

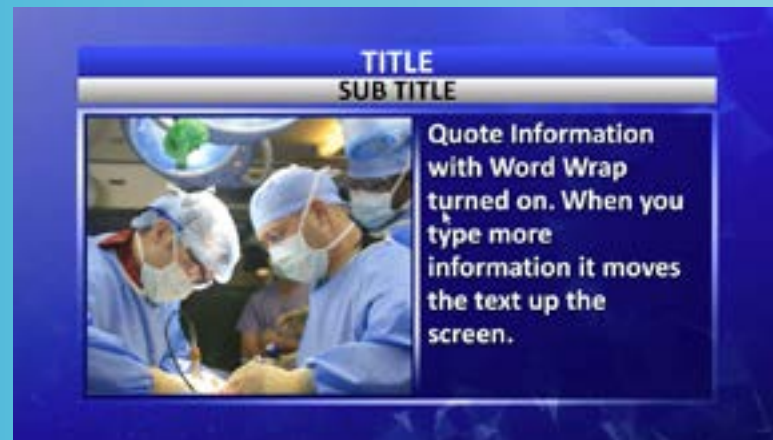
PRIME CG



Powerful authoring and playout tools enhance your production

MAXINE, SUPERSCRIBE DUET AND LYRIC

ChyronHego has a 50 year legacy of creating broadcast solutions. **From iNFiNiT! to Maxine, Superscribe to Duet and Lyric**, the name Chyron has been synonymous with broadcast graphics. PRIME CG Is the next generation real-time character generator and playout solution, it offers powerful 2D/3D real-time graphics playback, text, clips, and images.



PRIME CG is ChyronHego's character generator and playout solution, helping to bring ideas, information, and design to air, easily and affordably. PRIME CG offers powerful 3D real-time graphics rendering, intuitive authoring tools, and flexible playout to create and play to air sophisticated graphics like lower thirds, over-the-shoulder, news tickers, bugs, and more – in minutes. Whether your production covers sports, news or elections, real-time data and visualization is critical. PRIME CG's powerful data-binding to scene elements enables designers to easily create, and visualize data for real-time events as they unfold.

PRIME CG's modern architecture maintains an end-to-end HDR workflow and uses the newest technology enabling user-defined input/output configurations.

PRIME CG offers resolution-agnostic authoring and output rendering, so you can create graphics in any resolution (HD, 4K) or output in any format with no need for additional hardware.

KEY FEATURES



END-TO-END HDR WORKFLOW

PRIME CG maintains an end-to-end HDR workflow from design to output.



HIGH OUTPUT CHANNEL-DENSITY

PRIME CG high output channel-density effortlessly promotes the most demanding production needs, with support for unlimited layers on output.



ADVANCED KEYBOARD SUPPORT

Ideal for live entertainment and sports production, our Advanced Keyboard offers quick recall for scene authoring and manual playout mode. The configurable flex-keys allow for quick changes at the scene level, streamlining the operator's ability to make last second changes to graphics or text objects in queue for playback.



VISUALIZATION OF DATA

Powerful data-binding to scene elements provides easy visualization of data for showcasing real-time events as they unfold.



CONTROL POSSIBILITIES

For connectivity to major newsroom systems, PRIME CG integrates with AP ENPS, Avid iNEWS and Media Central, Dalet, Octopus, Ross Video Inception and SCISYS Open Media via the industry-standard MOS protocol

TECHNICAL SPECIFICATIONS

RESOLUTION	16 bit color, full 10 bit on SDI, 10 bit HDR on SDI. HDR (Hlg, SLog 3), 4K
FORMAT	SDI, Display-Port, DVI, IP 2110, IP 2022-6
NUMBER OF INPUTS/OUTPUTS	up to 8 HD-SDI bi-directional connections (inputs or outputs, V or K) and up to 4 in/4 out IP 2110/2022-6
GENLOCK	Bi-level, Tri-level
GPI I/O	Optional 16 I/O (8 in/8 out)
SERIAL CONNECTIONS	(2) DB9 RS232 Serial Ports. 2 RS232 to RS422 (Converters Included)
ETHERNET PORTS	2x 1G
NRCS	Connection to MOS via CAMIO (Dalet, Inews, ENPS, Octopus and more)
AUTOMATION	CII, Ross Talk, VDCP, PBus, Oxtel
PRODUCTION SWITCHERS CONTROL	Via AMP direct in-depth control via Grass Valley and Sony Switchers
CLIP PLAYER CHANNELS	8
CLIP RESOLUTION AND FORMAT	GTC, DNxHD / DNxHR, ProRes (4:2:2 / 4:4:4 / 4:4:4:4), QT Animation / PNG, H.264, SDCam / HDCam, MPEG 2 / MPEG 4, XDCam (**note: some wrappers not supported, please check with the sales team for details.)
DATA CONNECTION TYPE	ChyronHego's NewsTicker™, Chyronhego's SHOUT™ social media, Text Files, XML with XPath and XSLT, RSS, Web XML, JSON, EXCEL Access, any ODBC compliant data source, AP Web Feed, Google Sheets
DIMENSIONS	H - 3.5 in (89 mm) x W -17.2 in (437 mm) x D- 24.8 in (630 mm)
INTERNAL STORAGE	Lower Tier: System - 2 x 200 GB SSD (RAID 1) / Media Drive - Up to 4 x 800 GB SSD (RAID 5, 2TB usable) Higher Tier: System - 2 x 200 GB SSD (RAID 1) / Media Drive - Up to 4 x 400 GB SSD (RAID 5, 1TB usable)
POWER REQUIREMENTS	AC Input / 100-240V, 60-50Hz, 9 Amp Max / 3.2 Amps @ 120VAC Typical
OPERATING SYSTEM	Windows 10 Enterprise 64 bit

SERVICES

ChyronHego is known for its end-to-end customer service. We partner with our customers from the initial project design, to project management, training, on-air launch support and post-launch follow-up.

PROJECT MANAGEMENT AND COMMISSIONING

Project Management and Commissioning are part of the turn-key services that we offer. This ensures your investment is properly installed from Day One by a certified ChyronHego representative.

DESIGN AND OPERATION TRAINING

We offer Design and Operation training, either in your facility or via our on-line web portal. Our expert trainers can teach your staff the most efficient way to create and deliver stunning content for your productions.

EXTENDED WARRANTIES

Finally, all ChyronHego products come with a One (1) year factory-backed warranty (parts, labor & software upgrades). Extended Warranties on all your purchases can be added at any time for an annual fee. Please contact our sales professionals.

ABOUT CHYRONHEGO

ChyronHego is ushering in the next generation of storytelling in the digital age. Founded in 1966 as Chyron, the company pioneered broadcast titling and graphics systems. With a strong foundation built on over 50 years of innovation and efficiency, the name Chyron is synonymous with broadcast graphics. ChyronHego continues that legacy as a global leader focused on customer-centric broadcast solutions. Today, the company offers production professionals the industry's most comprehensive software portfolio for designing, sharing, and playing live graphics to air with ease. ChyronHego products are increasingly deployed to empower OTA & OTT workflows and deliver richer, more immersive experiences for audiences and sports fans in the arena, at home, or on the go.

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