



Engineering Standardization for **Digital Scale**

From Custom Engineering to Reusable, Enterprise Aligned Delivery

SCALING DIGITAL INNOVATION WITHOUT LOSING CONSISTENCY

The client operates a global building automation portfolio supporting critical infrastructure across commercial and industrial environments. Digital capabilities play an increasingly central role in enabling intelligent buildings, operational efficiency, and AI-driven optimization.

As demand for new digital solutions increased, engineering teams were under pressure to deliver quickly across regions and product lines. However, inconsistent engineering practices and legacy analytics platforms made it difficult to scale innovation efficiently. Teams often build custom solutions for individual needs, creating long term maintenance challenges and limiting reuse.



The challenge was not lack of data. It sustained innovation on a **GLOBAL SCALE WITH CONSISTENCY & CONTROL.**

FROM ENGINEERING FRAGMENTATION TO MEASURABLE IMPACT

Rather than viewing **challenges & results** separately, this engagement is best understood by examining what fundamentally changed across engineering execution.



ENGINEERING AREA	BEFORE MYRIDIUS	AFTER MYRIDIUS
 Analytics platforms	Fragmented, aging platforms	Standardized global analytics foundation
 Engineering patterns	Custom, single use solutions	Modular, reusable engineered components
 Reusability	Minimal reuse across projects	40 percent reusable assets
 Development effort	Repeated manual build work	Reduced engineering effort hours
 Portfolio alignment	Limited adherence to EA standards	50 percent of portfolio aligned to EA
 Release cycles	Slow, manual processes	Faster and more reliable releases
 Asset discovery	Difficult to find prior work	Centralized catalog with enhanced discovery

WHY MYRIDIUS?

STANDARDIZATION WITH DELIVERY IN MIND

The client chose Myridius because they needed more than a DevOps refresh.

They needed a partner who could balance engineering rigor with real world delivery demands and Myridius brought



Strong alignment between engineering execution & Enterprise Architecture



Deep experience in digital engineering and DevOps modernization



A pragmatic approach focused on adoption, not theory



Proven methods for modular design and reusable asset creation



Rather than enforcing rigid standards, Myridius focused on making standardization easier than customization.

THE SOLUTION - A REPEATABLE ENGINEERING OPERATING MODEL

Myridius redesigned the DevOps lifecycle and supported architecture to enable consistent delivery, reduced duplication, and supported enterprise scale.

ENGINEERING FOR SPEED, CONSISTENCY & SCALE



DEVOPS LIFECYCLE REDESIGN

The full DevOps lifecycle was redesigned to streamline pipelines, remove manual bottlenecks, & standardize delivery patterns across teams.



CENTRALIZED ASSET CATALOG & DISCOVERY

Reusable assets were cataloged centrally with enhanced discovery, allowing teams to begin new initiatives from validated building blocks rather than starting from scratch.



ALIGNMENT TO ENTERPRISE ARCHITECTURE

Engineering delivery was aligned to Enterprise Architecture standards to support long term maintainability, reduce technical debt, & ensure strategic consistency across the portfolio.

