IBM Z Software Migration

A trusted partner throughout your transformation journey— with speed, efficiency, and reduced risk

Proven methodology & team backed by 3.5k+ successful software migrations for a seamless transition.

Accelerate migration and reduce manual effort for lower total cost of ownership and predictable ROI.

Accelerate migration through streamlined processes and AI accelerators to reduce time-to-value.

Navigate migration confidently with agentic AI innovation leveraging proven IBM expertise.

IBM's proven Z software migration approach enables your business to implement IBM Z software swiftly, cost-effectively, and with minimal disruption.

Built to deliver maximum value and ROI, it lays a strong foundation for ongoing innovation and continuous improvement. With a streamlined process and a dedicated team of experts, IBM ensures a smooth transition—reducing software migration time from years to months.

The journey to IBM software includes:

– Migration assessment and ROI-driven use cases
– Accelerated migration powered by AI and expert services
– Enhanced user experiences through AI Assistants

IBM has a long history of investment and innovation across IBM Z in areas ranging from application development, application and data management, IT operations management, and security. This includes ongoing AI innovation—featuring generative and agentic AI—supported by strong roadmaps, demonstrated business value, and flexible engagement options.

With AI at the core, IBM Z is transforming the mainframe experience—bringing innovations for greater productivity, simplicity, and efficiency to users across the enterprise.

Built-in intelligence to accelerate transformation and drive what's next.

Z Software Migration — Trusted Process, Expert Team

As your strategic partner, we work together with your team on a migration strategy—taking on the heavy lifting while maintaining complete confidentiality and a shared commitment to success.

IBM's highly experienced migration team has successfully completed over 3,500 software migrations. Whether you're moving to industry-leading database tools, utilities, or IBM Z systems management software, our experts are ready to guide your journey every step of the way.

The IBM Z Software Migration methodology follows a 4-step approach:

Step 1: Assessment
We begin with a comprehensive analysis to evaluate feasibility, define scope, and establish a timeline. This step quickly identifies your unique migration challenges and delivers a reliable estimate for time and cost.

Step 2: Planning
Next, we develop a detailed migration roadmap using a single point of control that guides project planning, governance, and execution. It includes role-based access control ensuring defined ownership, milestones, and success criteria to ensure alignment and accountability.

Step 3: Migration
This phase covers software installation and configuration. AI-powered tools and IBM experts work together to assist in converting data and business rules, resolve translation issues, perform testing, and ensure a seamless production cutover.

Step 4: Skills Transfer
After migration, our AI toolkit—powered by intelligent context and sustained interactions—enables faster skills transfer, interactive training, comprehensive FAQs, and ongoing guidance. This drives effective day-two operations, accelerates product adoption, and delivers quicker time to value.

> "Within 8 months, the team had successfully implemented a CI/CD framework for approximately 40 applications including 3 highly critical core banking systems, and over 1K application repositories to its Git-based version control systems."
>
> — ANZ Bank

Overcoming Critical Business Challenges

With IBM Z Software, users can harness built-in AI to drive productivity and efficiency—solving critical business challenges with speed and intelligence.

– Agility: Many organizations today make infrequent, large code updates. But digital transformation demands faster, more iterative changes. IBM Z technology helps increase agility without compromising stability or security.

– Skills: Specialized skills in COBOL, CICS, and IMS are increasingly scarce. IBM Z offers strategies to bridge the gap—leveraging industry-standard languages, AI assistants, automation, and robust skills development programs. The IBM Z community also provides valuable support for domain-specific expertise.

– Cost Optimization: Clients can modernize and build new applications while optimizing the cost of their existing mainframe environments—making innovation more affordable and sustainable.

– Resiliency: Simplify operations and enhance business resiliency with IBM Z, while maintaining the highest standards of security and compliance.

Why IBM

IBM's Software Migration Team is a trusted partner at every stage of your transformation journey—helping you envision your future state and accelerate your path to it. Backed by decades of experience and thousands of successful engagements, our collaborative approach ensures speed, efficiency, and reduced risk.

To learn more about IBM Z Software Migration, contact your IBM representative or IBM Business Partner.

IBM®