

From Legacy to Gold: How a Step-by-Step Migration to ASP.NET Core Prepared USA Swimming for Remarkable Performance and Olympic Traffic

AT A GLANCE



USA Swimming, the national governing body for the sport of swimming in the United States, experiences vast swings in site traffic when important swimming events take place. In preparation for the 2024 Olympics, USA Swimming fully modernized its Progress® Sitefinity® digital experience solution, migrating to the cloud and ASP.NET Core for speed and scalability.

COMPANY
USA Swimming

INDUSTRY
Associations and Non-Profit

PRODUCT
Progress® Sitefinity®

COUNTRY
United States

Challenge

Serving 380,000 members and 2,700 member clubs, as well as fans around the world, USA Swimming wanted to take full advantage of the scalability of Sitefinity, future-proofing its site to deliver peak performance for the 2024 Olympics and beyond.

“During the 2024 Games, not only did our website not crash, but we also never even saw slowing load times. Everything was seamless, even during peak times with millions of visitors on the site.”

Jacob Grosser
Managing Director of Marketing and Communications, USA Swimming

Solution



Upgraded from ASP.NET MVC to an ASP.NET Core application in a phased approach to handle the presentation layer of the website.



Worked with Sitefinity partner Visus to upgrade to the latest version of Sitefinity.



Migrated the site from on-premises to Microsoft Azure Platform-as-a-Service for auto-scaling and setting up a continuous delivery workflow.

Results



Handled an 84 percent increase in users over 2021 Olympic Trials and a 105 percent increase in website sessions during 2024 Trials with no performance issues.



Integrated a proprietary database that houses hundreds of millions of swim times for the entire world into Sitefinity to better display and share information.



Built a scalable, future-proof solution with PaaS infrastructure and ASP.NET Core to provide a superior user experience moving forward.



If you need a high-performance, future-proof digital experience platform, look no further than Sitefinity. [Learn more.](#)