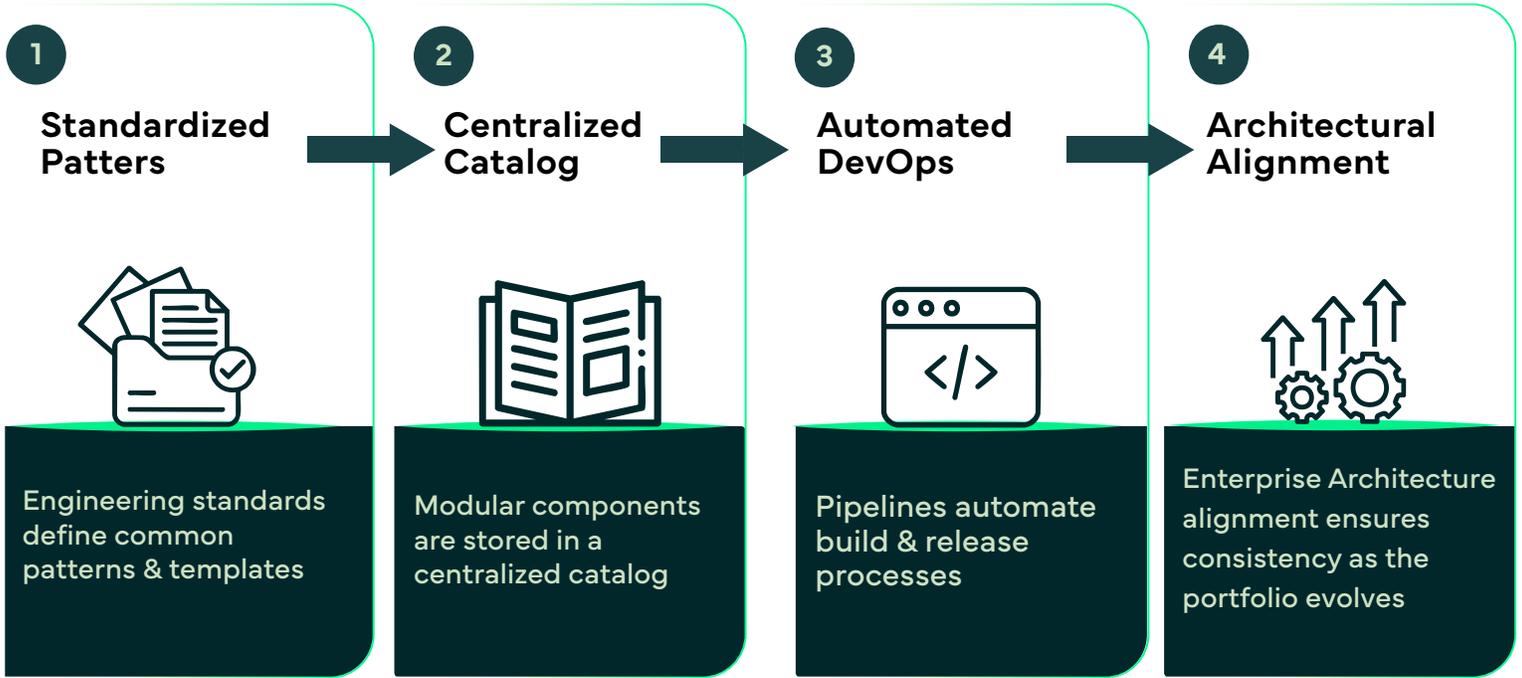


MODULAR ENGINEERED COMPONENTS

Core system components were modularized and supported by metadata driven templates, enabling teams to implement proven patterns consistently and efficiently.



REUSE BEFORE REINVENTION



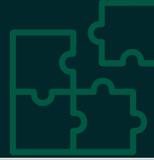
The result is faster delivery without sacrificing quality or control.



THE BUSINESS IMPACT AT SCALE

This transformation delivered benefits that extended well beyond faster builds.

Engineering teams reduced redundant effort and focused on higher value work



Digital solutions became easier to maintain and evolve



Release cycles accelerated with greater reliability



Portfolio alignment improved long term sustainability



The organization gained confidence in its ability to scale digital delivery globally



Most importantly, standardization has become an enabler of innovation rather than a constraint.



ENGINEERING AS A FORCE MULTIPLIER

In large digital engineering organizations, unchecked customization quietly increases cost and complexity. This case demonstrates how thoughtful standardization, when paired with modular design and DevOps modernization, can unlock speed, reuse, and strategic alignment.

This was not a tooling exercise.
It was a shift toward **scalable
digital engineering.**





Bringing **Genius** Together.

WHAT'S NEXT?

If your organization is facing engineering sprawl, rising development costs, or slow-release cycles, **Myridius** can help you establish repeatable standards that scale.

About Myridius

Myridius, formerly RCG Global Services has been at the forefront of helping enterprises transform through technology. Today, we are shaping the next era of digital engineering—an AI-native era where success is defined not by scale alone, but by speed, intelligence, and measurable business outcomes. Myridius brings together deep domain expertise, modern engineering, and AI-first innovation to help organizations move beyond experimentation and achieve real impact. We partner with clients in Financial Services, Healthcare, Travel, and Manufacturing to modernize core systems, unlock data-driven insights, and create new digital business models that drive growth and resilience. Anchored in more than 50 years of industry heritage and powered by a future-focused mindset, Myridius is the partner of choice for enterprises seeking to reinvent themselves with confidence—delivering not just digital transformation, but business transformation at scale.