

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.



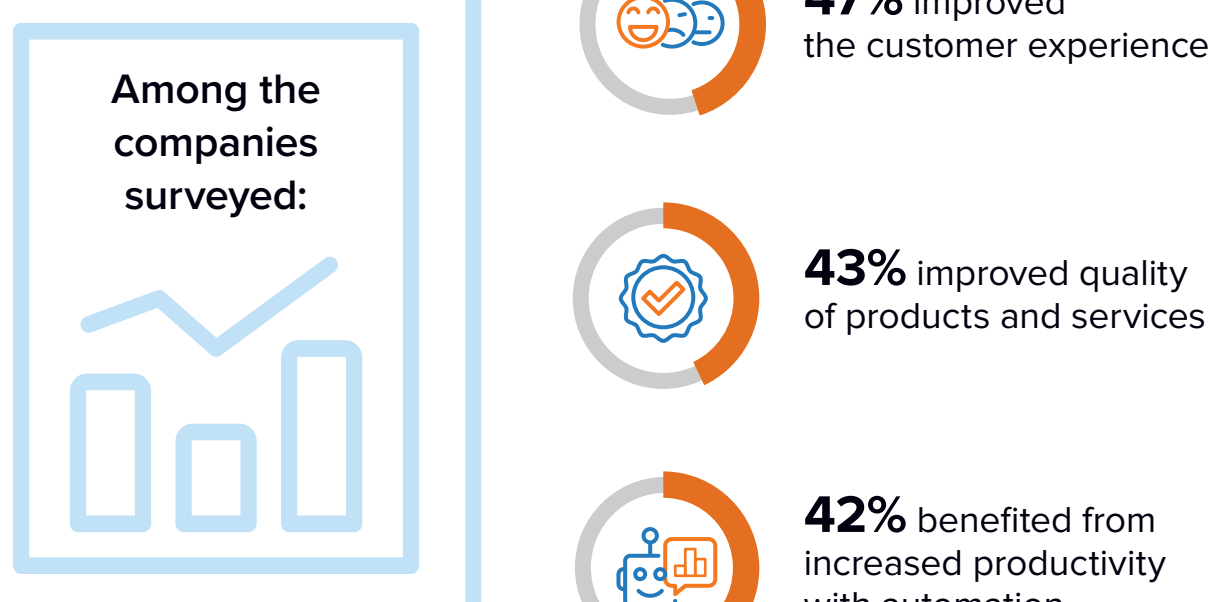
Dave McCarthy
 Research Vice President,
 Cloud and Edge Infrastructure Services, IDC



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 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.



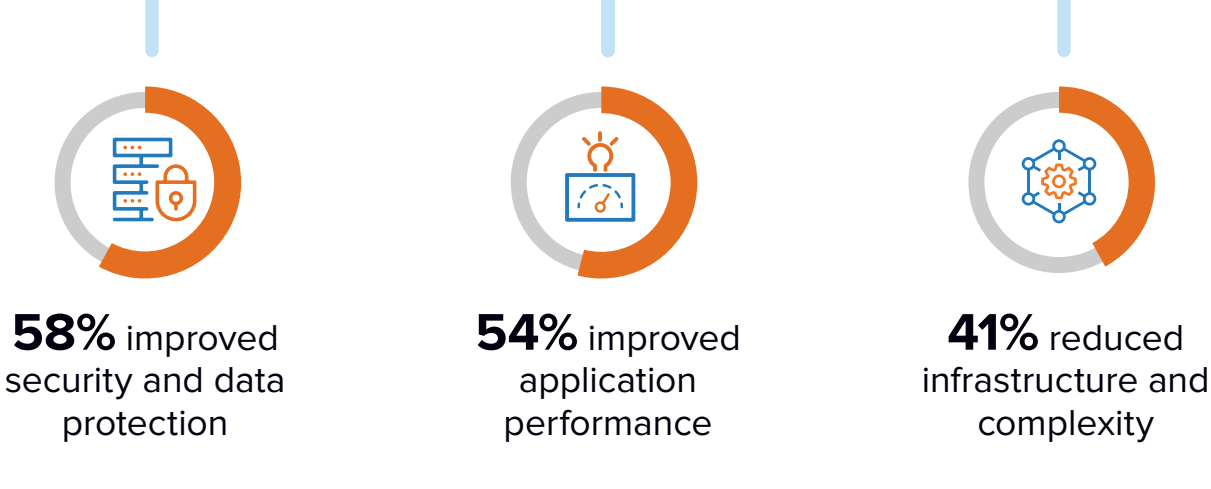
n = 100; Source: IDC's Lumen Edge Solutions Thought Leadership Survey, November 2022

