

# Utah Scientific CiaB 400

Next-Generation Playout  
for Today's Hybrid Signal  
Environments

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No doubt, the broadcast and video operations of the future will run in an all-IP signal ecosystem. But in the meantime, how do broadcasters manage the inevitable switch to IP while preserving their decades-long investment in SDI baseband? It's a safe bet that SDI and IP signals will need to coexist in broadcast facilities for years to come.

No one understands these dynamics better than Utah Scientific. That's why we're committed to offering the industry's most advanced hybrid solutions for bridging the gaps between traditional SDI and IP signal processing. One of our newest solutions is the **CiaB 400** – a highly integrated and sophisticated channel-in-a-box (CiaB) system for broadcast scheduling, asset management, and automated channel playout.

## Pixel-Powered Automation and Control

Engineered by Pixel Power, CiaB 400 is perfect for driving automated playout of graphics, complete channels, or everything in between. CiaB 400 goes beyond traditional channel-in-a-box solutions to offer enterprise-standard, scalable transmission automation. Designed for hybrid environments, CiaB 400 handles every signal format from SDI to IP to 4K for delivery to web, mobile, and IPTV platforms as well as file-based outputs. The system brings new efficiencies to busy transmission environments by maximizing content-sharing across multiple channels, reducing workload and resource requirements, and enhancing consistent content delivery within a single operator.

## Speedy Time-to-Launch

Automation is central to the timely launch of a new channel. With CiaB 400, broadcasters can deliver new channels to air in days rather than the weeks required by conventional tools. By delivering integration "in the box," CiaB saves broadcasters from the traditional transmission chain problems by combining multiple functional units into a single system, supported by a single vendor.

## Significantly Lowered Costs

Working in tandem with the UTAH-Stream virtualized playout platform for IP workflows, CiaB 400 drastically lowers the capital expense of launching a new channel. Operational costs are also lowered, with less equipment to maintain and support, lower power consumption, less rack space needed, and less training required.

## A Tailored Playout Solution

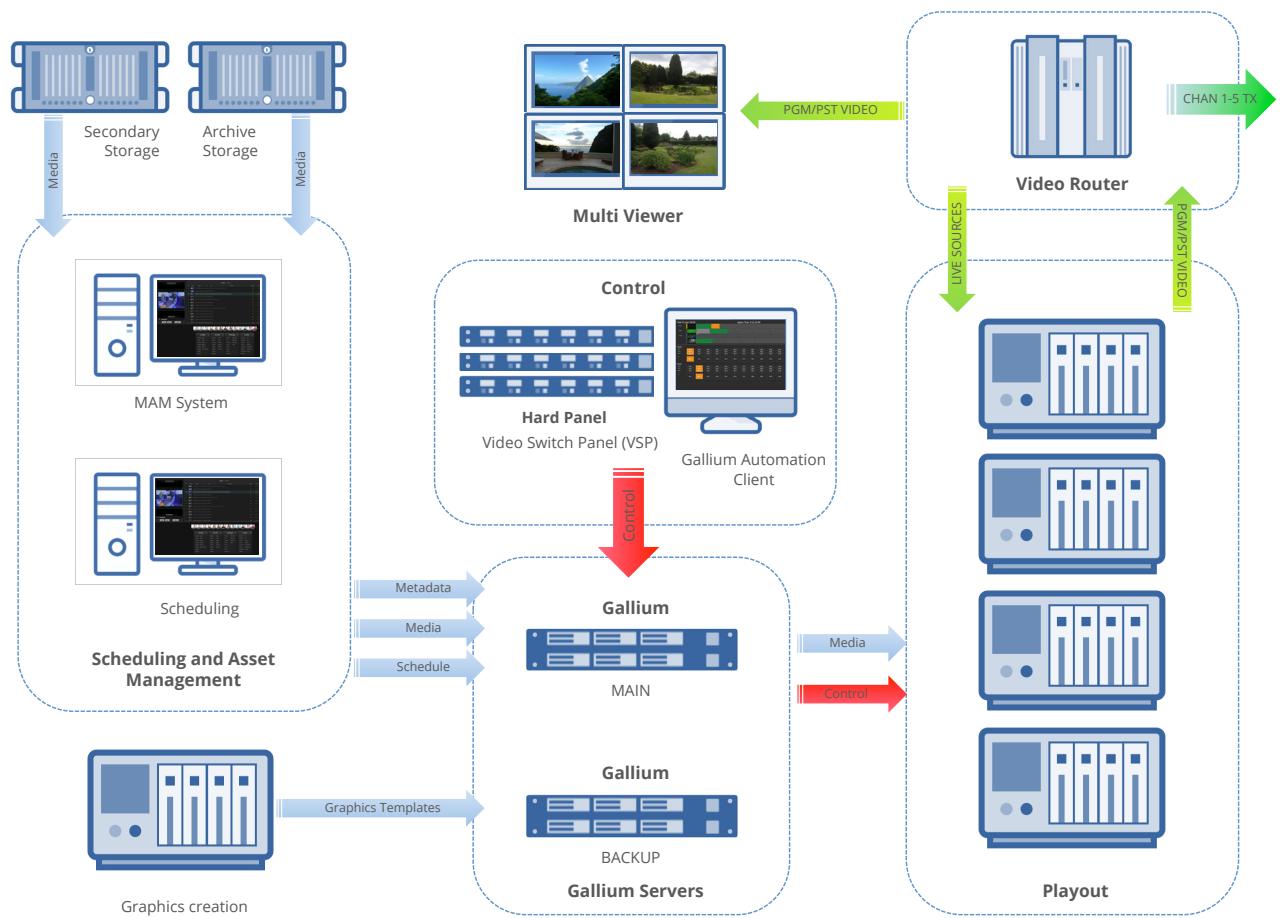
Built around a fully resilient SQL database, CiaB 400 can be tailored to drive virtually any playout environment – whether it's a simple single channel operation or a complex, multi-channel installation. Since it's based on Pixel Power's market-leading graphics engine, CiaB 400 offers precise control of graphical playout and delivers output quality unmatched by other automation systems.

## Backed by Utah Scientific

Of course, CiaB 400 is backed by Utah Scientific's 40-plus-year track record of providing leading-edge broadcast routing technology, including the broadcast industry's only no-fee, 10-year warranty.

## Benefits

- Scalable workflow, scheduling, and automation for single or multi-channel installations
- Precise and sophisticated playout control
- Multi-channel timeline playlist creation and execution
- Promote™ technology for automated branding and promotion
- Complete integration with existing storage, file- based QC, MAM, transcoding, traffic, automation, and subtitling systems
- Advanced redundancy and failover features



Specifications are subject to change without notice

**Warranty**  
10-year limited warranty, 24/7 service

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