



BOYS TOWN MODERNIZES IT TO FURTHER ITS MISSION

Starting its second century of service, Boys Town chose an advanced rack-scale, hyper-converged system including flexible software-defined storage to better serve children, families, and communities.



Boys Town

United States

boystown.org

Business needs

With the number of at-risk children in the United States continuing to grow, Boys Town could no longer rely on an aging IT platform to meet the needs of children, their families and the communities in which they live. The answer was a flexible, open hyper-converged infrastructure to efficiently and cost-effectively deliver an agile and reliable modern data center.

Solutions at a glance

- Dell EMC VxRack FLEX, powered by ScaleIO
- Dell EMC Isilon
- Dell EMC Data Domain and Data Protection Suite

Business results

- Delivers projected cost savings of more than \$2.2 million, plus an 82 percent ROI
- Provides exceptional all-flash performance, scalability, and enhanced security
- Ensures predictable IT operations resulting in improved care for their families and communities they serve
- Supports agile, highly responsive DevOps approach for faster application development

\$2.2

million in savings over 3 years



82%

projected ROI over the following 3 years



Founded by Father Edward Joseph Flanagan in 1917, Boys Town in Omaha, Nebraska, has served hundreds of thousands of youth. It has also touched the lives of millions more young people and adults across the United States through its many services, resources, and vital research.

Boys Town is supported by two robust data centers. Unfortunately, the legacy technology in these data centers was rapidly falling behind. Maintenance costs were rising, and scaling the legacy systems would have been prohibitively expensive.

In addition, some systems weren't compliant with the latest security standards, potentially exposing Boy Town's mission-critical data to damaging cyber attacks. Plus, the applications that the organization's youth-care workers, doctors, nurses, and other staff relied on were taking many months and even years to develop—impacting the quality of care.

“To modernize our data centers, we chose Dell EMC's VxRack System FLEX – powered by Dell EMC ScaleIO, a software-defined storage platform,” says Jamie Pearson, vice president of information technology for Boys Town. “This will enable us to meet the needs of the wide variety of people and organizations we serve.”

Unmatched agility, flexibility, and simplicity

The all-flash VxRack FLEX not only provides Boys Town with extraordinary performance, but also helps move it toward enterprise cloud and infrastructure-as-a-service (IaaS)—ensuring unmatched agility, flexibility, and simplicity.

The pre-tested, pre-integrated hyper-converged system enabled Boys Town to get up and running quickly. Because VxRack FLEX is engineered, manufactured, supported, and sustained as one—with the added life cycle assurance of Dell EMC's Release Certification Matrix—risk is greatly reduced and support is simplified.

Further, by implementing a software-defined modern data center powered by ScaleIO, which applies the principles of server virtualization (abstract, pool and automate) to x86 hardware block storage, Boys Town enjoys exceptional workload flexibility and cost-efficient growth.

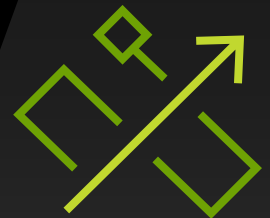
The organization is initially using VxRack FLEX to streamline development, improve automated provisioning for development, protect and replicate its mission-critical data for enhanced disaster recovery, and implement new security initiatives. Over time, Boys Town will also leverage the environment for greater business intelligence, use it to replace its legacy PBX, expand videoconferencing, and much more.

“Today, we must be able to develop applications in weeks, rather than in months or years,” Pearson explains. “VxRack FLEX with ScaleIO enables us to do precisely that—providing agility across the spectrum to support our most ambitious DevOps initiatives.”

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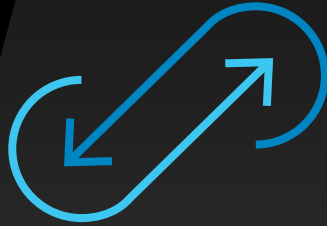
Jamie Pearson
Vice President of Information Technology, Boys Town

New apps in
weeks
rather than
months or years



NO

downtime for key services such as national teen hotline



Outstanding cost savings and ROI

While Boys Town is still in the process of building out its private cloud environment based on VxRack FLEX, it expects to save more than \$2.2 million over its first three years of running software-defined modern data centers on Dell EMC technology. Further, it projects an 82 percent return on investment (ROI) over the following 36 months.

The organization signed an enterprise Transformational License Agreement (TLA) with Dell Financial Services that enables it to get the software it needs today, while being able to swap and replace software as needed in the future. This has helped reduce current capital costs as well as future expenditures for VMware hypervisor, operating system software, cloud applications, storage media, and maintenance.

Pearson and his team will also save time and money thanks to the simplified operations and management of VxRack FLEX and the way in which its software-defined modern data centers, based on an open x86 architecture, allows Boys Town to plan for future workloads.

In addition to the VxRack FLEX powered by ScaleIO, Boys Town also relies on Dell EMC Isilon and Dell EMC XtremIO for other critical storage needs.

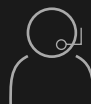
“Our partnership with Dell EMC goes back a long way,” remarks Pearson. “I’ve been counting on them my entire career with Boys Town, and that’s close to 20 years now.”

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Jamie Pearson
Vice President of Information Technology, Boys Town



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