IBM i Application Modernization

A strategic approach to application modernization designed to help you accelerate digital transformation and unlock the value of your legacy applications.

Digital transformation is essential for businesses to remain competitive and relevant in today's rapidly evolving technological landscape. Staying ahead of the curve requires a shift in organizational culture and mindset to a more agile, data-driven approach that aligns application strategy around business value and human-centered outcomes.

Transforming IBM Power Systems workloads

Modernizing applications on IBM i, AIX, and AS400 is a critical step for businesses to improve the performance, capabilities, and efficiencies of their mission critical workloads.

Leveraging hybrid cloud, API connections, microservices, containerization, and other modern architectures can lead to improved performance, agility, and enhanced customer experiences. However, understanding the right modernization path for each component requires a data-driven strategy and in-depth assessment that establishes the ROI and business value of modernization early on.

Identify the right path for each application with an in-depth modernization assessment

Our proven transformation framework begins with an application portfolio assessment for IBM Power Systems and RPG or COBOL based applications that establishes the business case and benefits of modernization.

Application rationalization is an essential step in modernizing IT infrastructure. Through an in-depth evaluation of your application portfolio, we can identify TCO reductions, efficiency improvements, security enhancements, and align your applications with business objectives.

From there, we provide a range of services designed to guide your organization through every step of the modernization journey, including architecture design, development, transition, and continuous improvement.

Embracing modernization unlocks the potential for AI/ML, IoT, modern business intelligence and analytics, and other technologies that can drive meaningful growth and open new revenue streams.

The benefits of application rationalization include:

- Establishing a data-driven approach to transformation
- Creating business alignment
- Defining the modernization framework for each application
- Identifying opportunities for hybrid and cloud-native architectures

Lightedge

Lightedge's application modernization portfolio

Our modernization services are designed to help solve the complex challenges of application development, maintenance, and lack of agility around traditional IT infrastructure. To solve these problems, we provide a range of services designed to help you transform your business through modernization.

Accelerating digital transformation

Don't let legacy applications prevent your organization from adopting new technologies or responding to changing market conditions.

Data shows that 80% of executives believe that their organization needs to accelerate their digital transformation in order to keep up with competition. By delivering a proven framework for legacy application modernization, our team can help you form a strategy to accelerate digital transformation, unlock the potential of your applications, and remediate the security, technical, and business risks assosciated with maintaining legacy systems.

Rationalization Strategy
We identify opportunities to reduce TCO, streamline operations, increase efficiency, and improve agility through modernization.

Cloud Strategy
We establish a business case, ROI calculation, and projected cloud demand and spend.

Cloud Enablement
We establish the right hyperscale cloud provider based on ROI and business goals, and provide the migration solution for each application.

Application Modernization
We begin the process of modernization based on the best path for each application (Rehost, Replatform, Refactor, Rewrite, Retire).

Low/No-Code Implementation
We drive the adoption of low-code/no-code platforms to further reduce TCO and help improve collaboration, governance, and agility.

Why Lightedge?

Lightedge delivers an extensive portfolio of managed and professional services built on more than 25 years of experience designing and supporting mission-critical infrastructure that businesses rely on every day. By becoming a true extension of your team, our mission is to drive meaningful impact and deliver innovative, reliable, and secure solutions that help you connect the dots between today's technology and tomorrow's possibilities.

Connect with us today