

Intel® Powered Solutions Ready for the New Edge in Healthcare

New infrastructure models need to match the emerging needs of the healthcare industry. The growth in healthcare IoT and the vast amount of new data generated needs new infrastructure with capabilities that can accommodate advanced approaches in medicine, patient care, disease diagnostics and regulatory compliance. Further, Original Equipment Manufacturers (OEMs) serving healthcare customers are challenged by the myriad of possibilities for integrated configurations and compliance requirements associated with certifying a configuration for medical applications. The healthcare new edge platform breaks this rigidity using software-defined and near real-time computing features. By offering known good configurations, OEMs can focus on healthcare applications instead of identifying a compliant hardware configuration. These new features make healthcare infrastructure agile, responsive and highly integrated while reliably supporting multiple edge devices, applications and services at scale.

Benefits of the Healthcare New Edge Platform

- > Offers limitless configurability to support and adapt to changing operational and care delivery needs while also lowering costs and improving ROI
- > Facilitates workload consolidation, reuse and repurposing of infrastructure thus increasing IT infrastructure life
- > Creates a secure chain of trust from physical hardware to application deployment ensuring secure care delivery at the edge
- > Affords a single robust infrastructure to cover a wide array of clinical and operational needs from asset management to patient monitoring
- > Virtualized infrastructure management facilitates non-disruptive maintenance and upgrade (99.9999% infrastructure uptime)

Key Customer Segments

- > Medical Technology Companies – Ushering in a new generation of healthcare devices and systems
- > Healthcare Providers – Driving patient care and modernization while optimizing cost
- > Teaching Hospitals & Research Institutions – Strategic partners for healthcare providers

> Accelerate AI deployment

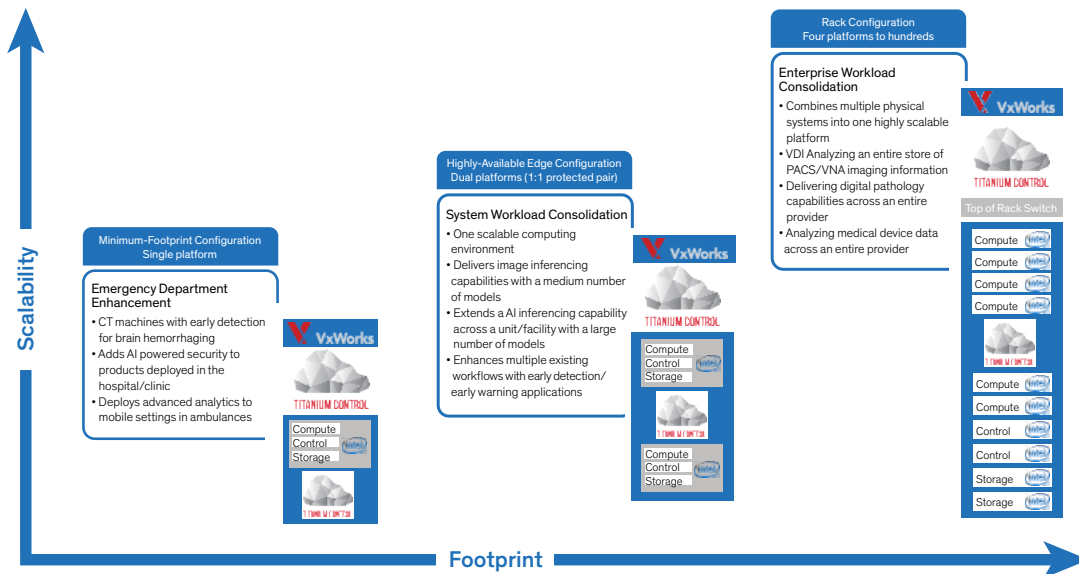
> Consolidate edge workloads

> Create a flexible edge infrastructure



Healthcare New Edge Platform

Intel® enables healthcare technology solutions that increasingly connect and optimize care delivery, setting new standards in technology speed, precision, agility, reliability, and responsiveness. From innovations that change how devices, providers, and patients interact, to optimizing existing edge technologies so that healthcare applications and services can be run on a single common platform, the scope of possibility reaches across the entire healthcare continuum.



Key Features:

The Healthcare New Edge Platform is built on a standards-based architecture to ensure interoperability for a wide range of systems and devices, to facilitate wide application development, and to simplify services deployment. Key features include:

- > **Processors:** Intel® Xeon® Scalable and Core Processors
- > **Accelerators:** Intel® Stratix® 10, Arria® 10, and Intel® Vision Accelerator Products
- > **OS:** Wind River Titanium Control or VxWorks
- > **Inference-Ready:** Fully compatible with the Intel® OpenVino™ inference engine with platform features like DL Boost available to take performance to the next level. Expandable with Intel® AI Accelerators to grow with demand
- > **Security*:** Hardware features including Protected Boot, Hardware Root of Trust, Secure Boot, and many more

* No product or component can be absolutely secure.

Ordering Information

Please contact Arrow for part numbers and ordering information.

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