



SimCapture[®] Cloud

Understanding true SaaS versus hosted single tenant

Hosted single tenant

Hosted servers are often used to label legacy software as “cloud-based” (a practice employed by SimCapture competitors). While this solution offers the benefit of not requiring on-site server infrastructure to maintain, the solution behaves similarly to a fully on-premise model. They may be housed elsewhere, but you still have dedicated servers for your installation that have limited backup mechanisms and must be maintained and updated specifically for your institution.

Multi-tenant SaaS (software as a service)

Multi-tenant SaaS, a software architecture in which a single instance of software serves multiple tenants (group of users), is the modern and universally recommended approach for cloud-based software. Multi-tenant SaaS is designed for cloud first and has many advantages over a hosted single tenant solution including reliability, elasticity, security, updates, scalability, and collaboration. We'll explain each of these advantages in more detail below:



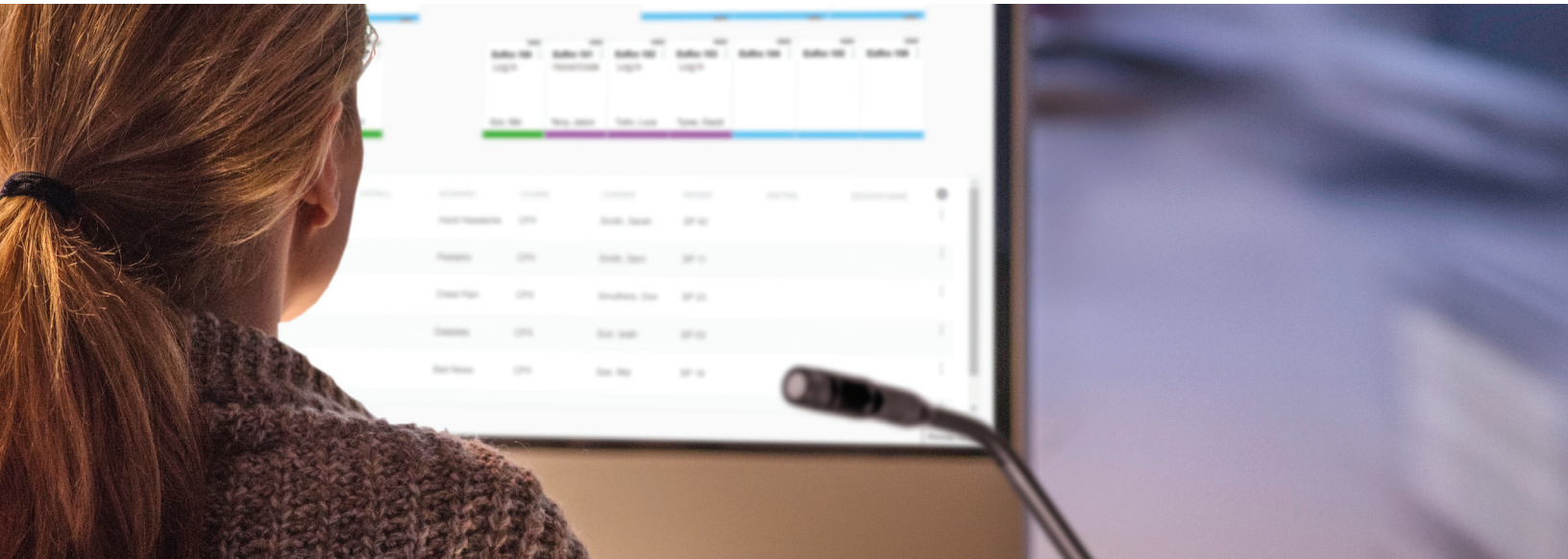
Reliability

SaaS SimCapture resides on AWS, Amazon's cloud that is used by Netflix, NASA, Adobe, and Slack just to name a few. AWS infrastructure allows us to provide a highly available 99.99% uptime at a minimum. AWS is a truly globally infrastructure with data centers throughout North and South America, Europe, Africa, Middle East, Asia, and Australia.



Elasticity

In addition to reliability, our infrastructure enables utilization of highly elastic and responsive resources. This means that regardless of your simulation center's event volume or data load, you never need to worry about data availability or integrity. The same cannot be said for single tenant solutions.



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Security

Because SaaS SimCapture was built to be cloud first, it also has a higher standard for security practices. Fewer users have access to the production environment, and data itself is encrypted in one, heavily monitored, database with multiple layers of security to ensure clients cannot access each other's data and outside users cannot access any data.



Updates

With SaaS SimCapture, updates occur automatically for all clients using the software as soon as a new version is released. This means you are always on the latest version with zero downtime. This also allows for streamlining of the support process. Any hotfixes, once identified, can be deployed in as little as minutes without any operational disruption.



Scalability

With SaaS SimCapture, as your center grows or expands through partnerships with other centers, your data capacity needs can be simply and rapidly addressed. Scaling capacity up or down can be completed without any interruption to center usage or activities.



Collaboration

Because of the multi-tenant database, more functionality is available for collaboration and networking between clients. Features such as sharing content, performance benchmarking, and cross-campus reporting are all made possible through this format.