



SAVING AND HEALING LIVES AROUND THE WORLD

MTF BIOLOGICS ACCELERATES THE SCIENCE OF TISSUE DONATION AND PATIENT CARE.

The evolving science of tissue and organ transplantation holds tremendous potential to extend and improve human life. Ten million tissue grafts and 150,000 donors later, MTF Biologics continues to collaborate with leading physicians, scientists, and researchers to achieve superior outcomes and deliver the best possible experience for patients.

“
BY UPGRADING TO HPE PCBE, WE GAINED A SCALABLE, SECURE, CONSUMPTION-BASED SOLUTION THAT WILL HELP US SAVE AND HEAL LIVES WELL INTO THE FUTURE.
– Paul Servinskas, VP of Information Technology, MTF Biologics
”



Industry: Healthcare
Country: United States
Solution: HPE PCBE (Private Cloud Business Edition)

Vision

Deliver an unrivaled experience for tissue donors and recipients, their families, and the clinicians who serve them.

Strategy

Deploy a consumption-based, scalable solution that seamlessly modernizes MTF’s legacy on-prem compute/data storage; modernizing the way to consume and secure IT resources.

Outcomes

- Lower total cost with modular system (OPEX instead of CAPEX)
- Easier system deployment and ongoing IT administration
- Over-provisioning avoided with optimized, scalable solution

MTF Biologics has been saving and healing lives in North America and beyond for more than 35 years. Through its efforts, donated human tissue is transformed into safe, high-quality grafts that heal wounds and rebuild lives when used in orthopedic, plastic, and reconstructive surgery. Supported by directors and trustees drawn from leading medical and research institutions across North America, this non-profit, FDA-regulated organization is at the forefront of scientific progress and patient advocacy.

Relentless innovation

At the root of MTF's success lies its unwavering commitment to innovation. Collaborating with experts in tissue and organ recovery, together with leading physicians and scientists, it continually develops new ways to achieve superior clinical outcomes and deliver the best possible experience for patients. MTF also pushes the boundaries of transplantation science by supporting research within its own organization, and among clinicians and researchers worldwide.

Doing what's right

Proud to be the largest tissue bank in America, MTF Biologics is truly passionate about 'doing what's right' for patients, surgeons, tissue donors, and their families. Capitalizing on its demonstrated expertise in transplantation science, its sterling reputation among clinicians, and its steadfast dedication to advocacy, MTF leads the way in the development of viable, research-proven, patient solutions that return the human body to health and rejuvenate the human spirit.

Solution overview

The demands placed upon the IT infrastructure at MTF Biologics are numerous. Being regulated by the Food and Drug Administration and other bodies, having to comply with various data verification and payment industry standards, and operating with a dispersed and remote workforce means that system security is of the utmost importance. The need to seamlessly share, in real time, large volumes of data with a diverse network of medical and scientific organizations dictates that speed and flexibility are key. And the fact that MTF is a non-profit entity necessitates an intense focus on cost management.

MTF's existing IT infrastructure was a combination of applications residing onsite, apps hosted by independent software vendors, and apps running on large cloud service providers. About 250 virtual machines were operating within their data center.



“

AT MTF, WE TAKE PRIDE IN DEVELOPING AND ENABLING RESPONSIBLE, RESEARCH-PROVEN, PATIENT SOLUTIONS THAT RESTORE HUMAN HEALTH AND REJUVENATE THE HUMAN SPIRIT.

– Joe Yaccarino, President and CEO, MTF Biologics

”

As the performance expectations for its computing environment continued to intensify, and as various components of its IT infrastructure neared the end of their service life, it became clear that a system refresh was required in order for MTF to deliver on its mission into the next decade and beyond.

At the heart of this modernization initiative was the installation of an HPE PCBE solution, which linked with MTF's existing HPE infrastructure management tools to deliver a unified user experience and a more secure operating environment. By dividing computing, storage, and networking resources into individually scalable modules, HPE PCBE allows MTF to optimize its infrastructure to match fluctuating workloads –

while still enjoying the benefits of HPE PCBE's simple administration and deployment.

When it came time to upgrade and expand its IT network, it was natural for MTF Biologics to augment its established HPE infrastructure with an HPE PCBE solution.

MTF already had a longstanding relationship with Melillo Consulting, so entrusting them with the IT modernization initiative was an easy decision. Melillo's thorough understanding of MTF's business and its legacy technology, its ability to simplify and resolve complex technology challenges, and its track record of delivering on-time and on-budget made it the ideal partnership.

MTF Biologics is proud to have served the medical community for well over three decades, and remains humbled by the opportunity to honor the countless donors and their families who make its work possible. Through its ongoing collaboration with experts in tissue and organ recovery, together with leading physicians and scientists, MTF continues to advance transplantation science, accelerate innovation, and ensure the best possible experiences and outcomes for patients – in a word, to save and heal lives.

“

MELILLO CONSULTING HAS BEEN A CONSUMMATE TECHNOLOGY PARTNER, REPEATEDLY SURPASSING OUR EXPECTATIONS. SYSTEM SECURITY AND RELIABILITY IS EXCELLENT, AND WE CONSISTENTLY ACHIEVE OUR FINANCIAL OBJECTIVES.

– Paul Servinskas, VP of Information Technology, MTF Biologics

”

