

SigiSTAR Cluster



Highest system availability

Today still stores, character generators or clip and video server will be often used together with newsroom or automation systems. Main applications are live productions like news. These actual productions have to use newest information, which often are available a very short time before the broadcast will start. If a short time before or during a news production one of the used video systems crashes, there is no time for a new transfer of the necessary media to a spare system. The media are not available in time for the running production and cannot be used.

SigiSTAR Cluster was designed to resume the production immediately without any time delay. A SigiSTAR master system can be assigned to a slave system. SigiSTAR Cluster Server is monitoring all media on the master system. After a transfer of new stills or clips to the master system the same data will be replicated to the slave system. Data changes or deletes on the master will be handled and the according information updated on the slave, too. Play lists and other system specific data on the master will be synchronized with the slave. Data will not only be copied. Links to the corresponding media will be checked and adapted to the slave system if necessary.

If the master system fails, the production can be switched to the slave system und the production is able to continue immediately without any delay.

Master and slave systems can be used in SigiStudio software as independent devices. If the SigiSTAR systems are connected with newsroom or automation systems by a SigiStudio MOS-Server, the contents of the MOS-Pools will be replicated, too. After a switch to the slave system and activating a play list / running order using the MOS-protocol, the links to the MOS-objects with corresponding MOS-IDs will be adapted automatically.

Important features

- SigiSTAR master and slave systems will be synchronized by the SigiSTAR Cluster server
- After activation of data cluster there will be a full system replication. Afterwards the changes will be updated in a user definable time interval
- All media in SigiSTAR devices at the slave system will be synchronized with the corresponding media at the master system
- Play lists or other system data like e.g. effects will be replicated, too. The data links will be adapted automatically to the media copies of the slave system
- Opt. MOS-Server synchronisation
- MOS-Pools will be replicated
- MOS-IDs of MOS-objects will be automatically adapted on the slave system
- SigiSTAR Cluster server can be installed at the slave, master or a independent server system

