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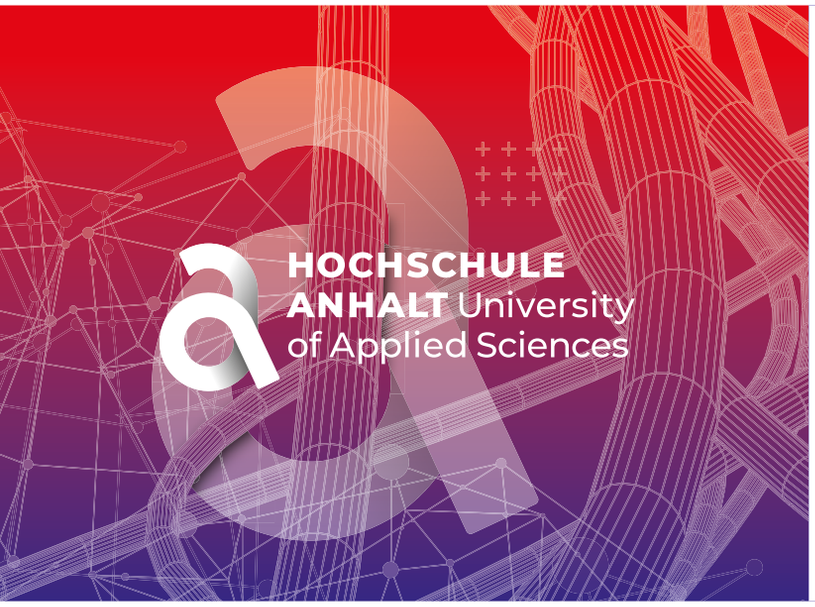
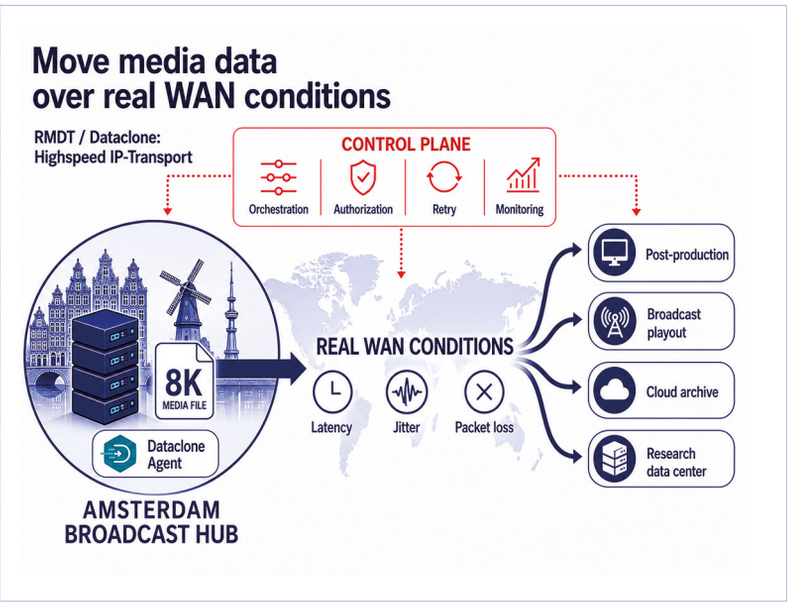
Move large media data over real WAN conditons





RMDT / Dataclone: Fast, reliable media transfer

Media workflows move large files between studios, archives, broadcasters, cloud services, research sites and partners. Existing links often lose effective bandwidth when distance, latency, jitter, packet loss affect conventional tools.

RMDT is a UDP-based transport for high-capacity WAN paths where TCP tools such as SFTP, rsync, or FTP lose efficiency under real conditions.

Dataclone adds the on-premise workflow: agents run on customer systems, payload moves host-to-host, and the control plane handles orchestration, monitoring, retry, and API integration.

Why it matters?

Use existing IP infrastructure: Standard IP; no multicast, special routers, or proprietary network hardware.

Move payload directly between agents: Control coordinates the job; media files flow host-to-host.

Operate transfers as a workflow: Browser operation, retry, history, scheduling, monitoring, API integration.

Prepare for distribution scenarios: Point-to-point and point-to-multipoint support replication and synchronized delivery.

Relevant IBC workloads

8K, RAW, and large media file transfer

Remote post-production exchange

Archive and disaster-recovery replication

Broadcast, playout, and media-distribution workflows

Cloud, on-premise, and hybrid media movement

Research, simulation, and technical data transfer

Package, firmware, or content distribution to several sites

Research-backed design

RMDT comes from Future Internet Lab Anhalt research. Dataclone brings it into an on-premise transfer product for media, archive, infrastructure, and research workflows.

Kontakt

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