

GV STRATUS One

All-in-One Media Production Platform

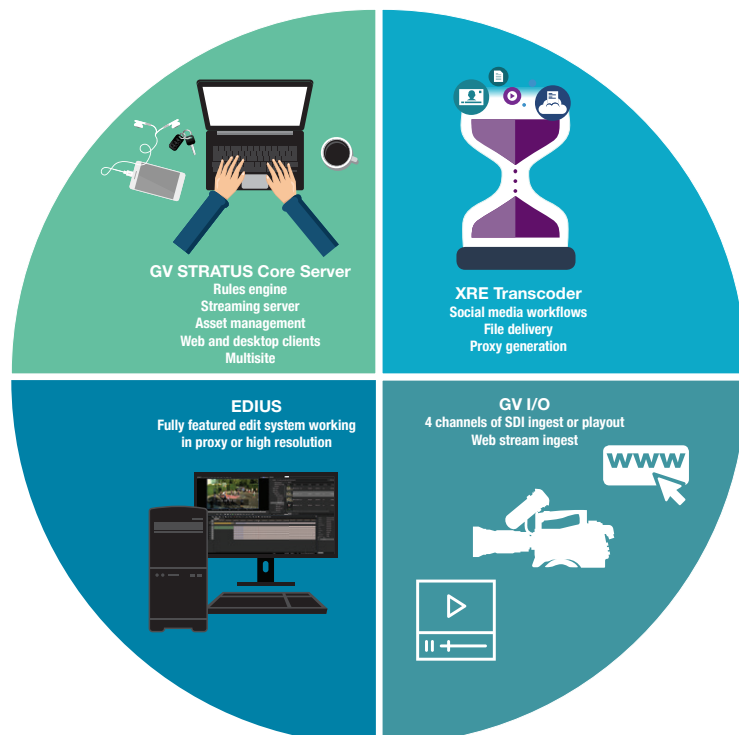


Creating content in today's media environment is becoming a more daunting task by the day. GV STRATUS One is here to help smaller workgroups create, capture and distribute content providing the flexibility and creative freedom to allow media to be created from anywhere and connect with viewers everywhere.

GV STRATUS One from Grass Valley, a Belden Brand, is an easily deployable, cost-efficient, media production solution sold in a single 2 RU form factor. It manages ingest, playout, recording, transcoding and storage, while supporting streaming to a web client. The solution is also powered with time-saving

collaborative features such as an automated rules engine and social media management to streamline the distribution and organization of content.

GV STRATUS One is comprised of four Grass Valley technologies, packed into a plug-and-play content solution:



GV STRATUS One All-in-One Media Production Platform

KEY FEATURES

- 4 channels of playout and record
- 2 RU form factor
- SDI ingest and playout (720p & 1080i)
- Transcoding, based on XRE
- 16 TB (useable) local storage (over 300 hours at 100 Mb/s)
- 10 simultaneous users (floating licences) supporting:
 - EDIUS proxy editing
 - HTML5 streaming
 - GV STRATUS desktop application
- One high-resolution EDIUS editor
- GV STRATUS Rules Engine
- Simplifies organization and delivery of content
- GVRE — render engine used for rendering and transcoding of asset delivery
- Growing file support — start editing while media is still being ingested
 - Proxy generation on-the-fly



SPECIFICATIONS

Video I/Os

4 SD/HD/3G-SDI channels record channels DIN 1.0/2.3 connectors

SD-SDI: SMPTE ST 259, ITU R601, 525/625 line, 10-bit

HD-SDI: SMPTE ST 292, 10-bit

Formats

- (SD) 525i59.94
- (SD) 625i50
- (HD) 720p50/59.94
- (HD) 1080i50/59.94

Compression Types

- SD:**
- DVCAM, DVCPR025, DVCPR050
 - MPEG-2@ML 4:2:0, I-Frame & Long GOP 2-15 Mb/s
 - MPEG-2@ML 4:2:2, I-Frame & Long GOP 4-50 Mb/s

HD:

- MPEG-2@HL 4:2:0, I-Frame & Long GOP 12-100 Mb/s
- MPEG-2@HL 4:2:2, I-Frame & Long GOP 20-100 Mb/s
- XDCAM HD (18, 25, 35 Mb/s)
- XDCAM HD 4:2:2 (50 Mb/s)
- XDCAM EX
- DVCPRO HD
- AVC-Intra 50/100
- H.264/AVCHD playback
- DNxHD 115, 120, 145, 175, 185, 222 Mb/s

Audio

Up to 16 tracks per channel
Input: 48 kHz, 16- or 24-bit digital audio=PCM

Media Exchange

MXF OP1a and GXF (SMPTE ST 360)

Power Requirements

Dual 2400W power supplies

ORDERING

GV-STRATUS-One-V1

An all-in-one combined GV STRATUS and GV I/O easily deployable media production solution that includes over 300 hours of 100 Mb/s storage.

