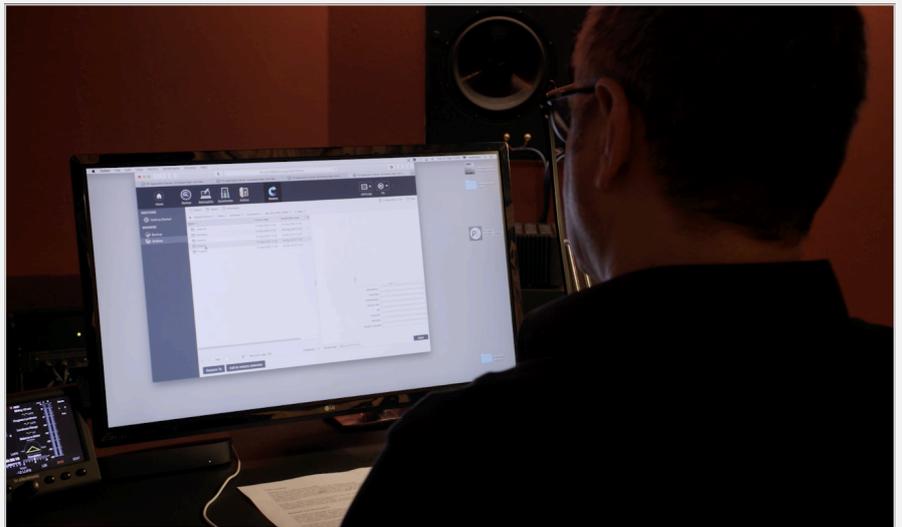


Archiware P5: Case Study

# MSM Studio Group - Mastering

Integrated solution from Starline and Archiware accelerates MSM Studios' workflow

“ What was important to us now was a performance and capacity increase for video editing in 4K and higher, flexibility, archiving on LTO tape and very good service. The continuation of Archiware P5 was a prerequisite. We found all of this with Starline. In addition, Starline offers individual configurations of professional storage according to customer requirements. Comprehensive support up to 24/7 is also important in our production environment. ”



The spectrum of prominent productions that are processed and refined daily at the MSM Studios in Munich ranges from Sara Brightman and Herbert Grönemeyer to Peter Maffay, Gregory Porter, Marius Müller Westernhagen and Yellow, from Leonhard Bernstein to John Williams and Herbert von Karajan.

Whether DVDs, CDs or Blu-rays, whether recording, post-production, editing, color grading or authoring, everything can and will be handled here at the highest level. Television stations, film and record companies, advertising agencies and corporations entrust their productions to MSM Studios. Numerous productions have already received awards such as the Echo, Opus or Grammy, and MSM itself has received the Innovation Award for Bluray Authoring.

MSM Studios are frequently also pioneers and developers of new formats and solutions, such as PureAudio and Immersive Audio. As the first studio in Europe to be certified for Dolby Atmos Home, there are repeatedly reference and measurement tasks to work on.

**DISCOVER MORE ABOUT MSM STUDIOS AND STARLINE:**

**MSM Studio Group**  
www.msm-studios.com

**Starline Computer**  
www.starline.de



## Archiware P5: Case Study

An all-in-one device with integrated LTO drive proved to be the best solution. Savings of a separate server and rack space as well as reduction of cabling are among the advantages of this solution.

Starline's development work on FreeNAS has enabled LTO tape and cloud use for backup and archive with Archiware P5. P5 offers disk, tape and cloud storage as options for backup and archive, enabling all storage strategies.

At MSM Studios, Archiware **P5 Backup** automatically handles the backup of daily production. P5 has proven itself as a backup solution for many years.

Long-term archiving of all MSM productions is done on LTO tape, the cheapest and most durable professional storage medium. MSM has been using Archiware for 15 years and has written hundreds of LTO tapes with it. Many times in the past, **P5 Archive** has helped to easily find and restore previous productions.

All FreeNAS systems are assembled in house at Starline prior to shipment. In-house support technicians test the systems extensively before shipping.

Successful support is part of Starline's company philosophy - for important systems even day and night within four hours (24x7x4). The all-in-one solution with an integrated LTO drive and Archiware P5, fast network connection, large storage capacity and quiet fans optimally supports the demanding workflow in the MSM studios and enables many tasks to be completed more quickly.

**Learn more about Starline, FreeNAS and P5:**

<https://p5.archiware.com/solutions/starline>



## THE SETUP

- ✓ Video editing, post production and grading on 3 WS
- ✓ Bluray authoring and encoding including UHD Blurays, Dolby Atmos at 3 WS
- ✓ Audio production and post-production: Voice Recording, Mixing, Mastering
- ✓ 3D Audio/Immersive Audio Dolby Atmos certified studio, all immersive formats, Fraunhofer MPEG-H
- ✓ FreeNAS with 10Gbit network connection, integrated LTO drive
- ✓ WD 18TB HDs, LTO drive, Archiware P5 server for backup and archive

## P5 AT A GLANCE

**P5 Synchronize** - Clone data for immediate availability

**P5 Backup** - Save server data to disk, tape and cloud storage

**P5 Backup2Go** - Collect workstation backups on a central repository

**P5 Archive** - Migrate data to a mini-MAM and long-term storage

# ARCHIWARE

**Archiware GmbH**

Sonnenstr. 27

80331 Munich, Germany

[sales@archiware.com](mailto:sales@archiware.com)

[p5.archiware.com](https://p5.archiware.com)