NexSpec Accelerates Cloud-Native Media Processing with Telestream



BACKGROUND

NexSpec offers an innovative approach to digital media inventory and distribution supply chain by providing content owners direct access to essential SaaS software leveraging advanced media processing. With software built on open standards from industry groups like EIDR and MovieLabs, the company helps facilitate crucial post-production functions for Media and Entertainment organizations. Their NexSpec Warehouse solution enables secure storage, organization, and management of mezzanine assets, seamlessly integrating with a suite of best-in-class software tools.

THE CHALLENGES

As NexSpec prepared to launch its cloud-native platform tailored for the nuanced needs of the Media and Entertainment industry's distribution supply chain, the company faced several key challenges:

- **Cloud-Native Imperative:** NexSpec required a solution architecture entirely free of on-premises hardware, enabling deployment fully within the cloud for both their own operations and their clients.
- **Time-to-Market and Development Costs:** Developing home-grown, proprietary tools for transcoding, workflow orchestration, quality control (QC), and distribution would involve significant time and expense, delaying market entry.
- Need for Proven Technology: To ensure reliability and performance, NexSpec sought to license established, best-in-class technology solutions rather than building from scratch.
- Integration Requirement: The chosen solutions needed robust APIs to allow for tight integration with the NexSpec Warehouse inventory management system.



"Our prior experience gave us confidence in Telestream as a trusted partner and Vantage as a solution. Their seamless cloud deployment and API integration capabilities were crucial in enabling us to implement an effective system, empowering our staff and customers far more quickly than we could have otherwise."

Alex Otero CTO, NexSpec

THE SOLUTION

NexSpec evaluated several cloud-based solution providers before identifying Telestream as the partner capable of meeting all their requirements comprehensively. With its suite of cloud-based solutions, Telestream directly addressed NexSpec's requirements with Vantage, Qualify, and GLIM, forming a crucial part of the processing backbone integrated with NexSpec:

- Telestream Vantage Cloud provides powerful, scalable, and automated workflow management for complex media processing tasks. This includes file transcoding, media management, and packaging to ensure content meets diverse delivery specifications for various platforms required by NexSpec's clients. Built upon the Telestream Media Framework, Vantage Cloud has the largest matrix of decode and encode format support.
- **Telestream Qualify** delivers a comprehensive, automated QC process as an added check ensuring NexSpec's client's media assets meet required quality and compliance standards before distribution.
- **Telestream GLIM** enables browser-based media playback, allowing NexSpec clients to visually inspect and audit source content directly from the cloud as part of the QC process.
- **Robust APIs:** Telestream's flexible APIs were crucial, enabling smooth and tight integration between Vantage, Qualify, GLIM, and the NexSpec platform. This allows end-users to interact primarily with the familiar Warehouse interface while leveraging the powerful Telestream tools behind the scenes.



THE RESULTS

NexSpec is able to achieve significant advantages by partnering with Telestream:

- Accelerated Time-to-Market: Vantage, Qualify, and GLIM provide a mature, feature-rich solution set capable of handling complex media workflows significantly faster than NexSpec developing its own, saving crucial time and resources.
- **Cloud-Native Architecture:** The Telestream solutions allowed NexSpec to realize its vision of a fully cloudbased platform, offering scalability and flexibility to their clients without hardware constraints.
- **Best-in-Class Functionality:** NexSpec is able to deliver to their clients proven, industry-leading tools for transcoding, workflow automation, and QC, ensuring a high-quality, reliable service offering.
- Seamless Integration: The robust APIs enabled NexSpec to create a cohesive user experience, where clients manage assets primarily via Warehouse while leveraging sophisticated Telestream processing capabilities.
- Enhanced Efficiency & Scalability: The integrated solution provides an efficient, scalable platform capable of managing complex media processing and analysis workflows demanded by the Media and Entertainment industry.

"The complex media supply chain demands innovative and reliable tools. Telestream understood our challenges and delivered a comprehensive cloud solution with Vantage, Qualify, and GLIM that met all our requirements – something other vendors couldn't match."

