



# Fujitsu PROGRESSION

Keep your business moving forward,  
while moving on from mainframe.

Our wholly owned and unique technology  
suite, combined with our extensive expertise,  
come together into a mainframe modernization  
methodology that makes it possible to keep  
your business moving forward, while moving on  
from mainframe.





## The Challenge of Mainframe in a Digital-First World

Briefly state that while mainframes have been the backbone of critical systems for decades, the modern digital landscape presents significant challenges.

### Key Challenges :

- **High Costs:** Mainframes are increasingly expensive to run, with non-competitive pricing for hardware, software, and licensing.
- **Lack of Agility:** Resistant to modern agile DevOps practices, resulting in slow time-to-market for new features and regulatory changes.
- **Technology Silos:** Inflexible, closed architectures that cannot take advantage of modern technologies like Cloud, advanced analytics, AI/ML, and mobility.
- **Aging Workforce & Skills Gap:** Mainframe experts are retiring, and new developers are not learning legacy languages like COBOL and RPG, creating a severe skills shortage.
- **Hampering Transformation:** These limitations act as a brake on progress, preventing organizations from achieving their digital transformation goals.



## Our Value Drivers: Why Modernize with Fujitsu PROGRESSION?

### High Value, Low Risk, at Speed – It's Possible with Fujitsu

Introduce PROGRESSION as a comprehensive solution designed to overcome mainframe challenges.

#### Wholly-Owned Technology Tool Suite

A 22-year history of success, automating 98% or more of the code conversion process with our proprietary PROGRESSION tools.

**Protect Your Investment:** You own the resulting source code. This preserves your business logic and eliminates third-party licensing fees or runtime costs.

**Consistent & Configurable:** An automated, factory-like approach ensures high quality and consistency, while remaining highly customizable to your specific needs.

#### Future-Proof Methodology

Our methodology supports ongoing legacy code changes during the project, eliminating the need for a "code freeze."

**Fixed-Price Predictability:** We reduce uncertainty by providing firm, budgeted options so you have a clear view of costs before proceeding.

**Continuous Innovation with DevOps:** Our integrated DevOps lifecycle enables shorter testing and delivery, allowing for continuous innovation and transformation post-migration.

#### Co-Creation Expertise

**End-to-End Partner:** We are not just a modernization company. We are a single vendor for the entire journey, offering consultancy, testing, infrastructure, and managed services.

**Deep Experience:** Our PROGRESSION Center of Excellence and seasoned consultants bring decades of combined knowledge in legacy systems, cloud platforms, and modernization projects.

# Transform and Unlock Possibilities

We follow a proven, three-step methodology to help our clients first modernize and then digitally transform.

