

LIGHTEDGE + AWS

# Modernizing What Matters Most Without Breaking What Already Works



## It takes the right partnership to modernize critical systems

For decades, enterprises have relied on mission-critical systems to power core business operations. Many of these environments include IBM i and AIX workloads that run financial operations, supply chains, and other applications organizations cannot afford to disrupt.

They are stable. They are fast. And they are deeply embedded.

But innovation has moved elsewhere.

AI, analytics, and modern applications are being built in the cloud. And for many organizations, the systems that matter most are the ones least connected to that innovation.

Most organizations face a difficult choice: Modernize and take on risk, or stay where they are and limit growth, speed, and innovation.

## Why Now

Organizations are under increasing pressure to act:

- Aging IBM infrastructure and upcoming hardware refresh cycles
- Shrinking talent pool for legacy systems
- Rising infrastructure and operational costs
- Growing demand for AI, analytics, and real-time data
- The need to move faster without increasing risk

Delaying action increases cost, complexity, and risk.

## A Different Path Forward

AWS delivers the scale, innovation, and cloud-native capabilities organizations need to move forward. Lightedge brings over 30 years of experience managing mission-critical infrastructure and deep IBM expertise, combined with advanced AWS capabilities as a Premier Partner.

Built on a hybrid-first architecture, Lightedge enables low-latency connectivity between IBM Power environments and AWS.

Together, this enables organizations to:

- Keep IBM workloads stable and high-performing
- Move cloud-ready workloads into AWS
- Operate both environments as one
- Support a broad range of AWS services with ongoing management
- In some engagements, up to 68% of workloads can move to AWS immediately, with a phased approach for the rest



Lightedge\*



## What We Deliver Together

AWS and Lightedge help organizations:

- Modernize IBM environments without rewriting applications
- Reduce infrastructure costs and eliminate hardware refresh cycles
- Unlock AI-driven insights and new revenue opportunities using AWS
- Improve performance through low-latency hybrid architecture and optimized AWS services
- Accelerate cloud adoption with access to AWS funding programs and proven migration approaches
- Increase efficiency with fully managed AWS services and 24x7 support
- Ensure security, compliance, and continuous optimization, including frameworks such as HIPAA and SOC 2

“Our customers don’t have the luxury of choosing between stability and innovation. They need both. Our partnership with AWS allows them to modernize on their terms, connecting their most critical systems to the full power of the cloud while continuing to operate with confidence.”

**Hannah Duce,**  
**VP of Partnerships**  
**Lightedge**

### Joint Solutions Designed for Real-World Environments

#### Hybrid IBM + AWS Modernization

Extend IBM environments alongside AWS without refactoring, enabling real-time access to AWS services for analytics, AI, and application innovation.

#### Migration and Cloud Acceleration

Move a significant portion of workloads into AWS using proven migration frameworks and AWS-funded programs to reduce cost, risk, and time to value.

#### Managed Cloud Operations

Operate IBM and AWS environments with a single partner, delivering 24x7 monitoring, security, compliance, and continuous optimization.

## Built for Organizations That

- Run IBM i or AIX environments
- Are approaching a hardware refresh or data center exit
- Want to modernize without rewriting applications
- Need to connect legacy systems to AWS innovation
- Are looking to reduce cost while increasing agility

## Proven Business Outcomes

- In customer environments, performance improvements of up to 248% have been achieved
- Customers have seen up to a 98% reduction in downtime
- Faster time to cloud and accelerated modernization timelines
- Improved operational efficiency and reduced IT burden

## Turning Data Into Advantage

One of the biggest untapped opportunities in the enterprise is data trapped in legacy systems.

With Lightedge and AWS, organizations can:

- Extend IBM-based data into AWS analytics and AI services
- Enable real-time dashboards, automation, and predictive insights
- Build modern applications on top of existing systems
- Turn operational data into business intelligence and new value streams



## A Proven Partnership

Today's enterprise operates across hybrid environments by default.

Lightedge and AWS bring together:

- Deep expertise in IBM and mission-critical systems
- Advanced AWS cloud capabilities as a Premier Partner
- The ability to manage both IBM and AWS environments with a single partner
- A hybrid-first approach to modernization
- Proven ability to operate and support AWS infrastructure across complex enterprise environments
- Migration Competency and AWS validated MSSP

This combination enables organizations to reduce risk, accelerate transformation, and unlock new opportunities for growth.

## The Outcome

Organizations no longer need to choose between protecting what works today and building what comes next.

They can reduce cost, move faster, and unlock innovation, all while maintaining the stability their business depends on.

**With AWS and Lightedge, they can do both.**

### Lightedge + AWS at a Glance



AWS Premier Partner



30+ Years



1400+ Customers



Across Regulated and Enterprise Industries



#1 Largest IBM Power  
Cloud Provider in North America



Experience Managing  
Mission-Critical Enterprise



100% Onshore Support



Dedicated Operations, Security,  
and Customer Service Teams

Contact us today to see how we help light the way to business breakthroughs.

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Lightedge builds and manages global hybrid cloud infrastructure solutions that empower businesses with secure, fully managed infrastructure that seamlessly spans across on-prem, private, and public cloud.