IBM

DIGITAL TRANSFORMATION JOURNEY IN BANKING

Key ingredients for successful digital transformation (DX):

Customer Experience

Drive exceptional customer experience with frictionless service & speed to market

Data & Analytics

Leverage data & analytics with automated workflows & AI, to access and transfer information from anywhere

Culture & Skills

Forster a culture of innovation with modern technologies: Mobile & cloud-native development, AI/ML, IoT, Blockchain, 5G etc.

Platform & Ecosystem

Grow faster with partner software ecosystem built on a foundational platform to meet future needs

Accelerate journey to digital transformation by:

Mapping out client journeys and workloads to transform

Leveraging best-in-class solution ecosystem

developing secure hybrid multi-cloud strategy

Accelerate journey to digital transformation by:

A — Modernize Existing Core

In-place modernization of existing core by incrementally and non-disruptively adding value to core system

B — Expand Core through Integration

Integrate surround ecosystem applications to existing system of records to facilitate real-time information transfer

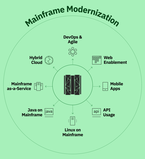
C — Progressive Modernization leveraging Core Packaged Solutions

Progressively modernizing the application stack by updating existing systems of records with core packaged solutions

Leading banks are in the path of transformation through one of these three approaches or some sort of a hybrid approach.

A Modernize Existing Core

- **Modularize core with APIs and selectively & incrementally re-write**
- **Modernize DevOps Continuous Integration/ Continuous Delivery pipeline and toolsets**
- **Enable real-time, flexible information flow between core systems of record & cloud**



Businesses modernizing on mainframe platform (IBM Z) got overall better outcome than those that moved off them.
(IDC whitepaper sponsored by Rocket Software)

B Expand Core through Integration

- **Omni-channel Customer Experience Ecosystem**
  Orchestrate and customer interactions across multiple touchpoints or channels to deliver seamless digital-first banking experience, personalized services, and maximum value to end-customer using Backbase *.

  Backbase

- **Product, Pricing, and Offer Experience Ecosystem**
  Gain relationship-based product, pricing, and offer management by externalizing the platform from core systems and integrating with real-time information flow e.g. with IBM Z Digital Integration Hub using Zafin * or SunTec *.

  Zafin | SunTec

Banks are expanding their core systems of record through integration to achieve best-in-class omni-channel customer experience and product & pricing management.

B Progressive Modernization leveraging Core Packaged Solutions

- **Modernize Core or Retail Banking Solutions**
  Revitalize the heart of your banking platform to develop an open-banking ecosystem that is customer-centric, flexible, scalable, open, future-ready, compliant with evolving regulatory demands, and cost effective in the long-run.

KEY FEATURES:

Cloud-Native	Microservices API enabled	Advanced technologies (AI, IoT, Blockchain)	Cloud Agnostic	Ubiquitous, Responsive, Scalable	Open source & ecosystem Integration

Temenos — Gain increased agility and speed to market, respond timely to regulations, and innovate front-to-back core banking using rich packaged functionality, latest cloud-native, advanced AI and API first technology with Temenos * Transact on IBM Z and LinuxONE.

Intellect Design — Reimagine comprehensive contextual banking with Intellect Design Core on IBM Z and LinuxONE.

Technisys — Redefine core banking platform that allows banks to dynamically change end-to-end product definitions and adapt to modern customer behaviors with Technisys * Cyberbank NextGen Core on IBM LinuxONE.

- **Modernize Payment Solutions**
  Meet & exceed the need for frictionless, fast, self-service payments from customers in this new on-demand & highly connected economy by modernizing payments systems and achieve more secure, efficient, faster, and information-rich payment experience.

KEY FEATURES:

Real-time Payments	Low Cost of Service	Standardization & Interoperability	Open Payment Framework & APIs	New Payment Directives (PSD2, UPI)	Secure & Scalable Transfer

Fiorano — *Fiorano* * on IBM Z and LinuxONE delivers an API-centric hybrid integration platform for open banking.

- **Modernize Database Platform**
  Optimize data platform for your developers and customers making banking applications more secure, reliable, scalable, portable, easier to manage, reduce operational costs and free up more time for your team to innovate.

KEY FEATURES:

Enterprise Quality Performance	Data Encryption	Extreme High Availability	Open Source & Interoperability	Data migration & management	Secure & Scalable

FUJITSU — FUJITSU * Enterprise Postgres is an open-source relational database optimised for IBM Z and LinuxONE that delivers enterprise-ready requirements for security, hybrid transactional/analytic workloads, and high availability for mission-critical databases.

MongoDB — MongoDB * on IBM Z and LinuxONE is a NoSQL database that supports the high-performance data serving needs of enterprise businesses with better consistency and scalability, and reduced overhead.

Any conclusion ??

Achieve the cloud you want; with the privacy and security you need. - IBM Z and LinuxONE

Cloud-Native
container based development & deployment with Red Hat Open Shift

Encryption Everywhere
protect eligible data across hybrid cloud environments

Cyber Resiliency
continuous availability & scalable isolation of workloads

Automated & Secure Workflows
implement intelligent workflows with IBM Cloud Paks

Flexible Compute
new option for high availability plus accelerators

CALL-TO-ACTION

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