## Step 1: Simplify

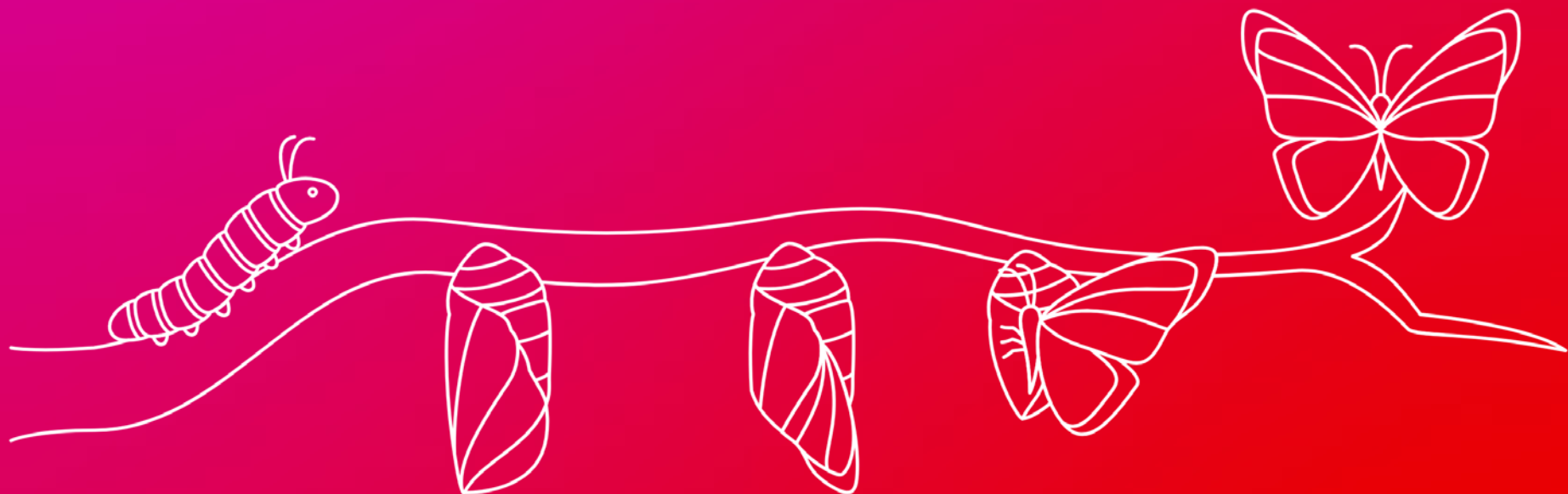
We rationalize and assess your application landscape using unique methodologies and automated assessments while leveraging AI to determine the best course of action and maximize the value of your existing investments.

## Step 2: Modernize

We introduce agility by migrating legacy applications to a modern platform. Using the PROGRESSION tool suite, we perform advanced code conversions, moving systems 'as-is to as-is' to mitigate risk and improve cost efficiencies.

## Step 3: Transform

We partner with you on a continuous transformation journey, leveraging the new platform to co-create cloud-native applications and transform business processes with advanced tools like AI, analytics, and machine learning.