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:



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

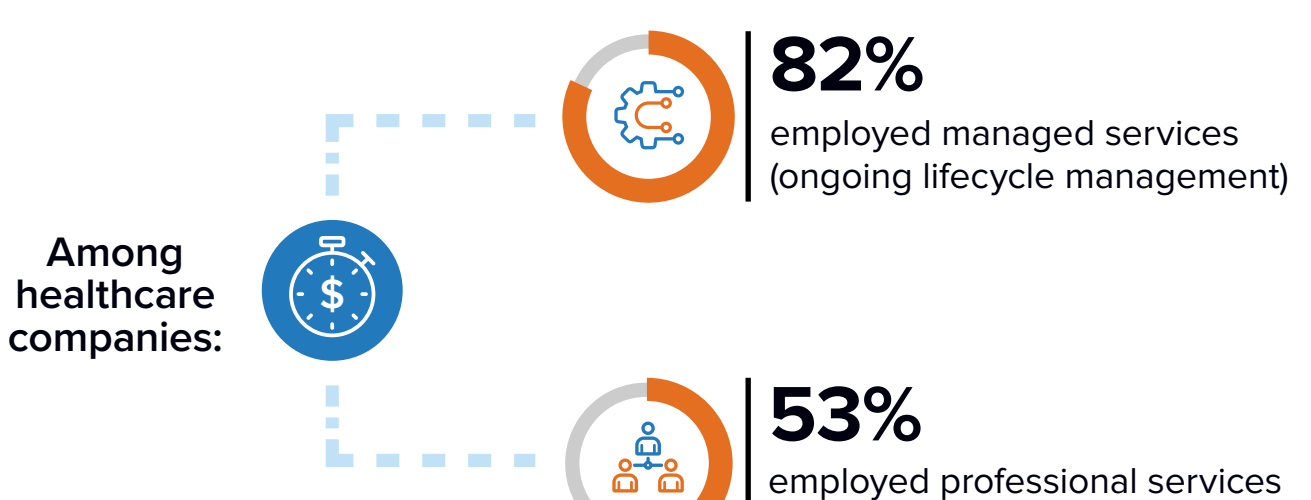


Diagnosis and treatment systems

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

Leveraging a Trusted Partner in Healthcare Organizations

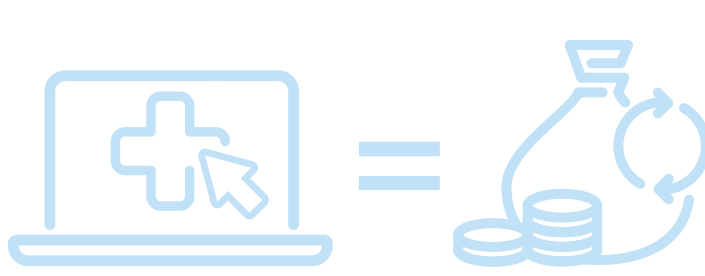
Short term or long term, the help of a partner can reduce time, cost, and risk.



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

Essential Guidance for Healthcare Organizations

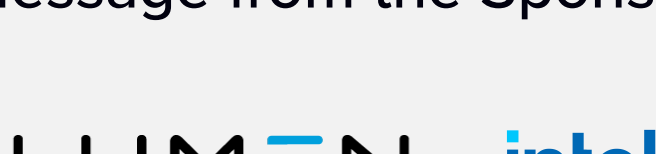
Follow these best practices to maximize return on investment in modernization projects.



- ✓ **Embrace edge computing** to improve operations and create differentiation in the market.
- ✓ **Partner with a service provider** that understands unique industry needs.
- ✓ **Select use cases** that drive meaningful business and technical benefits.
- ✓ **De-risk the deployment journey** spanning design, implementation, deployment, and support.

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

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