



## Digitization & Media Archiving Solution

Within the scope of the BMBF-funded project **ValidAX** an archiving solution based on professional capture devices has been set up at the Chair Media Informatics of the Chemnitz University of Technology. This solution enables the automatic ingest of different video tape formats such as Betacam, VHS, S-VHS, DV, and MiniDV. For this purpose, multiple video cassette players are charged by our own designed tape robot system. Furthermore, the system captures and digitizes the analog formats in real time.

In conjunction with the framework AMOPA, the processed media are enriched with metadata directly. The Media Management organizes the relevant media files in order to coordinate both their reliable storage and the flexible transcoding and distribution of the data. An optimal security for the accumulated data is guaranteed by the modular and extensible storage system. In this context we use online-, nearline-, and offline-copies to ensure that the danger of data loss is kept to an absolute minimum. Subsequently, the archived audio-visual media can be accessed via web services in order to organize or distribute them.

All working steps of the archive-workflow are monitored and controlled by our self-developed control unit software.

### Ingest