Key components include:

- 4 channels of playout and record
- SDI ingest and playout (720p & 1080i)
- Transcoding using XRE
- 16 TB (useable) local storage (over 300 hours at 100 Mb/s)
- 10 simultaneous users (floating licenses) supporting:
 - EDIUS proxy editing

HTML5 streaming

- GV STRATUS desktop application
- One high resolution EDIUS editor
- GV STRATUS Rules Engine
- Simplifies organization and delivery of content
- GVRE Transcoder:
 - Render engine used for rendering and transcoding of asset delivery
 - Streaming server for web frame accurate streaming
 - Growing file support – start editing while media is still being ingested
 - Social & CMS distribution/management

GV STRATUS Services – Defining, Deploying and Supporting Solutions for Nonlinear Production Tools

The performance of a broadcast enterprise can't be impacted by any interruptions, including technological glitches, workflow inefficiencies or mistakes caused by insufficient training.

That's why Grass Valley Global Services offers a full spectrum of Professional Services, Training and comprehensive Customer Support, which ensures successful ownership and operation of Grass Valley solutions. With advanced architectural services, proven methodologies, preventative support and priority response, your operations are optimized and maximized, so broadcast environments run leaner, smoother and more aligned with business priorities.

Professional Services

Define, design and deploy solutions that meet business goals. When partnering with Grass Valley Professional Services, a team of experts is part of the interaction. From initial concept and architecture definition, to implementation and management, they will help you realize solutions that address the unique processes, workflows and infrastructure requirements necessary to meet your specific business objectives.

- Enhance the quantity and quality of organizational resources. Meet and exceed end-to-end project requirements that ensure getting it right the first time.
- Ensure productive workflows and operational efficiencies are in place and designs maximize available budget. Gain increased productivity leading to a measurable quicker return on investment.
- Migrate workflows off legacy systems to new architectures. Enjoy the advantages of new technologies.
- Move swiftly from purchase to production. Accelerate the steps from build — to integrate — to operate.

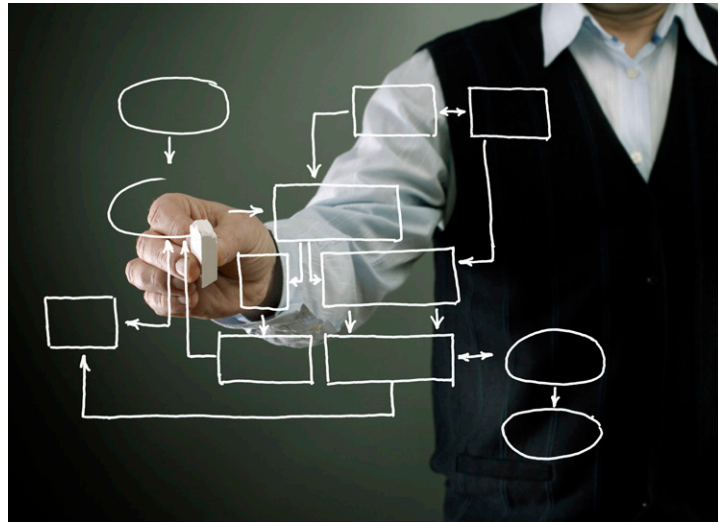
Training

Get maximum value from Grass Valley solutions. With on-site, online, factory-based and customized education, your organization gains the knowledge and skills to meet its operational and technical support needs. Expert-led courses are designed for operators and maintenance engineers, with a combination of theoretical learning and hands-on exercises.

Support Agreements

Get ahead of the game and take proactive steps to support all operational aspects. With Grass Valley Customer Support, investments are protected, uptime requirements are met and system performance is maintained and enhanced. Elite, Basic and Custom Agreements are straightforward and easy-to-understand.

The Elite Support Agreement is designed for critical environments where uptime is demanded and rapid problem resolution is a must. This agreement provides 24x7 technical phone support, call center prioritization, service level commitments, defined fault resolution processes, free software updates and upgrades and advance parts exchange. With an Elite Support Agreement, media production environments achieve both operational efficiency and financial predictability.



GLOBAL SERVICES PROVIDES:

- Unequaled depth of industry knowledge and technical expertise
- Over 50 years of worldwide experience
- Complete set of services:
 - Strategic advice
 - System architecture
 - Workflow analysis and design
 - Project management
 - Integration and implementation
 - Performance optimization
 - Technical and operational training
 - Educational services
- Address today's challenges and prepare for tomorrow's opportunities

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