterprise Platform decouples integrations from infrastructure and heavy customization. Its drag-and-drop design canvas, prebuilt patterns, and 1,000+ connectors dramatically reduce development effort while improving reuse and governance.

What truly differentiates Boomi for SAP landscapes is its flexibility. It works seamlessly across:



The Infosys + Boomi Joint Value Proposition

A great target platform solves half the problem. The other half — discovering, decoding, and rebuilding 1,500+ tightly coupled interfaces — is where most programs stall. This is where Infosys completes the picture. Through the **Infosys Application Modernization Platform (IAMP)**, Infosys brings an **agentic-AI** migration engine that automates the hardest parts of a PI/PO-to-Boomi move. Built on the Infosys **Topaz fabric**, IAMP is compliant with responsible-AI guardrails and delivers enterprise-grade security, governance, auditability, and full reusability — so acceleration never comes at the cost of control.

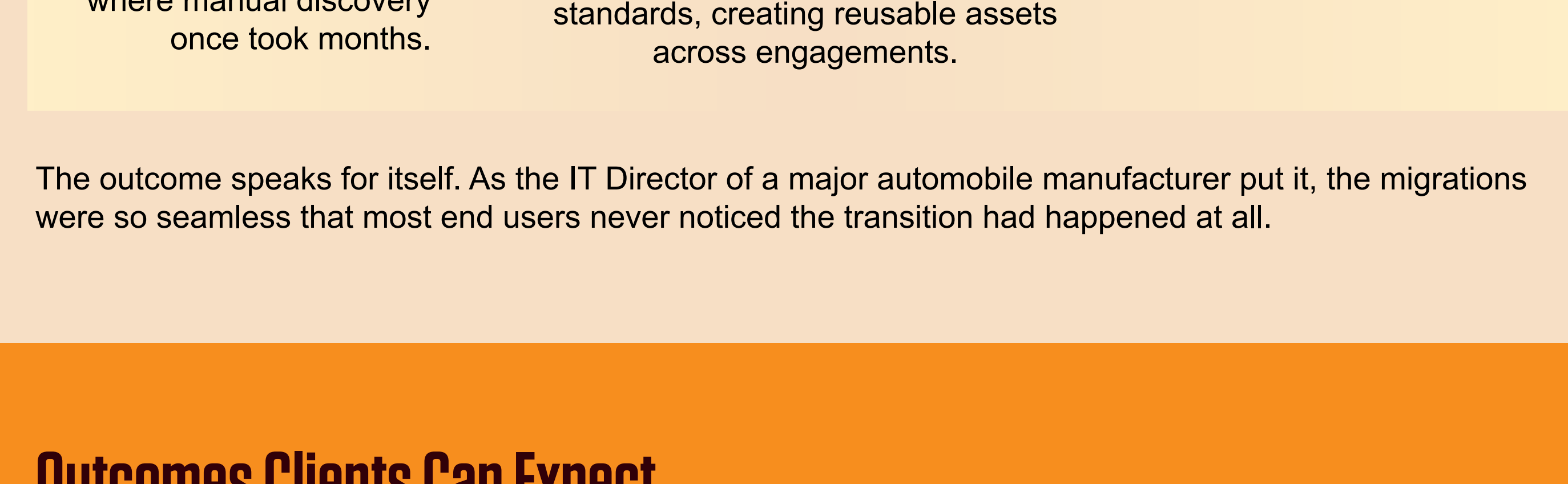
Together, Boomi and Infosys turn a high-risk, multi-year migration into a governed, repeatable, AI-led program. Three capabilities make this partnership distinctive:



The Agentic-AI Accelerator That Makes the Move Seamless

At the heart of the joint offering is the IAMP accelerator purpose-built to migrate legacy middleware — SAP PI/PO, TIBCO, DataPower, IBM, and more — onto Boomi. IAMP pairs **agent-based reverse engineering** of the legacy estate with **Boomi AI-driven forward engineering**, orchestrated across four automated services: Extract, Review, Migrate, and Deploy.

Inside the IAMP Design-Time Modernization Studio, this plays out as a simple, guided workflow:



The outcome speaks for itself. As the IT Director of a major automobile manufacturer put it, the migrations were so seamless that most end users never noticed the transition had happened at all.

