

Norseman Defense Technologies

Edge Solutions

INTRODUCTION



Edge capabilities designed by Norseman

Norseman Defense Technologies offers innovative solutions to enhance your capability at the edge. Norseman is able to leverage our 300+ partnerships to deliver you a proven solution.



Engineering excellence

Our engineering team is constantly developing and testing different edge prototypes. These solutions are built and tested by our engineers. If you imagine it, we will create it.

Top Industry Trends

The rise of edge solutions and AI is revolutionizing industries by enabling real-time processing, reducing latency, and driving smarter, decentralized decision-making at the source of data



Edge computing adoption
Compound annual growth
rate from 2024-2030



Billion(USD) DoD unclassified
reported spending in AI



400 pound difference between an
edge computing system and a traditional
data center rack. (power and cooling included in estimation)

Current Edge flavors



AI processing

GPU heavy. Enhanced
computational processing



Storage

Petabyte scale with only 3
units



Augmented reality

Education, assistance,
virtual topography.



CDI

Remote based access to
desktops and applications



5G environments

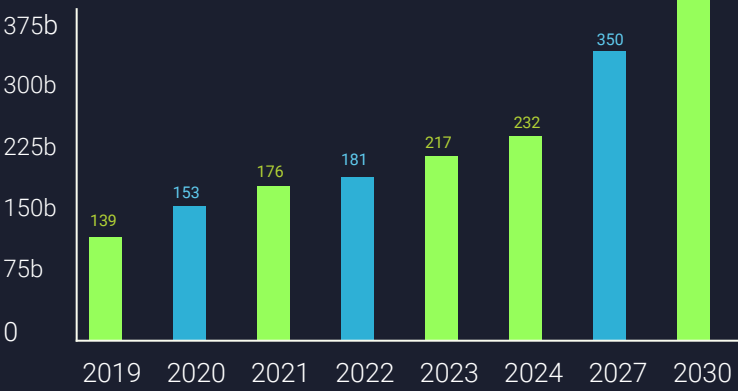
Fast, scalable, secure,
efficient connectivity



TBD

Have an idea, drop it here

Edge market revenue (in billion U.S. dollars)



Market Valuation

\$139 billion in 2019 with predictions reaching as high as \$445 billion 2030

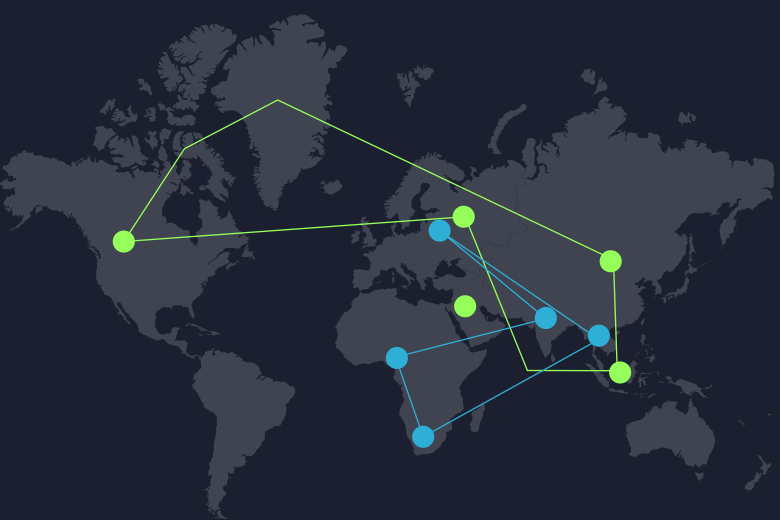
IBM estimates there are 15 billion deployed edge devices

Juniper research estimates that number will jump to 83 billion by 2025

Sources

<https://www.statista.com/statistics/1175706/world->
<https://developer.ibm.com/articles/what-is-edge-computing/>

GLOBAL AI ADOPTION MAP



High-Adoption Regions

USA, China, Japan and Germany

Emerging AI Regions

South africa, nigeria, vietnam, India,
Poland

Real world use cases



Tactical edge on the battlefield

Soldier-worn sensors can help you gather real-time data analytics in remote or disconnected locations where time sensitive computation is needed.



Enhance computational power at the edge

Boost efficiency of mission-critical operations such as Vulnerability management
Security Orchestration Automation and Response (SOAR) and Endpoint Detection and Response (EDR)



Mobile 5G infrastructure

Enable high-speed, low latency communication environments within hours.



Combine LLM's with real-time data to formulate responses to incidents

Use Retrieval-Augmented Generation to combine your LLM to enhance decision making and intelligence analysis

Edge capabilities

Machine Learning Adaptive algorithms uncover patterns in data	Petabyte level storag Massive storage enables device efficiency	Ruggediza-tion Portable, lightweight, ready to go	AI inferenc-ing High performance
Scalability Efficient, distributed, adaptive, seamless	Deep Learning Neural networks analyze data for insights	Generative AI Creative algorithms generate content from data	Container-ization Isolation, portability.

FUTURE PREDICTIONS



Convergence of Edge AI and 5g networks

Future edge systems will combine these technologies and enable ultra low latency for real time decision making



Modular/Scalable architectures

Adopting more modular designs will allow users to scale computing power, storge and connectivity based on needs



Energy efficiency

Innovations like neuromorphic computing and edge-optimized chips will reduce energy consumption
Edge systems iwll focus on sustainability and leverage low power architectures



Edge AI

Estimated that 85% of businesses globally will integrate AI solutions into their operations.



AI Workforce Transformation (2035)

AI expected to lead to the creation of 20 million new jobs globally in tech, data analysis, and ethical AI roles.