



Success Story

VIDEOHOUSE
m e d i a f a c i l i t i e s

Content

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01 _ General information

Sector: Production and Post-production services

Videohouse is a Belgian company and member of the Euro Media Group. Most of their activities are located in the city of Vilvoorde, where more than 300 employees are dedicated to media creative and technical services, ranging from Broadcast, Multicamera recordings, Satellite connections, ENG/EFP recordings, Production, Post-production to Live graphics, Playout and International news. Their coverage and registered contents include well-known shows and events like The Smartest Man in the World, Against the Stars, Eurovision contests, the Football World Cup (Brazil 2014) and the two last Olympics (London 2012 and Rio 2016).

02 - The challenge

Videohouse was initially looking for a replacement to their prior MAM solutions for their internal and external clients, so the platform had to have multi-tenant capabilities, like shared and dedicated storage, hardware and libraries. In other words, a proven, flexible and end-to-end MAM solution that also needed to be hardware-agnostic and web-based.

The flexibility requirements went beyond usual setups, as the solution also required functionalities like adapting to each client's storage (shared or dedicated and with different backup policies between online storage and tape libraries) and as being capable of setting up a large user management system (up to 20 managers and 100

clients) including individual or collective rights licenses. The multi-tenant capabilities also needed to adapt to each of the tenant's requirements, as well as to provide space for future additions.

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The current traffic and storage needs were already a challenge themselves, as the combined archive added up to more than 8 PB -that of course needed to be migrated to the new platform- and the traffic oscillated between 5 and 10 TB on a daily basis.
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extensive uses for metadata, mail notification for operational warnings, backend services monitoring and control from the dashboard, and comprehensive reporting capabilities – overall and dedicated reports for daily ingests and exports, including number of files and their amount, whether online or LTO.

Ingest needs likewise included local and remote features, automatic and manual ingest approval options, compatibility settings for a wide range of non-video files, hermetic containers for high resolution and proxy files and automatic triggers for basic quality control and other actions. On the other hand, export options had to be able to deal with high resolution and proxy contents as well as the possibility of frame-accurate partial exports.

02 _ The challenge

Finally, the selected MAM had be easily integrated with third-party solutions via API in order for them to be able to search directly in the database, quickly exchange metadata and trigger actions and notifications between each other. As usual, a dedicated and responsive training and support services were expected, as beyond technical requirements, Videohouse and the project's dimension required a reliable partner for the years to come.



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e s s p r o d u c t i o n

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VSN understands the complexity of moving and distributing content. Not only as a software provider, but also as a content owner itself. They think ahead as we do and they come up with the best operational solution; offering flexibility and new possibilities.

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Willem-Alexander Hameeuw

Project Manager at VIDEOHOUSE

03 _ The solution

After numerous meetings, onsite demos and even a Proof of Concept event at Videohouse facilities, VSN's team and technology proved to be up to the challenge, offering amongst other things a **fully web-based and a flexible management of multi-tenant storage and hardware capabilities.**

VSNEplorer was chosen to be Videohouse's new central media management software system, with a Multi-tenant MAM at its core. The Media Asset Management system was able to manage every media process, from ingest, quality check and cataloging to online management, local and online storage and easy integration with third-party systems. The system's web-based, customizable and scalable nature allowed to meet the critical multi-user requirements the project had perfectly.

03 - The solution

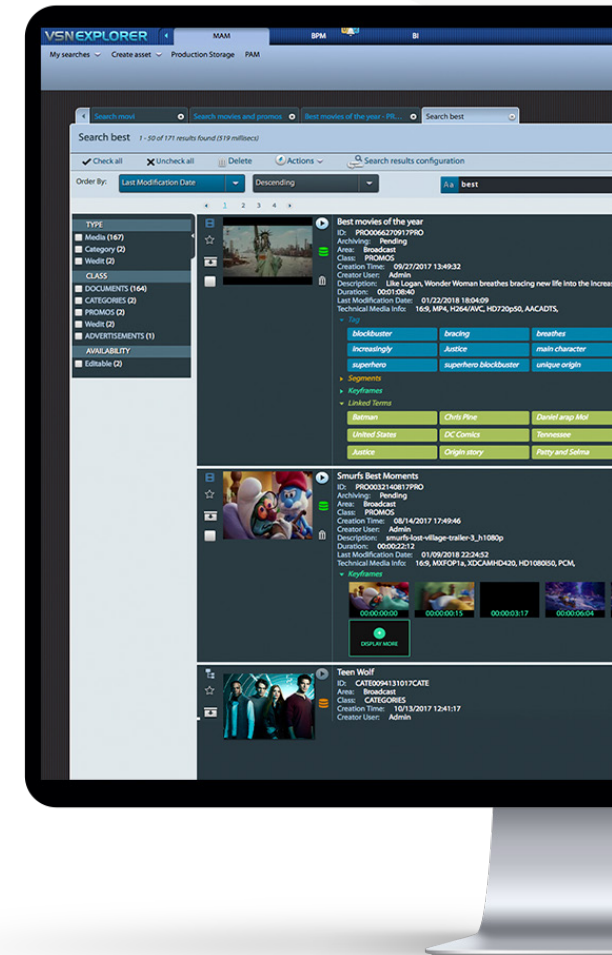
Automated & Secured

Above everything, the solution allowed Videohouse to comfortably automatize most parts of their daily operation, specially the ingest and export processes, both with media and metadata.

