

Edge AI is transforming every industry

Satisfy customers and streamline operations by taking AI everywhere it is needed.



Edge AI solutions help turn challenges into competitive advantages The challenges faced by every industry:

75%

Delivering exceptional customer experience

of customers expect companies to use new

tech to improve experiences.1 Companies must create powerful experiences

that engage and delight customers.

30%

Optimizing operational performance

improvement achieved in operational efficiency with edge computing.²

Organizations must develop and maintain highly productive and cost-effective processes.

component in finding the right balance between these two objectives. The best return on investment

Modern business is a balancing act. Organizations must find the margins hidden between delivering exceptional customer experience (CX) and optimizing operational performance. Edge AI can be a vital



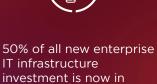
in 2025.3

spent on edge solutions



by 2025.4

175 zettabytes of data



edge technology.5



expect a 23% ROI from edge investments within the next 3 years, compared with 3% from other tech investments.6

in edge computing can

Edge Al offers: Edge AI unlocks:

Powerful computing, when and where it's needed



Computing power

make real-time decisions. **Processing on-premises** 2 Offer an optimized low-latency experience

Run complex AI algorithms on small,

low-power devices, analyze data, and

and save money on cloud storage and

Reliable storage

bandwidth costs.

Reduce the risk of data breach by storing data on local networks or edge devices secured with encryption and firewalls.

Increase speed, accuracy and real-time decision making through reducing latency

the cloud.

Performance

and minimizing unnecessary data transfer. 2 Resilience

Deliver resilience through purpose-built

devices and applications that enable

redundancy, distributed processing and predictive maintenance.

Security Enhance security through data anonymization, data encryption, threat detection, and local data processing that reduces the volume of data transfers over

Low latency 回品 Brings processing data closer to the source and reduces the time it takes for data analysis and action to improve the user experience.

The benefits of computing at the edge:



data center.

Increased scalability Scaling at the edge is more efficient as edge devices often cost less than scaling a centralized



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Better network utilization

Improves the performance of existing networks by reducing the data sent to off-site locations.

Helps keep sensitive data within the network, reducing the risk of a data breach.

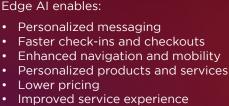


Cost savings Reduces the need for expensive infrastructure upgrades, cloud storage, and data center facilities.

Improved data security

Designed for every data-centered industry

How edge AI is improving organizational How edge AI is improving customer operations across every sector experience across every sector



More targeted safety Focused resourcing Increased product availability

Accurate diagnoses and treatment planning

restaurants,

and QSRs



Advanced robotics and automation Enhanced security Optimization for energy and telco networks

Benefits for every business

Energy and

telecommunications

Edge AI enables:

Edge AI is disrupting every industry.



Smart cities,

smart spaces, and

smart security

Limitless applications

Healthcare



Manufacturing

- 3. Predictive maintenance: Monitor equipment health and prevent downtime.
- 3. Drug delivery: Automate deliveries of critical medications to patients in and out of care. **Energy and telecommunications**

2. Fault detection and prevention: Detect anomalies in production and take

1. Remote patient care: Monitor vital signs and provide remote consultations. 2. Medical diagnostics: Analyze sensor data to detect early illness warning signs.



3. Security: Monitor large areas for intruders or suspicious activity.

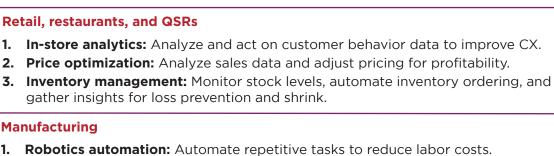
Edge AI for your industry

Leverage innovation at the edge to stay ahead of your competition.

¹ Salesforce, 2019, State of the Connected Customer Report Outlines Changing Standards for Customer Engagement

⁵ IDC, 2020, Edge Computing: Not All Edges are Created Equal ⁶ IBM, 2021, The edge computing advantage

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1. Smart grid: Monitor power usage and optimize electricity distribution.

Healthcare

3. Real-time alerts: Provide notifications when power or connectivity issues occur. Smart cities, smart spaces, and smart security

2. Network optimization: Analyze network data to route traffic efficiently.

your market with edge computing in our eBook: Industry transformation driven by edge Al.

 $^{^{\}rm 2}\,\mbox{Forbes},$ 2023, How the Edge is Becoming the Next Frontier of Value Creation ³ IDC, 2022, New IDC Spending Guide Forecasts Double-Digit Growth for Investments in Edge Computing ⁴ Deloitte, 2022, Battle for the Enterprise Edge: Providers prepare to pounce on the emerging enterprise edge computing market