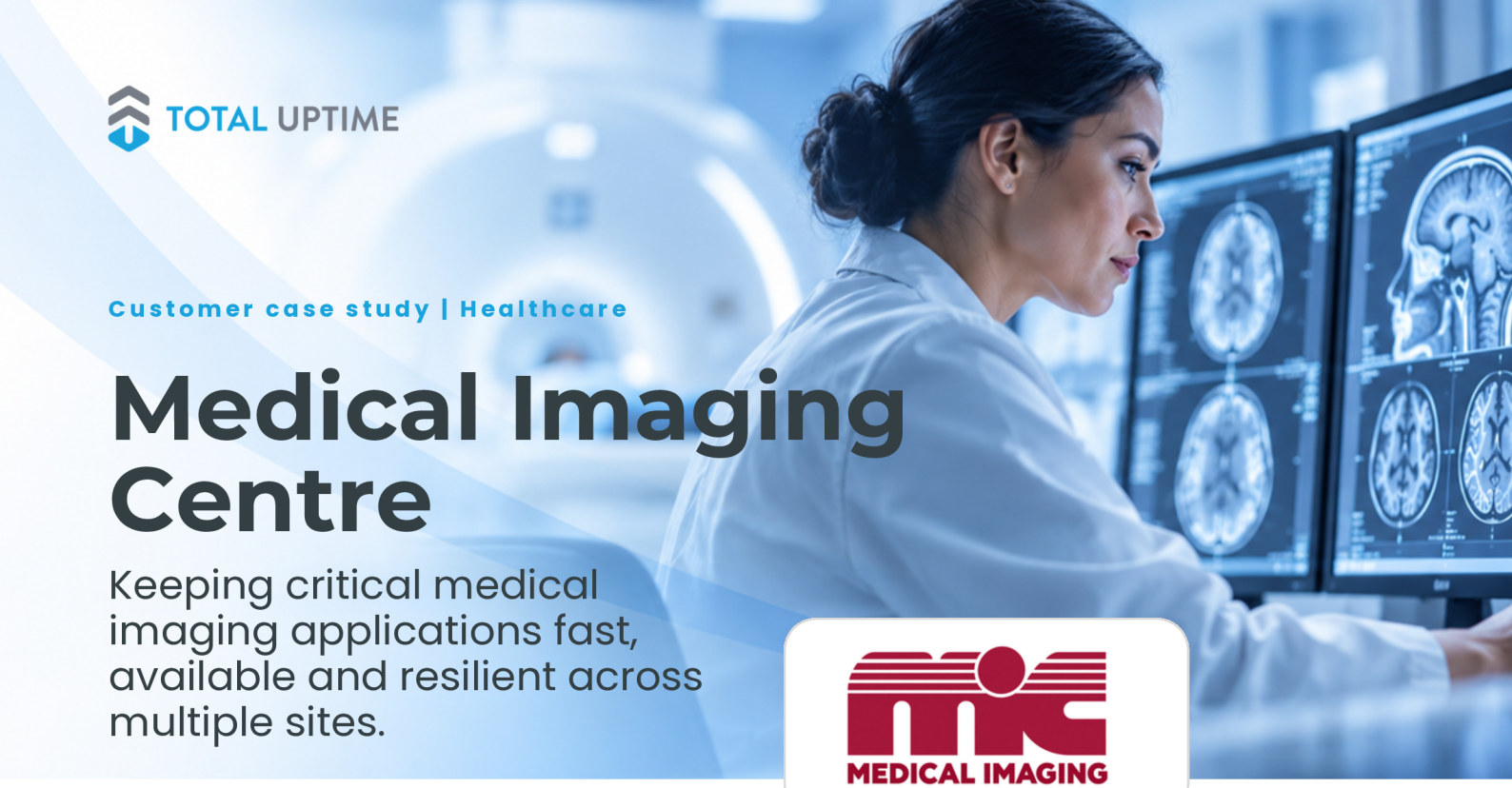
TOTAL UPTIME



Customer case study | Healthcare

Medical Imaging Centre

Keeping critical medical imaging applications fast, available and resilient across multiple sites.