A basic system and setup were designed during the first stage of the project regarding all these content and metadata exchange workflows that every tenant can use, but they were also modified or adapted depending on the specific needs of each particular case.

On the other hand, a multi-tenant MAM implies by definition some security needs that the VSN team set up in order for each tenant to access a sealed part of the system, as every user can only have access to their assigned parts of the platform to complete the tasks and needs they have rights to perform.

Once the access through the platform was secured, on a more technical and IT level, storage access protocols also needed to be reviewed and narrowed down to be sure that content could not be accessed from outside of the platform, so even if the platform is accessible for many tenants from anywhere and at any time thanks to VSN MAM's web-based nature, their content has a layer of extra security.



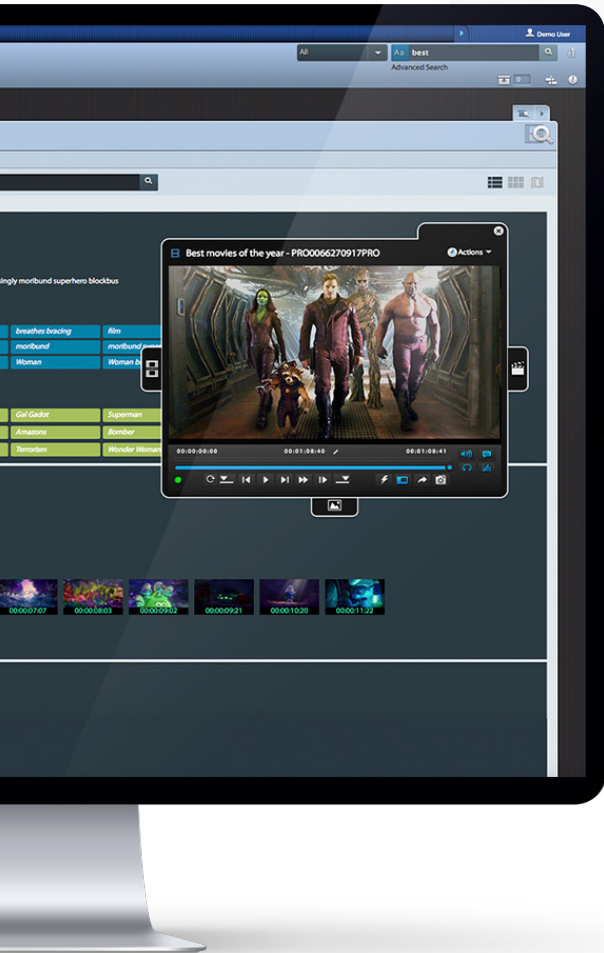
03 _ The solution

Flexible & Scalable

VSN's systems will allow Videohouse to expand the system easily and in a flexible way with new tenants and users as needed to VSNE Explorer MAM in future times, avoiding the need to set up a different platform with different specifications for every new opportunity.

The system can scale up by adding new servers (VSNWorkers) to manage more simultaneous tasks, or include new storage solutions integrated with VSNE Explorer, depending on the number of concurrent users or if there is a need to increase the volume of content to be managed.

Additionally, every tenant has access to the MAM's advanced player, which automatically adapts the quality to the available connection speed, allowing them to frame-accurately mark segments, support up to 8 audio channels and preview subtitles and closed captions.



03 _ The solution

Migration, Integration and future possibilities

The migration process to the new system is in good shape and still progressing through the considerable amounts of media to be migrated. As of May 2020, more than 3 petabytes (3000 TB) of Videohouse client's information have already been transferred to the new platform.

Regarding integrations, it is worth to highlight that in order to achieve maximum clarity and openness in the management of the deep-archiving workflows, VSNE Explorer was integrated with Spectra Logic Black Pearl. For accelerated transfer, a deeper integration with Aspera is currently under

development as of May 2020 and the current XML exchange integration with Videohouse's traffic system, Mediagenix Whats'On, can be enhanced in the future thanks to the ability of having VSNE Explorer player embedded in other solutions, as it has been already done with our own traffic system, VSNCrea.