Alex Otero CTO, NexSpec

THE FUTURE

The collaboration with Telestream, supported by their advanced cloud technologies and dedicated support throughout the integration process, is helping NexSpec deliver an innovative, cloud-native media processing solution. NexSpec is confident in the capabilities delivered by Telestream today and looks forward to future advancements as Telestream continues to migrate more of its proven solutions to the cloud.

and the substant is a later of the substant of

WAREFULLSE			OBJECTENOWSER	PROFILES EDITOR					Telest	ream operate	s behind th	e scenes	
C Edit: Meridian @				Meridian_Feature_UHDSDR_ProRes_2398_51_20.mov				×	in NexSpec's cloud-native platform via				
Joinson: Demo-1 Countries of Origin: (Inited States) Edit Use:								API integration to deliver automated					
ease Date: 2016-09-01	Production Countries:		Edit Class:	ID	Bucket	Storage	Online		API in	tegration to o	Jeliver autor	mated	
pect Ratio: 16.9		Spanisk French English	Made For Regio	45fbc26d-5770-4829-9303-d03835b67_	nx-usw2-testing-2	Standard	√ v		modia	a processing,	playback c	and OC	
ime Rate: 60		2m	made For Regio	File Size	Last Updated 2025-05-06 13:11	Upload Organization			media	a processing,	playback, a		
ne naie. 00	Kon Dengal.	2017	^	54.4 GB	2023-03-06 13:11	system	system						
Manifestations Produ	ict Metadata	Objects	Artwor	s3://nx-usw2-testing-2/adminstg/temp-r	ode/M/Meridian/Meridian_Fea	ture_UHDSDR_ProRes_2398_51_	20.mov						
) nx-usw2-testing-2 / 🔤 / 🖺 Meridian_F	eature_UHDSDR_ProRes_239	8_51_20.mov	-	Titles									
Name 个			Key	Licensor	Title								
Meridian_en-US_CC.scc			adminstg/temp-node	Demo-1	► Merida Stream	tri 1g: Grigónaf	2016						
Meridian_en-US_CC_Hr1.scc			adminstg/temp-node	+ Add Row									
Meridian_en-US_Full.itt			adminstg/temp-node		WAREHOUSE							e	
Meridian_en-US_Full_Hr1.itt			adminstg/temp-node										
Meridian_en-US_SDH.itt adminstg/temp			adminstg/temp-node	Movie Meridian							Mode 🖉 🖌	۰ 🛉	
Meridian_es-419_Full (AI Translation).itt			adminstg/temp-node		Licensor: Demo-	1	Countries of Origin:	United States	Synopsis: In 1947 Los Angeles, vetecan	Captain Mac Foster races against time when his	own detective vanishes alongside three of	ber	
Meridian_es-419_Full.itt			adminstg/temp-node		Release Date: 2016-0	9-01	Production Countries	United States	men. Drawn to a fog-shroude	d cliffside cavern, he uncovers chilling mysteries experience that's as captivating as it is unsettling	that defy explanation. Meridian delivers a	1 00	
Meridian_Feature_UHDSDR_ProRes_2398_51_20.mov			adminstg/temp-node		Aspect Ratio: 16.9		Original Languages:	Spanish French English		Merio			
					Frame Rate: 60		Run Length:	12m					
								_	^				
					Edits	Product M	Metadata	Objects	Artwork	Orders	Relationships	Activity	
	IC C	Previous 1 v of 1	Next > >I		Localized Info	English (US)	×	Locale: English (US)					
					Cast & Crew	Display Title 🔘		Sort Title 🔘		Summary 190			
					Ratings & Releases	Meridian Original Title		Meridian		In 1947 Los Angeles, the disappearance of fo an eerie discovery awaits	ir men, including his own detective, leads a	a police captain to a cavern wi	
					Ancillary	Meridian				Summary 400 @ In 1947 Los Angeles, veteran Captain Mac Fo			
					recality	Genres				In 1947 Los Angeles, veteran Captain Mac Fo other men. Drawn to a fog-shrouded cliffside a haunting, 12-minute film noir experience tha	cavern, he uncovers chilling mysteries that	defy explanation. Meridian de	
						Shorts Mystery Science	e Fiction			Summary 4000			
						Netflix Open Source 2016				Meridian is a genre-bending short film from N dreamlike narrative in just twelve minutes. Se Captain Mac Foster, a decorated war veteran	t in a shadow-drenched version of 1947 Lor	s Angeles, the story follows	
						Keywords				detective and three others vanish without a tr	ace.		
						Film Noir Open Source	Test Cortent LAPD			Foster's search leads him to a remote bluff al obscure something much deeper: a cavern th	ing the carifornia coast, where thick fog an at exists outside the boundaries of time an	no strange radio frequencies d logic. As he ventures further	

Specifications may be subject to change. All pictures are for illustration purposes only. Telestream®, Vantage®, GLIM®, and Qualify™ are trademarks or registered trademarks of Telestream, LLC. All other trademarks are the property of their respective owners. Copyright 2025 Telestream, LLC. All rights reserved.

