



Georgia Institute of Technology Success Story

Organization

Georgia Institute of
Technology (Georgia Tech)

Business Need

Streaming capabilities

Industry

Education

Intermap Solution

Intermap Content Delivery Network

Results

- Connected students remotely to class content via live streaming and on-demand downloads
- Saved more than \$250,000 annually in shipping costs
- Reduced volume of complaints and trouble tickets

“Because much of the content we produce is live and not staged, we need to reliably deliver our content as soon as it happens to a worldwide audience. We can’t afford to ask a professor to re-deliver a lecture because the technology didn’t work.”

George Wright
Georgia Tech
Director of Distance Learning

Customer Overview

Georgia Tech, founded in 1885, is one of the nation’s top research universities, distinguished by its commitment to improving the human condition through advanced science and technology. The institute is ranked seventh in the nation among public universities, and the school’s Industrial and Systems Engineering program has been ranked No. 1 for 17 years in a row.

For the last 35 years, Georgia Tech’s Distance Learning and Professional Education unit has been offering innovative short courses, certificate programs, master’s degrees and customized training, all taught by Georgia Tech faculty and top-notch professionals. Geared toward career advancement and personal enrichment, the department delivers lifelong learning to students in every time zone, from the local Atlanta community to countries around the world.

Business Challenge

As its name suggests, Georgia Tech has always been ahead of the technology curve, especially when it comes to delivering distance learning programs. Because many students in the program reside in other time zones in every part of the world, they often are unable to tune in to classes in real-time. Previously, to ensure that these students received the same top-notch education that on-campus students received, the institute was shipping tapes, CDs and DVDs with class content to students around the globe...costing them approximately \$250,000 per year.

Georgia Tech wanted to eliminate these costs and remove the load and bandwidth concerns from its own centralized architecture. The school sought a Content Delivery Network (CDN) that would allow students to either tune-in live or download past broadcasts via the Internet.

Solution Requirements

Georgia Tech sought a reliable CDN with a global reach that would allow students to participate in televised broadcasts via live streaming or to download large interactive files on demand from the Internet.

“Before moving to streaming content, we were spending well in excess of \$250,000 a year shipping tapes, CDs and DVDs to our students.”

George Wright
Georgia Tech
Director of Distance Learning

Contact us to learn how Intermap can solve your IT challenges by enabling you to focus on your core business, improve service levels and lower the cost of IT operations.

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Solution Benefits

Georgia Tech researched and tested streaming capabilities from a variety of providers to assess system compatibility. They didn't realize that a major CDN provider with a worldwide CDN network was around the corner in Atlanta. Once Georgia Tech met with Internap, they were impressed with the company's breadth of services. Georgia Tech ran a successful trial with Internap, ultimately selecting the company's CDN. Since partnering with Internap, Georgia Tech has experienced many benefits, including:

Performance	Internap's one-of-a-kind routing technology ensures Georgia Tech has the highest performance levels for smooth streaming of its live and on-demand content, resulting in an improved customer experience. The number of complaints and trouble tickets from students using the streaming service has greatly diminished since Georgia Tech began utilizing Internap's CDN.
High Availability	The Internap CDN is a highly redundant network leveraging up to 11 network carriers and Internap's patented Performance IP™ service that routes CDN traffic over the most reliable network at all times, all while avoiding network issues such as outages, brownouts and slowdowns. Internap guarantees 100% uptime for its CDN.
Scalability	Whether the audience members are students at one of Georgia Tech's six international campuses or the program's many students connecting remotely from around the world, Internap's scalable CDN solution ensures high performance, smooth streaming and an overall quality experience. In addition, Georgia Tech leverages the scalability of Internap's CDN to handle increased traffic spikes for a range of important university and program events.
Support	Internap's 24/7 Network Operations Center (NOC) gives Georgia Tech support whenever the students or professors need it.

Bottom Line

Today's students don't always have the luxury of attending classes on campus. Sometimes they are military personnel stationed overseas, other times they are teachers who require additional training but can't travel long distances to attend classes. Internap's CDN is helping Georgia Tech lead the next evolution in distance learning. Whether they choose to watch live streaming or on-demand video, Georgia Tech students now have access to the Distance Learning and Professional Education unit's 15,000 hours of instructional content per year, in addition to webcasts, webinars and other special meetings.

Why Internap?

Transform your IT Infrastructure into a competitive advantage with IT IQ from Internap, intelligent IT Infrastructure solutions that deliver unparalleled performance, flexibility and support. Since 1996, thousands of enterprises have entrusted Internap to deliver their online applications across our platform of connectivity, colocation, managed hosting and cloud services.

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