

# Dalet News Suite

The End-to-End SD and HD News and Sports Production system



Dalet News Suite makes video ubiquitous across the newsroom and facilitates news production.

## Everything You Need for Tapeless News and Sports Production

Dalet News Suite manages the entire news production workflow in a single comprehensive system. At the core is DaletPlus, a media asset management and workflow engine purpose-built for 24-hour news and sports programs. Powerful user rights management, and comprehensive editorial statuses, job assignments and notification features are integrated across the Dalet News Suite highly configurable workflow.

## Flexible, Modular, Scalable

Modular in design the Dalet News Suite ingest, produce, playout and archive capabilities can be customized to fit any news and sports workflow. The system can also integrate existing broadcast equipment. Use the full featured newsroom computer system Dalet Newswire or connect to an existing MOS compliant NRCS. Plug into the corporate back-office infrastructure and benefit from the lower total cost of ownership with highly optimized media workflows. Completely scalable, the modular Dalet News Suite design enables broadcasters to add new modules and implement new functions as workflow requirements change.

## 5000 Dalet News Suite Seats Backed by Dalet Professional Services

With over 5000 workstations deployed, the proven Dalet News Suite solution powers production workflows for a wide range of broadcasters. Smaller stations such as CITI TV in the Ukraine, larger organizations such as BBC Arabic, to enterprise operations like Russia Today rely on Dalet News Suite. Dalet Professional Services works with broadcasters to design and deploy their systems whether they are building a new channel or re-engineering existing workflows.

### Key Features

- Editorial driven workflow and metadata management
- Centralized ingest management
- News playout automation with secondary events
- Edit native or proxy resolution while recording
- Full featured Dalet NRCS
- Integrated archiving capabilities
- Wide range of integrated 3rd party systems
- User rights, notifications and task assignments

### Benefits

- Customize workflows to production requirements with highly configurable DaletPlus workflow engine
- Never lose metadata. DaletPlus MAM intelligently tracks and maintains metadata
- Completely scalable. Modular design enables easy adoption of future workflows
- Minimize training and maintenance by standardizing user interface and system administration across the operation
- Proven technology

## Walk Across the Workflow

### SCHEDULE



Sophisticated collaborative rundowns and fully featured newsroom

### SD/HD INGEST



The centralized ingest offers a variety of integrated tools to acquire many different sources

### PRODUCTION



Simple-to-use Dalet News Suite editor enables journalists to quickly assemble packages

### PLAY-OUT



Dalet News Suite Playout capabilities are natively integrated for better collaboration between studios and newsroom

# Dalet News Suite product features

## Media Asset Management

- Fully configurable multimedia metadata schemas
- Manual and automated metadata input
- Cross media search engine
- Simple and advanced search
- Task assignment, notifications
- Flexible editorial statuses and workflow control
- Automated back-office engines (transcoding & media migration)
- Advanced user rights management
- Interface with Microsoft Active Directory

## Video Format Support\*

- DV25, DVCPro25, DVCPPro50, IMX30, 40, 50, and MPEG-2, MPEG-4
- HDV, XDCamHD, DVCPProHD
- Proxy formats: mpeg and windows media
- Quicktime and MXF wrappers
- \*Exact workflows may vary depending on format and device integrations

## Ingest

- P2, XDCam, Firewire
- Centralized ingest – real time control from any workstation

- Schedule ingest and crash recording
- Feed and VTR based ingest
- Video server control as well as IT based ingest
- Loop recording
- Automated Router control

## Logging

- Customizable time-coded metadata
- Manual and automated logging
- Scene change detection
- Simple mark-in mark-out functions
- Custom locator types

## Editing

- Designed for journalists Edit while record
- Collaborative clip bins
- Flexible audio editing
- Voiceover recording with dynamic audio compression
- Seamless integration with Apple and Avid
- Effects and transitions designed for news

## Play-out

- A Roll, A/B Roll or A/B/C/D Roll
- Automatic CG play-out control

- Secondary events
- Live assist or automated play-out
- Support of live events and channel assignment
- Play-out while rendering

## Archive and distribution

- Interface with standard HSM systems
- Partial file retrieval
- Automated archive and retrieve
- Automated export of media and metadata to multimedia platforms
- Flash, web and mobile phone automated conversions

## Wires and Newsroom

- Support for NewsML, ANPA and IPTC formats, with automatic categorization
- Automated notifications
- Powerful planning tool
- Advanced timing management
- On Air show time tracking
- Support of multi level rundowns
- Custom rundown views
- Live update of prompter, graphic and video play-lists
- MOS compliant
- Scripting
- Rich text formatting

- Advanced timing management
- Seamless insertion of videos and secondary events
- Story templates and story assignment
- Dual column script editor
- Support of place holder workflow
- Integration with Graphic systems
- Auto save and auto versioning