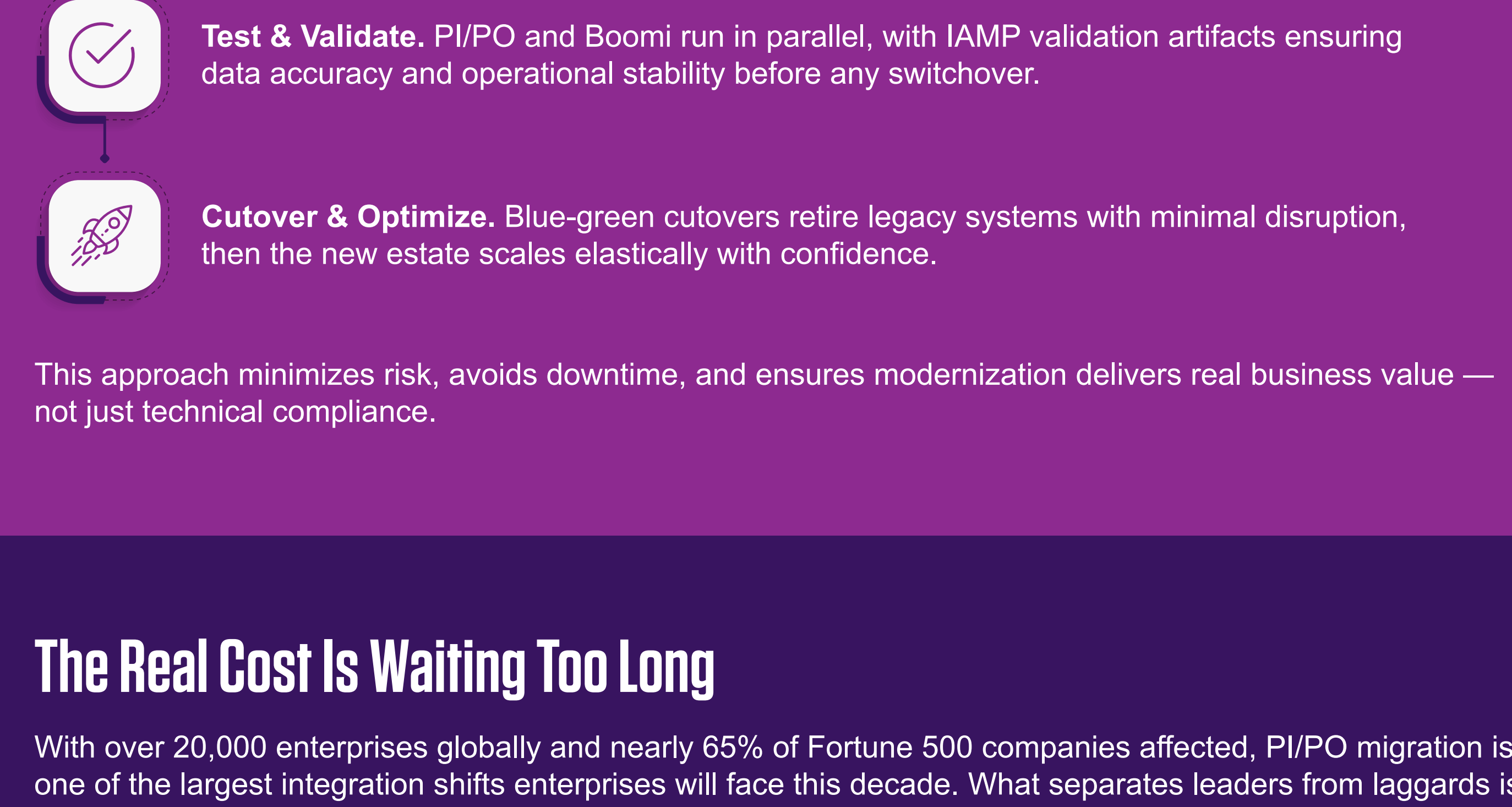
Outcomes Clients Can Expect

Across Boomi migration engagements and deployment initiatives, organizations consistently realize measurable gains over traditional PI/PO operations:

Outcome	Improvement	Driver
Migration effort	50–60% reduction	Agentic reverse + forward engineering
Cost savings	30–40%	Automation and reuse across the estate
Risk reduction	Up to 70%	Governed, validated, auditable migration
Time-to-market	Up to 3x faster	Reusable patterns and AI-generated code
Deployment timelines	70% faster	Boomi low-code iPaaS vs. legacy PI/PO
3-year TCO	40% lower	Elastic, auto-scaling Boomi runtime

The Migration Approach for Clients — Without Business Disruption

Successful PI/PO modernization starts with clarity, not big-bang transformation. The Infosys + Boomi approach follows a phased, IAMP-accelerated path that keeps the business running throughout:



This approach minimizes risk, avoids downtime, and ensures modernization delivers real business value — not just technical compliance.

The Real Cost Is Waiting Too Long

With over 20,000 enterprises globally and nearly 65% of Fortune 500 companies affected, PI/PO migration is one of the largest integration shifts enterprises will face this decade. What separates leaders from laggards is timing. Organizations that start now — with Boomi as the platform and Infosys IAMP as the accelerator — gain the freedom to modernize on their terms, reducing risk, unlocking agility, and activating data across the enterprise. Those that wait until deadlines loom will migrate under pressure, at higher cost, with fewer choices.

2027 is closer than it looks. The cost of inaction will far exceed the cost of migration.

About the Author

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Proven track record of partnering with clients to define strategic roadmaps and deliver scalable, resilient, cloud-native solutions. Passionate about driving digital transformation through modern technologies, with expertise spanning SAP BTP, SAP CPI, Spring Boot, Kubernetes, OpenTelemetry, and cloud-native architectures.