MEDICAL IMAGING

INDUSTRY
Healthcare

ENVIRONMENT
On-Premises / Multi-Site

CAPABILITIES
Application Delivery + High Availability

OUTCOME
Improved Availability

The Customer

Medical Imaging Centre (MIC) supports healthcare teams across Canada with access to critical medical imaging systems and services. Radiologists and clinical teams depend on fast, reliable access to PACS/RIS platforms and large imaging files. As MIC's infrastructure expanded, maintaining consistent application performance and availability across its environment became increasingly important.

The Challenge

MIC was expanding its infrastructure and had implemented an on-premises storage and backup environment to support its imaging archive application. The increased demand placed additional pressure on the existing network, where reliability was critical.

1. Fast access to large files

Medical teams needed dependable access to large medical imaging files without infrastructure bottlenecks slowing clinical workflows.

2. Multi-site availability

Critical imaging systems needed resilient access, redundancy and failover to reduce the risk of service interruption across the environment.

3. Simple application delivery

MIC needed enterprise-grade traffic management and high availability without introducing unnecessary management complexity for the IT team.

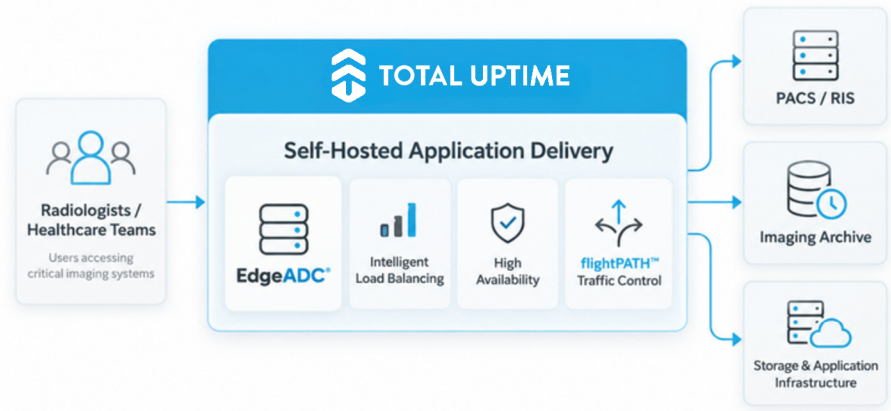
> **Removing a single point of failure in our application delivery network and eliminating potential downtime makes the ALB-X VA solution incredibly valuable to us.**
>
> David Tanner | Senior Systems Analyst, MIC

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Reliable application delivery for critical imaging systems.

MIC deployed what is now part of Total Uptime's self-hosted application delivery portfolio to intelligently distribute traffic across critical applications and imaging systems. Configured for high availability, the solution helped remove single points of failure while giving MIC greater control over application traffic through flightPATH™, using a straightforward, no-code interface.



Intelligent Application Delivery

Traffic is intelligently distributed across MIC's critical application infrastructure, helping imaging systems remain responsive as demand changes.

High Availability

The solution was deployed as a high-availability cluster, reducing single points of failure and supporting continued access to critical applications.

Advanced Traffic Control

flightPATH™ gives the IT team granular control over how application traffic is handled and routed.

Simpler Administration

A straightforward, no-code management experience makes configuration easier without requiring extensive scripting or additional operational complexity.

Improved Availability

High-availability application delivery helped remove single points of failure and reduce the risk of downtime.

Infrastructure Flexibility

MIC gained greater flexibility in how its infrastructure and services could be delivered as the environment expanded.

Infrastructure Utilization

Reliable application delivery enabled MIC to make better use of its investment in cloud storage infrastructure.

> **Commercially speaking, the Edgenexus Load Balancer has given us the ability to significantly capitalize on our investment in cloud storage infrastructure.**
>
> David Tanner | Vice President, Senior Systems Analyst, MIC

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