**Legacy  
Applications**

Outdated, inefficient  
systems

**Simplify**

Assess and  
rationalize  
applications

**Modernize**

Migrate to a modern  
platform

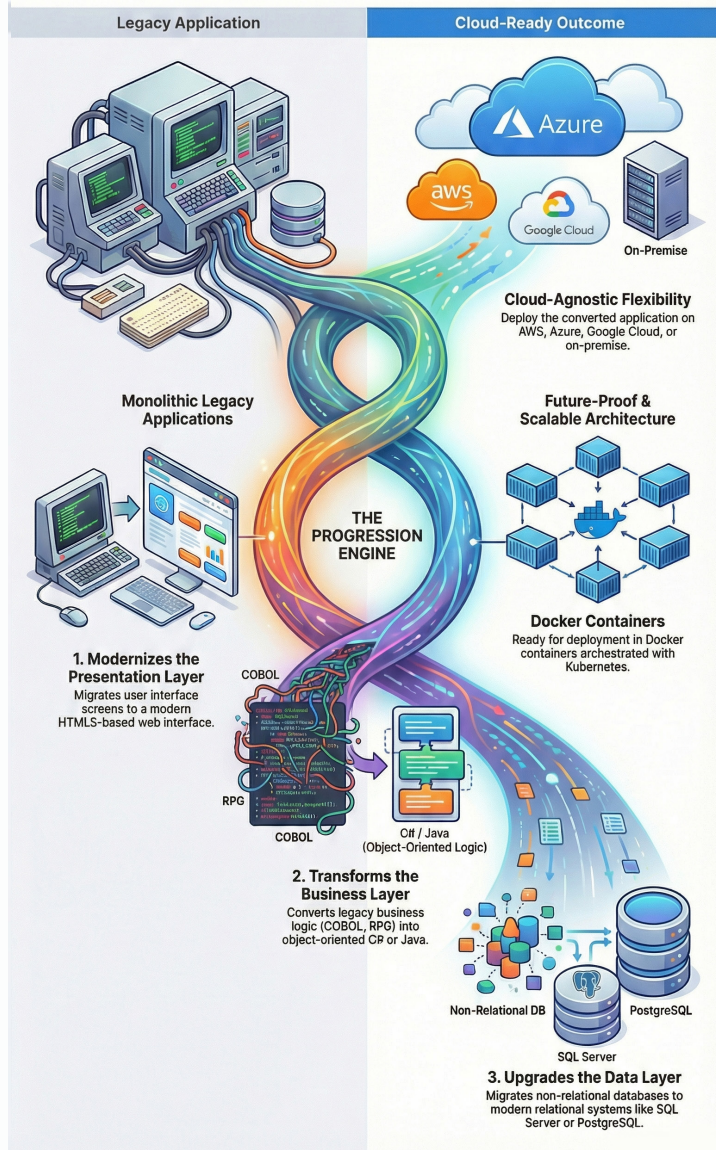
**Transform**

Continuous  
innovation and  
growth

**Cloud-Native  
Applications**

Agile, innovative  
business processes

## From Legacy to Leading-Edge: How the PROGRESSION Engine Works



## A Look Inside Our Automated Conversion Engine

PROGRESSION converts legacy applications into a modern, multi-tier architecture that is flexible, scalable, and easy to maintain.

- **Presentation Layer:** Migrates all user interface screens into a modern HTML5-based web interface using frameworks like React.js.
- **Business Layer:** Converts legacy COBOL, RPG, etc., business logic into object-oriented C# or Java, preserving the integrity of all existing business rules.
- **Data Layer:** Migrates non-relational databases (like VSAM) to modern relational databases (SQL Server, PostgreSQL, Oracle) while minimizing impact on data access logic.
- **Cloud-Agnostic & Cloud-Native Ready:** The converted solution is cloud-agnostic and can be deployed on AWS, Microsoft Azure, Google Cloud, Oracle Cloud, or on-premise.

It can be deployed in Docker containers and orchestrated with Kubernetes, providing a robust, scalable, and future-proof architecture.

