Digital Twinning Platform Simplifies Olympic and Paralympic Games Venue Planning

Designing an Olympic and Paralympic Games event space to accommodate athletes and thousands of spectators requires collaboration among many professionals. Intel® Xeon® processors are powering a user-friendly digital twinning platform that helps event planners and stakeholders design, map, and plan venue layouts. The development team uses gaming workstations equipped with Intel® Arc™ A770 graphics cards and Intel® CPUs to create highly detailed digital models of event spaces. Once uploaded to upstream computing instances supported by custom Intel Xeon processors, Paris 2024 operations and planning stakeholders can simultaneously explore the digital simulation and modify the virtual venue layouts through any web browser. Remote preparation of security measures, logistics, and crowd control strategies reduces costs and lessens the event's environmental impact by minimizing travel.

> "Thanks to workstations and upstream computing instances powered by Intel technologies, and excellent support from Intel's technical team, we have an ideal application platform to simulate venues in detail and help make our clients' jobs much easier."
>
> **Stephan Reed, Technical Lead, Intel Partner**

Products and Solutions
Intel® Xeon® Processors
Intel® Arc™ Graphics

Industry
Spectator
Sports

Organization Size
501-1,000

Country
France

Learn more
Case Study
Video