

Anchorage Radiation Therapy Center ensures 24/7 operation of critical clinical systems by moving to hyperconvergence with **StarWind HCI Appliance (HCA)**



About the company

Anchorage Radiation Therapy Center (AVRTC) is a cancer treatment provider serving patients across Alaska since 1993. It delivers radiation oncology services and supports patient care with wellness and nutritional counseling programs.

Industry

Healthcare

Location

North America (United States)

Solution

StarWind HCI Appliance (HCA)

"Thanks to StarWind, now we have an HA set of Hyper-V servers, and the load is distributed across both to ensure the best performance. We will continue to use StarWind and add/upgrade servers as needed."

Jared Montes, IT Administrator

Challenge

Before deploying StarWind HCI Appliance (HCA), Anchorage Radiation Therapy Center relied on multiple standalone physical servers, each dedicated to a specific role, running on Microsoft Hyper-V. This architecture lacked high availability (HA) and sufficient hardware redundancy, leaving critical clinical applications vulnerable to hardware failures. Any unexpected server outage could interrupt access to vital systems, potentially resulting in thousands of dollars in lost revenue for every hour of downtime.

The organization required a hyperconverged platform capable of maintaining service continuity while improving infrastructure reliability.

Solution

Anchorage Radiation Therapy Center deployed StarWind HCI Appliance to replace its standalone server environment with an HA Hyper-V cluster. The new infrastructure distributes virtual machine workloads across two clustered hosts, ensuring continuous operation and balanced resource utilization while providing hardware fault tolerance.

StarWind's combination of enterprise-grade hardware, integrated software, and responsive technical support delivered the best overall value compared to competing proposals. The resulting platform has met all operational requirements, eliminated infrastructure-related issues, and provided a scalable foundation that can be expanded with additional or upgraded servers as future needs evolve.