

CASE STUDY: GRANICUS

Granicus relies on Wowza Streaming Engine to connect citizens with government through high-performance live streaming



Granicus manages the world's largest and most reliable legislative content network, containing more than five million government media files and public records and maintaining 99.98% uptime. To sustain and scale these numbers, Granicus relies on Wowza™ technology to power its live and on-demand video streaming.

INDUSTRY



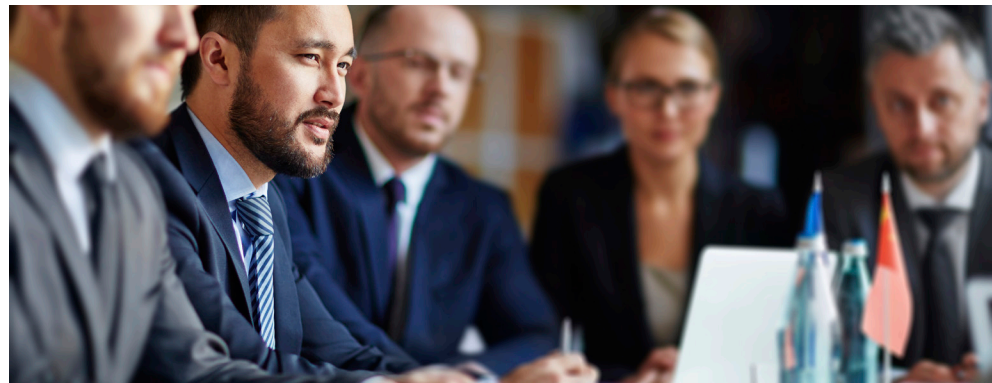
Government



Streaming service provider

USE CASE

Government—ongoing event/meeting broadcast



PRODUCTS/SERVICES



Wowza Streaming Engine



Wowza Transcoder

Amazon S3

CHALLENGE

Government video streaming demands impeccable reliability and flexibility. Here's a look at the challenges Granicus needs to address with its streaming solution:

- Number and length of weekly broadcasts—recording upwards of 1,500 hours of video per week
- Demanding uptime requirements
- Easy implementation without significant additional infrastructure
- Scalability for distribution within local networks and to large audiences outside them

SOLUTION

Granicus chose Wowza Streaming Engine™ software to enable convenient meeting management and boost civic engagement. The following are key elements of the solution:

ON-PREMISES DEPLOYMENT WITH SCALABLE CENTRALIZED INFRASTRUCTURE:

Granicus intelligently routes video streams based on geographic location to minimize latency for end users and maximize network efficiency to Wowza Streaming Engine servers. Viewers from within customer sites receive video from an on-premises Wowza Streaming Engine instance, while viewers outside of customer sites receive video from the Granicus system, which scales automatically via a content delivery network (CDN).

SOLUTION (CONT.)

BUILT-IN TRANSCODING: Granicus takes advantage of the [live stream transcoding](#) feature in Wowza Streaming Engine software to produce adaptive-bitrate video streams to give viewers on any device, anywhere, the best possible viewing experience.

COST SAVINGS: “Through our partnership with Wowza, our customers can increase citizens’ access to government, while boosting staff efficiency and controlling costs through automated online processes that can be managed at anytime, from any location,” says Granicus CTO Javier Muniz.

SPEED TO MARKET: [Wowza Streaming Engine APIs](#) enable Granicus to go to market quickly with new features like these:

- Ability to generate time codes so customers can trim sections out of videos—complete with closed captioning and timestamps for when votes are taken during public meetings
- Creation, viewing, and sharing of customized viewer-traffic reports
- Provisioning and de-provisioning of live, video-on-demand, or proxy video streams easily, from anywhere with an Internet connection

BENEFITS & RESULTS

Granicus’s 63,000+ government users leverage the Granicus-Wowza integration to successfully run their day-to-day government tasks, including webcasting public meetings, delivering legislative information, collaborating with citizens, and more. The solution’s dependability has delivered these and many other benefits to Granicus:

MARKET EXPANSION: Building on the success of its self-service portal for legislative bodies, Granicus has expanded its reach and now has customers in 15 business areas beyond the government sector.

FUTURE-PROOF TECH FOR RELIABILITY & ADDED VALUE: Customers rely on Granicus to be at the forefront of webcasting. Whenever Wowza implements industry-leading capabilities and significant new functionality, such as [digital video recording](#) or [support for new formats and codecs](#), it translates directly into additional value Granicus brings to its customers.

PROFESSIONAL-QUALITY STREAMING: No matter the audience size, available bandwidth, or end-user devices, Granicus delivers the highest-quality live and on-demand video streaming with Wowza Streaming Engine.

“Working with Wowza gives us the tools to offer a video streaming solution that is cost-effective for government while being at the leading edge of the industry.

With the system we built on Wowza technology, government agencies can connect with citizens in meaningful new ways online, over mobile devices, or on social networks.”

—Javier Muniz, CTO, Granicus



To learn more about how others are using Wowza streaming technology, visit wowza.com or contact sales@wowza.com.