Furthermore, the VSNE Explorer MAM platform did not come alone, as the solution also added extra modules to provide for Videohouse's future needs and expand their possibilities as far as possible: The VSNE Explorer PAM, a module created for production environments that allows to easy browsing, tracking and at-a-glance management

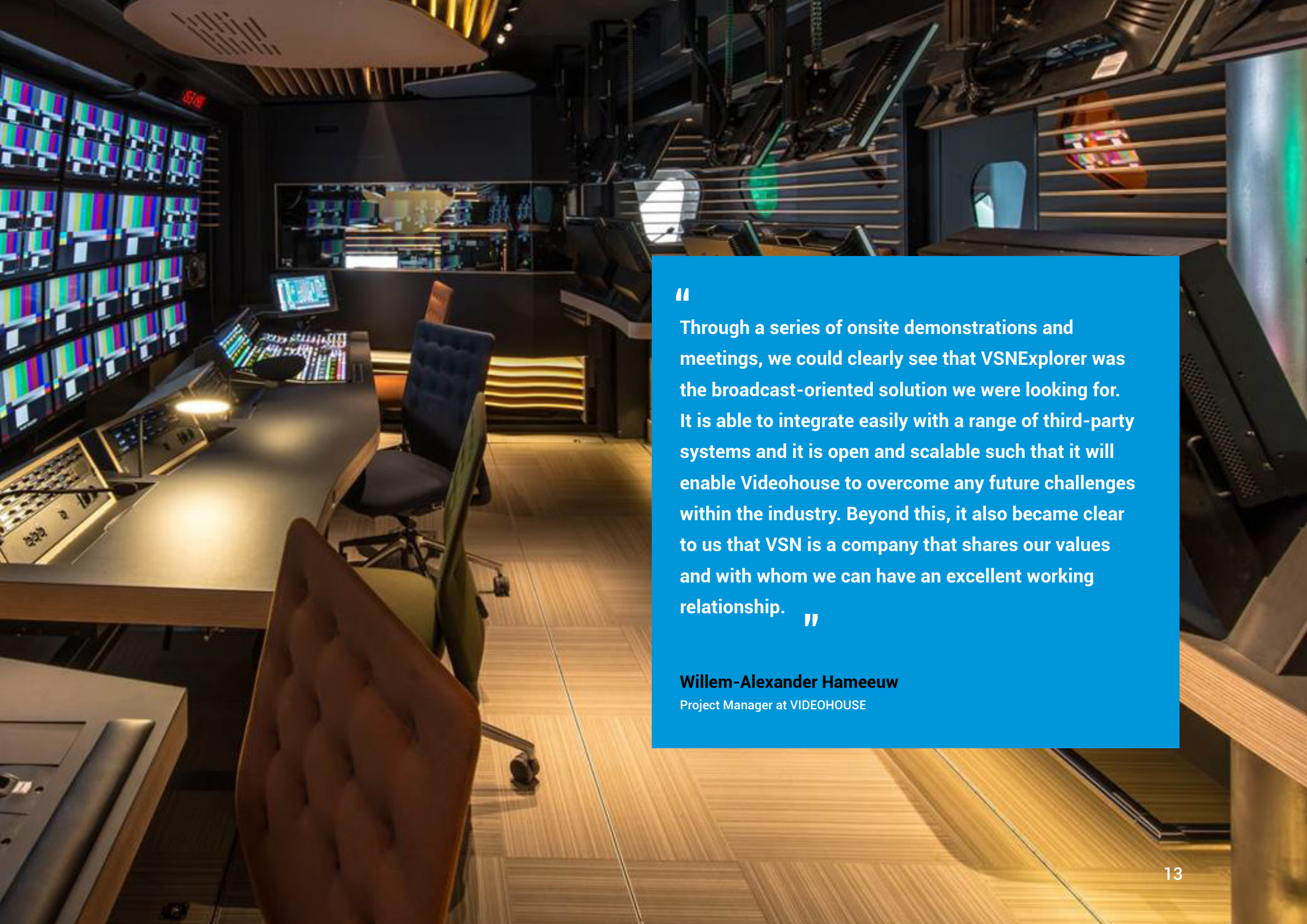
of all the projects, tasks and workflows whether completed or in progress; the VSNE Explorer BPM, which adds an orchestration layer for defining business process management workflows; and the VSNE Explorer BI, an advanced Business Intelligence layer.

04_ The conclusion

VSNEplorer proved to be the broadcast-oriented solution that best suited Videohouse's requirements, offering fully web-based and multitenant-dedicated storage and hardware capabilities.

Thanks to VSN's solution, Videohouse now has a sole repository for the safe and future-proof archiving and managing of their clients' media content while providing simple, efficient and reliable access, and will continue to do so in the coming years thanks to a flexible and scalable setup.





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Through a series of onsite demonstrations and meetings, we could clearly see that VSNE Explorer was the broadcast-oriented solution we were looking for. It is able to integrate easily with a range of third-party systems and it is open and scalable such that it will enable Videohouse to overcome any future challenges within the industry. Beyond this, it also became clear to us that VSN is a company that shares our values and with whom we can have an excellent working relationship.

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Willem-Alexander Hameeuw

Project Manager at VIDEOHOUSE



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VIDEOHOUSE
media facilities

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