

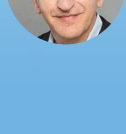
REGION FOCUS: WORLDWIDE

Modernizing Healthcare Processes with Edge Computing

The healthcare industry is enhancing patient experience and increasing productivity by modernizing the infrastructure and applications with the help of edge computing.



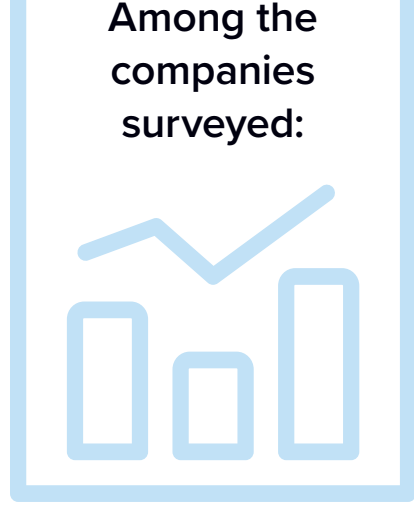
Dave McCarthy
 Research Vice President,
 Cloud and Edge Infrastructure Services, IDC



Ghassan Abdo
 Research Vice President, WW Telecom,
 Virtualization & CDN, IDC

Driving Value to the Business

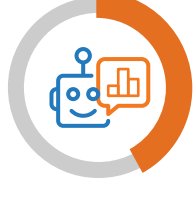
Investments in edge computing have a positive impact on the healthcare industry.



47% improved the customer experience



43% improved quality of products and services



42% benefited from increased productivity with automation

n = 100; Source: IDC's Lumen Edge Solutions Thought Leadership Survey, November 2022

Benefits of Edge Technology to Healthcare Companies

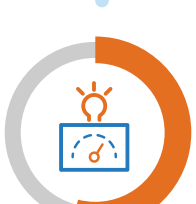
Infrastructure modernization is extending outside of the datacenter to edge locations.



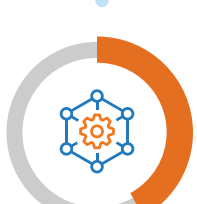
For healthcare companies that have adopted edge computing:



58% improved security and data protection



54% improved application performance



41% reduced infrastructure and complexity

n = 100; Source: IDC's Lumen Edge Solutions Thought Leadership Survey, November 2022

Success Through Use Cases

Healthcare organizations have benefited from an initial set of edge use cases.



Healthcare systems aggregation for regional operations



Medical equipment tracking



Diagnosis and treatment systems

n = 51; IDC's Lumen Edge Solutions Thought Leadership Survey, November 2022

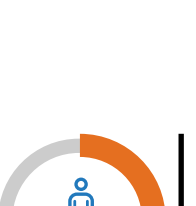
Leveraging a Trusted Partner in Healthcare Organizations

Short term or long term, the help of a partner can reduce time, cost, and risk.

Among healthcare companies:



82% employed managed services (ongoing life-cycle management)

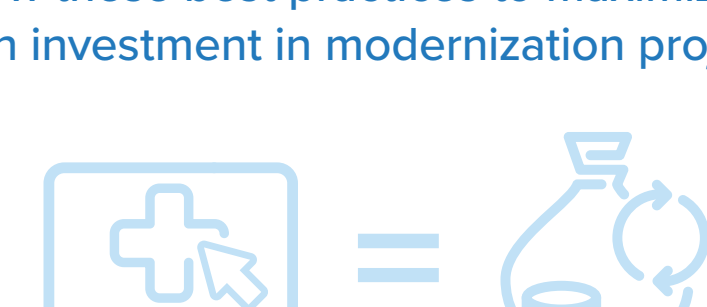


53% employed professional services (project-based advisory services)

n = 51; Source: IDC's Lumen Edge Solutions Thought Leadership Survey, November 2022

Essential Guidance for Healthcare Organizations

Follow these best practices to maximize return on investment in modernization projects.



- ✓ **Embrace edge computing** to improve operations and create differentiation in the market.
- ✓ **Select use cases** that drive meaningful business and technical benefits.

- ✓ **Partner with a service provider** that understands unique industry needs.
- ✓ **De-risk the deployment journey** spanning design, implementation, deployment, and support.

Source: IDC's Lumen Edge Solutions Thought Leadership Survey, November 2022

Message from the Sponsors



Lumen is an American multinational technology company dedicated to furthering human progress through technology by digitally connecting people, data, and applications – quickly, securely, and effortlessly. To accomplish this, Lumen provides the fastest, most secure platform for next-generation applications and data to help businesses, government and communities adopt emerging technologies.

To learn more about Lumen and its Edge Computing Solutions enabled by Intel, please visit:

