



GV STRATUS One

All-in-One Media Production Platform

GV STRATUS One was designed to help teams redefine production workflows by offering refreshing simplicity while saving them time, delivering media faster, and saving them space. Simply put, it provides the ability to create content from anywhere and distribute to audiences everywhere.

The 2 RU, easily deployable, cost-efficient media production solution from Grass Valley manages ingest, playout, recording, transcoding, storage, streaming to web clients and includes a package of editing clients from our EDIUS software solution or Adobe Premiere support with Adobe Connect licenses.

Aside from the powerful set of tools offered inside the platform, GV STRATUS One also saves valuable time and lowers the cost of setup.

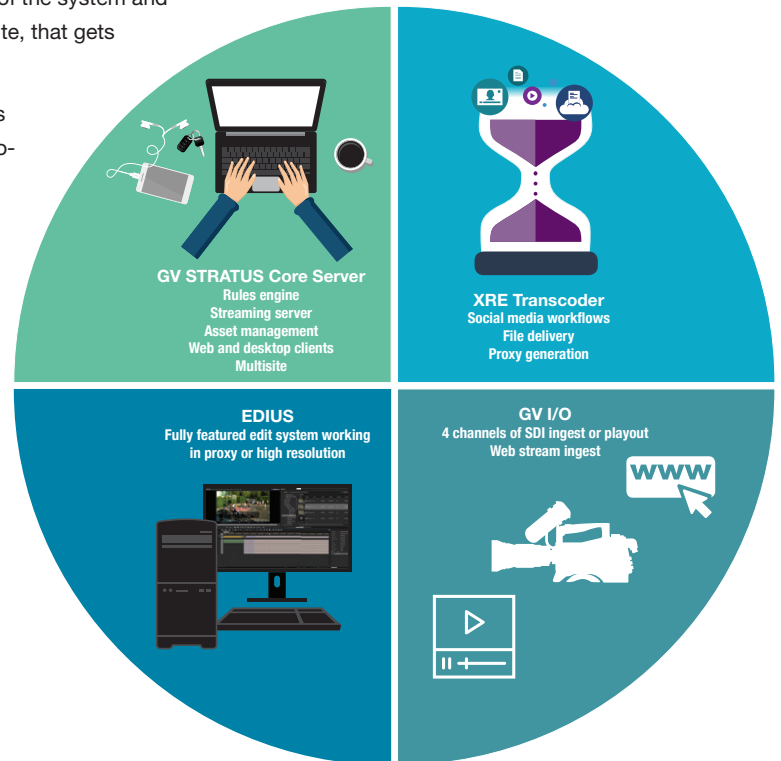
The product is designed to be operational within hours of delivery allowing customers to install, power up and start creating without assistance.

GV STRATUS One ships with a Quick Start Guide covering the fundamentals of the system and power-up procedures, and references a series of videos, hosted on a micro-site, that gets anyone with some basic PC knowledge started within a couple of hours.

Once up and running, the speed and simplicity of GV STRATUS One redefines workflows with the ability to edit within seconds of ingest, rule building to automate workflows and distribute digital media.

GV STRATUS One is offered in two all-in-one packages:

Express	Pro
4 channels of SDI playout/record	
16 TB usable local storage (over 300 hours at 100 Mb)	26.88 TB usable local storage (over 550 hours at 100 Mb)
10 simultaneous users	20 simultaneous users
1 high-resolution EDIUS client	3 high-resolution EDIUS or Adobe Premiere Connect Licenses
GV STRATUS Rules Engine	
1x GVRE Render Engine	2x GVRE Render Engines
Streaming server for web-accurate streaming	
Growing file support	
Social & CMS distribution/management	
—	RMI/archive support



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, DVCPRO25, DVCPRO50
- 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

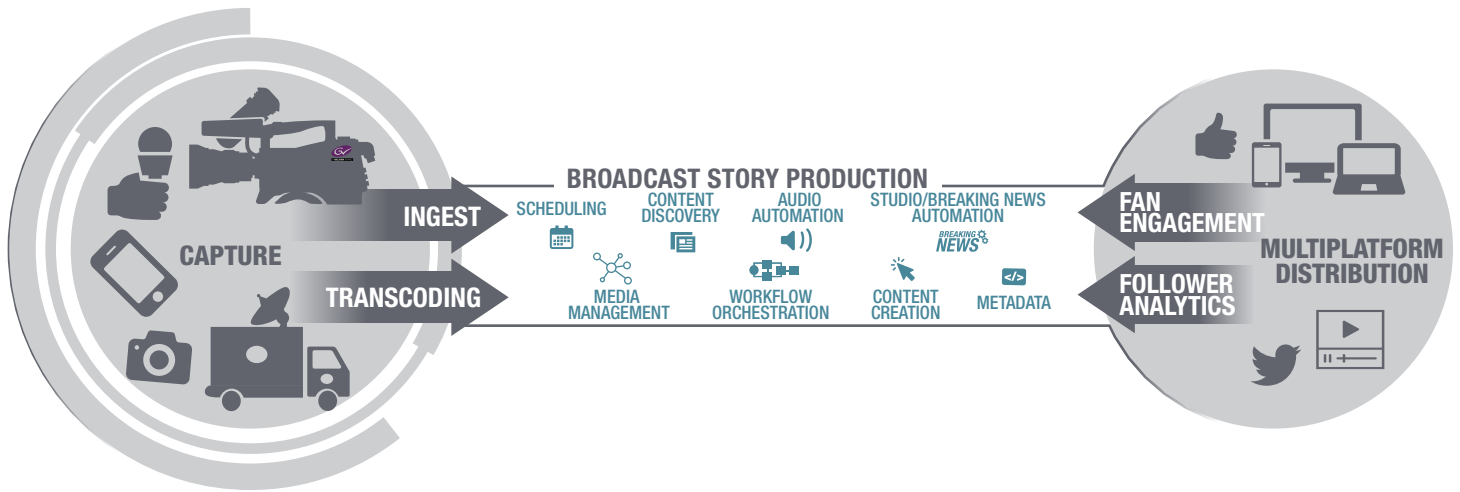
Up to 16 tracks per channel
Input: 48 kHz, 16- or 24-bit digital audio=PCM

Media Exchange

MXF OP1a and GXF (SMPTE ST 360)

Power Requirements

Dual 2400W power supplies



ORDERING

GV-STRATUS-ONE-EXP

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

Key components include:

- 4 channels of playout and record
- SDI ingest and playout (720P & 1080i)
- Transcoding using XRE
- 16 TB (usable) local storage (over 300 hours at 100 Mb)
- 10 simultaneous users (floating licenses) supporting:
 - EDIUS proxy editing
 - HTML5 streaming
 - GV STRATUS desktop application
- 1 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
 - Streaming server for web frame accurate streaming
 - Growing file support — start editing while media is still being ingested
 - Social & CMS distribution/management

GV-STRATUS-ONE-PRO

An all-in-one combined GV STRATUS and GV I/O easily deployable media production solution that includes ~ 550 hours of 100 Mb storage.

Key components include:

- 4 channels of playout and record
- SDI ingest and playout (720P & 1080i)
- Transcoding using XRE
- 26.88 TB (usable) local SSD storage (~ 550 hours at 100 Mb)
- 20 simultaneous users of which 10 can be web clients (floating licenses) supporting:
 - EDIUS proxy editing
 - HTML5 streaming
 - GV STRATUS desktop application
- 3 high-resolution editors — EDIUS or Adobe Premiere
- GV STRATUS Rules Engine:
 - Simplifies organization and delivery of content
- RMI and archive support
- 2x GVREs
 - Render engines 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

GLOBAL SERVICES

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.

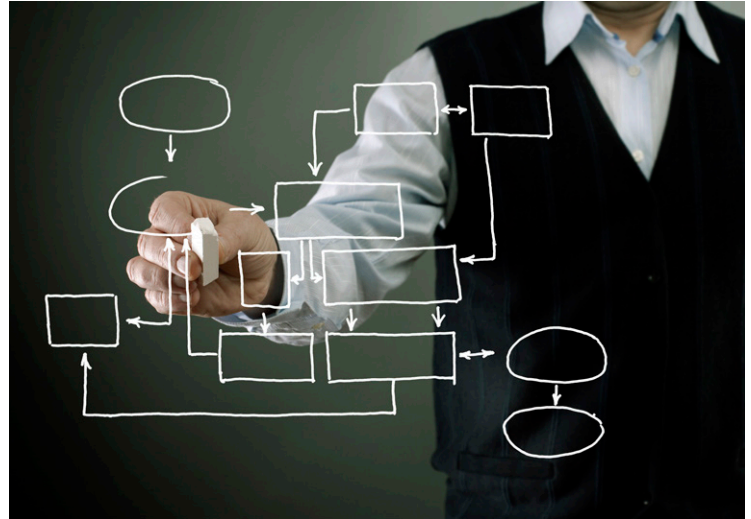
- Enhance the quantity and quality of organizational resources. Meet and exceed end-to-end project requirements that ensure getting it right the first time.
- Ensure productive workflows and operational efficiencies are in place and designs maximize available budget. Gain increased productivity leading 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

DS-PUB-2-0807B-EN



WWW.GRASSVALLEY.COM

Join the Conversation at **GrassValleyLive** on Facebook, Twitter, YouTube and **Grass Valley** on LinkedIn.



www.grassvalley.com/blog

This product may be protected by one or more patents. For further information, please visit: www.grassvalley.com/patents.

Belden®, Belden Sending All The Right Signals®, the Belden logo, Grass Valley®, GV® and the Grass Valley logo are trademarks or registered trademarks of Belden Inc. or its affiliated companies in the United States and other jurisdictions. Grass Valley products listed above are trademarks or registered trademarks of Belden Inc., GVBB Holdings S.A.R.L. or Grass Valley Canada. Belden Inc., GVBB Holdings S.A.R.L., Grass Valley Canada and other parties may also have trademark rights in other terms used herein.

Copyright © 2019-2020 Grass Valley Canada. All rights reserved. Specifications subject to change without notice.