## A History of Successful Transformations

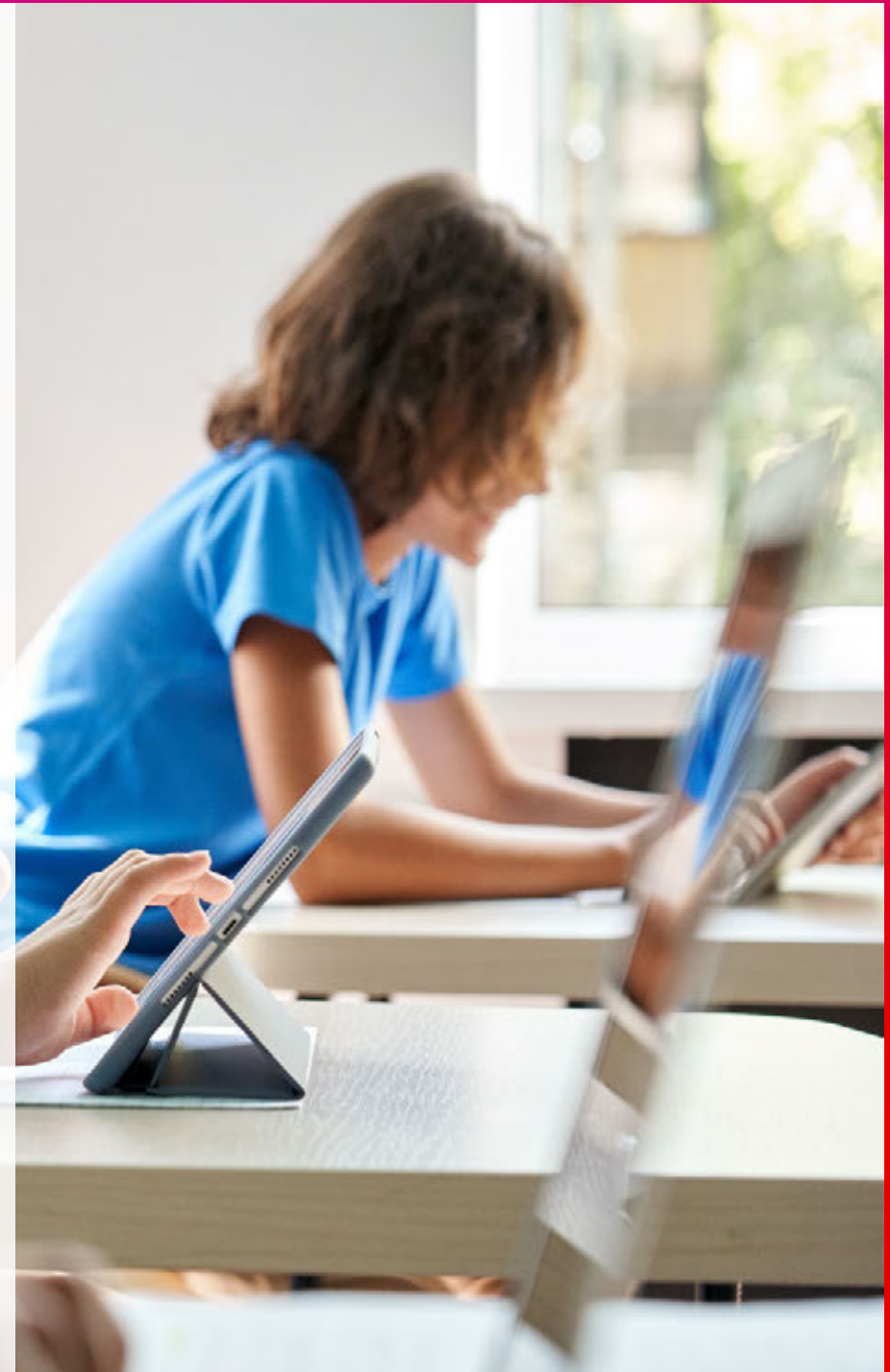
For over 22 years, Fujitsu has successfully modernized over 50 applications using the PROGRESSION tool suite, delivering significant cost savings and business value to our customers.


### Client Showcase

- Minnesota Department of Education
- County of San Diego, Sheriff's Dept.
- Virginia Department of Human Resource Management
- New Brunswick Department of Public Safety
- Washington Department of Licensing

### Customer Testimonials:

- **"Fujitsu did a great job of including stakeholders, letting them have a say and putting them at ease."**  
– David Reeg, MNIT Software Development Supervisor, Minnesota Department of Education
- **"The county was very impressed by Fujitsu's exceptional team and the value they delivered."**  
– Usama Georges, CIO, District Attorney's Office, County of San Diego





## Certified Excellence on Leading Cloud Platforms

The PROGRESSION solution has been technically reviewed by both Amazon and Microsoft and is compliant with their Well-Architected Framework best practices, ensuring your modernized application is secure, reliable, and cost-optimized.

### Microsoft Azure:

- Modernizing to Azure drastically reduces TCO, shifts costs to an OPEX model, and overcomes the limitations of the main-frame.
- Easily access new technologies like advanced analytics, AI, ML, mobility, and a new generation of talent.

### Amazon Web Services (AWS):

- The Fujitsu-AWS offering is delivered as a service to tackle upfront investment and prove the impact of change.
- Leverage AWS native and open-source managed services to make applications cheaper to run, more flexible, and highly secure.



## Ready to make the move?

We deliver a mainframe modernization solution at low-risk and high value, so you can benefit from the power of the cloud without disrupting your business. Get in touch with our team today to find out how we can keep your business moving forward while moving on from the mainframe.

**For more information, or to schedule an Agile Banking Future Workshop, please contact us.**