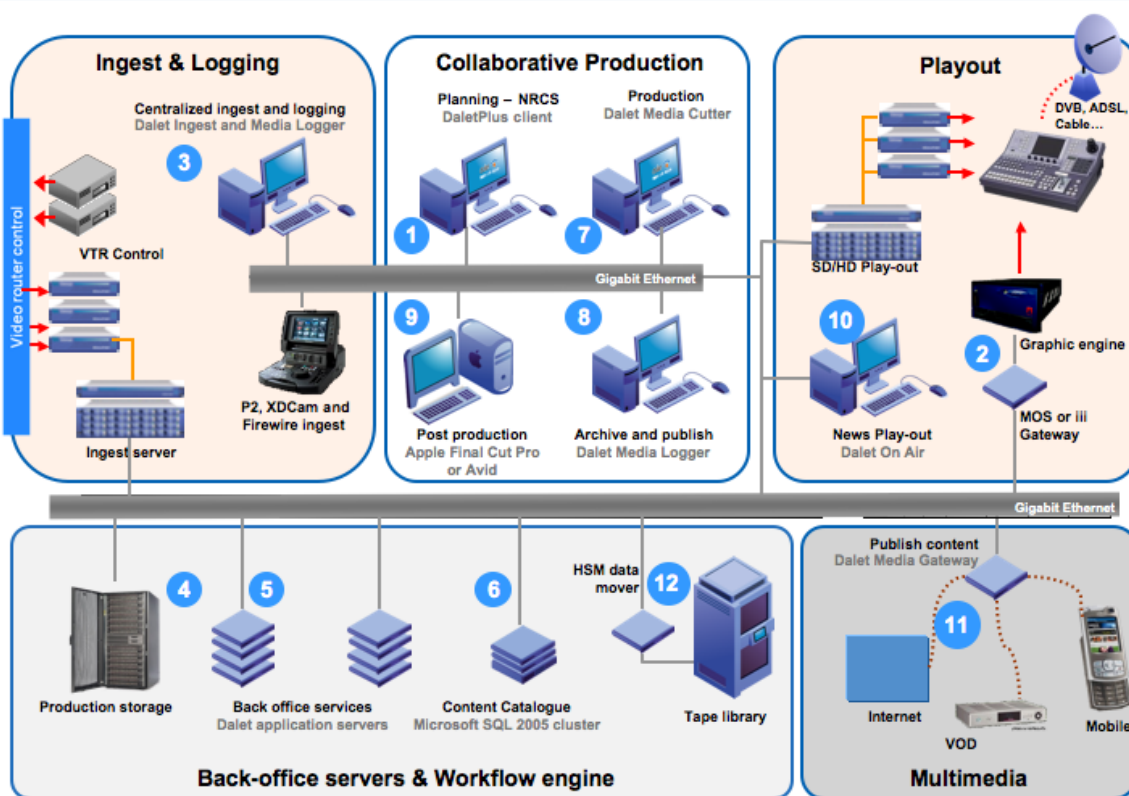
## Third-Party Integration

- Extensive support for graphic systems, still stores and prompters
- MOS compliant newsroom systems
- Support of standard protocols such as MOS, iii, XML, SOAP, as well as dedicated proprietary protocols

## Architecture

- Dalet Dashboard; full-system control and monitoring
- Robust n-tier client-server architecture – resilient
- Microsoft SQL Server 2008 cluster
- Microsoft Windows Server 2003 R2
- Microsoft Windows XP workstations
- Web clients (optional)
- Optional backup system

## workflow overview



From Dalet workstations (1), journalists and editors can manage event and news planning, build rundowns and write scripts thanks to Dalet collaborative NRCS (or MOS compliant NRCS). CGs can be added in the scripts via integration with standard 3rd-party graphic systems (2). Video place-holders are automatically created in the production area and dynamically published. Multiple sources, such as live feeds, tapes, XDCam and P2 can be ingested from any Dalet Ingest and Media Logger workstation (3), in multiple video formats. High resolution material is automatically transferred to a production storage (4) thanks to the back office application servers (5) while material is being recorded, and referenced in the Dalet Content catalogue (6). Any user can access the ingested material while it is being recorded from their Media Logger workstation (1, 7, 8) for logging and shot selection, as well as from their Media Cutter (7) workstations for editing. Material is also accessible from

Apple editing workstations using Dalet Xtend (9), material can also be sent to other editing stations such as Avid. Material is played out using Dalet OnAir (10) for live assist or automated back to back play-out.

Content can be repurposed for multiple platforms, such as VOD, Web or mobile portals thanks to Dalet Media Gateway (11). Finally, the system can be connected to a HSM system and a tape library (12) to move high resolution material to a more cost effective archive storage, while a proxy resolution is kept on-line for browsing. A powerful administration interface is available to design workflows, user rights, metadata schemes, migration/conversion rules, and more.