

# dalet • a.n.n

OpenMedia Systems



**Dalet a.n.n** is at the forefront of software solutions designed to enhance the value of audio and video media assets for Radio and TV broadcasters.

In our 12-year history, we have transformed many organizations which once relied upon paper, tapes, and proprietary systems, into modern all-digital operations. We do this by providing standard, IT-based media asset management solutions that are capable of managing vast quantities of multimedia content. Over 1,700 customers worldwide have benefited from the value and cost efficiencies associated with our open, integrated approach.



PARIS



MUNICH



NEW YORK

## Worldwide Presence

Local, multilingual service and support is the hallmark of our group. Over 170 employees are divided among our three main offices in New York, Munich and Paris and seven additional offices including Dubai, London, Madrid, Milan, Singapore, Sydney and Washington DC. A network of partners and distributors provides additional coverage and customer support in over 60 countries. Dalet has been a publicly traded company on the Euronext Paris Stock Market since June 2000. Dalet counts among its financial investors Windcrest Partners, Smith Barney-Citigroup (US), LCF Rothschild and Galileo (France).



### Our Commitment to Service

With over 12 years of experience in the broadcast industry and more than 50,000 users worldwide, we understand the broadcast business and the advantages of digital. We leverage on the "best practices" gained from hundreds of successful installations in Radio and Television. Our staff includes a mix of highly experienced professionals from both the broadcast and IT worlds. Dalet's commitment to quality service commences with a thorough requirements analysis and project definition. With 60 R&D engineers, Dalet a.n.n has one of the largest R&D labs in the industry, producing software for professional broadcast systems.

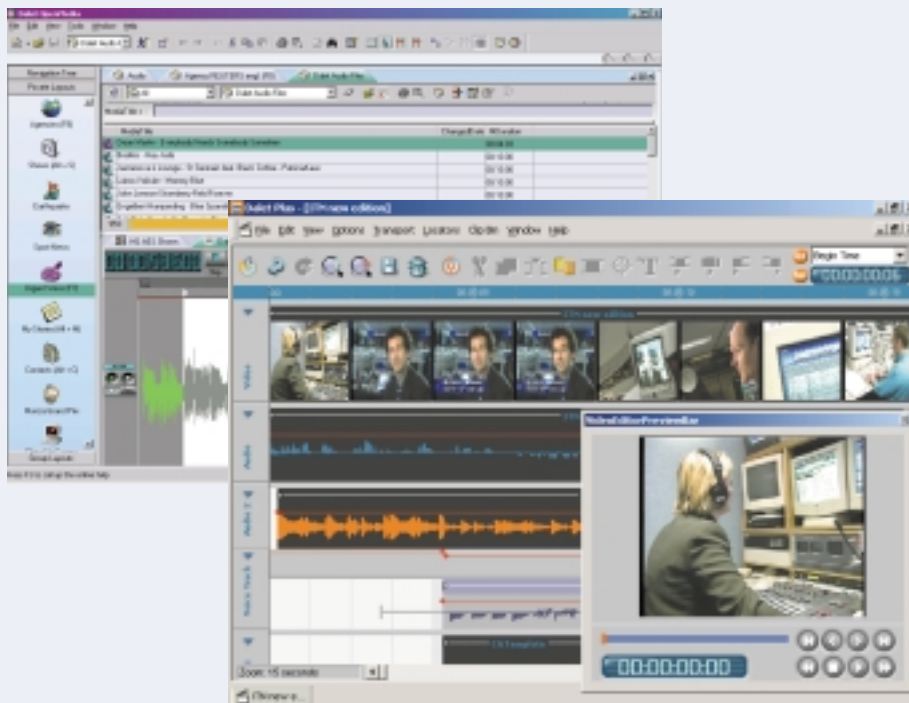
### Dalet Media Lab

Dalet Media Lab, a state of the art training facility, assists clients with the challenges and opportunities of technology implementation. Our training staff, combined, has more than a decade of experience in broadcasting and content management. Our training programs achieve real results by building a clear path through complex technology transitions. They empower users to make full use of our cutting edge software. Dalet Media Lab references include BBC, Czech Public Radio, EMAP, NRK Norway, Radio France International, RFM/Europe 2, Swiss Radio International, Voice of America, WorldSpace, XM Satellite Radio.



# Media Asset Management Solutions

Our solutions encompass a wide range of tasks and activities - from content acquisition to editing, to publishing and multi-channel delivery over radio, TV, digital TV, streaming, web portals and interactive media.



## Simplify Digital Assembly

Simple-to-use desktop tools for video, audio, and text production means that anyone with basic PC skills can easily produce content and programs from scratch. Examples of the tools provided include access to live news wires, Internet browsing, recording and editing interviews, scheduling program rundowns and broadcast automation. Centralized storage, fast networking, and shared access by authorized users streamline team collaboration and media management.

## Technology Enables New Business Opportunities

- Efficiencies in the production lifecycle: spend time creating, not re-creating
- Marketing and brand management through better editorial control
- Selling content through new media channels
- Additional services to audience for a limited cost increase
- Financial tracking of operations



## Enterprise-wide Solutions

Our systems are fully scalable, ranging from single user to several thousands. Several million multimedia objects can be stored on a single system. Many organizations assemble, create, and broadcast their content among multiple sites. We have implemented unique architectures for sharing information and managing workflow among several hundred users located in different sites.

## Standard IT-based Systems

We operate in an open-IT environment allowing customers to break from closed, expensive, proprietary solutions that limit their scalability and productivity. Native use of standards such as XML and J2EE (Java 2 Platform Enterprise Edition) allows for easy integration with existent legacy and 3rd party systems. The unique 3-tier, high performance architecture of our systems ensures fault tolerance, full redundancy, and scalability.



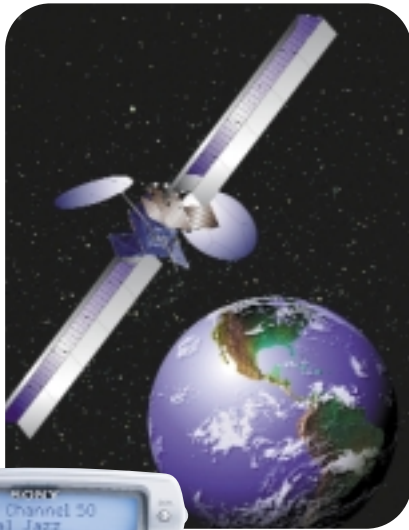
## ARD Tagesschau, Germany's most popular news program

ARD Tagesschau is Germany's most popular TV news program with over ten million viewers. Twenty two newscasts are produced daily from its studio in Hamburg. Dalet a.n.n. provided a complete range of professional consulting and training services for 250 journalists to ensure integration with 3rd party systems and optimize end-user productivity.



## VOA, 800 workstations connected to a multi-terabyte server

Voice of America has 90 million listeners around the world that tune in to hear one of the 54 languages that are broadcast daily. VOA needed a robust digital solution to easily handle over 700 hours of programming every day. The 800 Dalet a.n.n workstations connected to a multi-terabyte server farm allow VOA staff to easily access a common database of material and produce programming that is unique for each of its language services.



## XM

XM Satellite Radio is the first commercial digital satellite radio service offering 100 digital channels of music, news, and talk programming across the US. To take on the Herculean task of managing over 2 million titles, more than 250 Dalet a.n.n workstations are simultaneously producing, scheduling and playing out content.



## SWR, newsroom of the future

SWR, the second largest station of Germany's public broadcasting network ARD, is implementing a state-of-the-art TV digital newsroom. The Dalet a.n.n newsroom supports the complete workflow and integrates video servers, character generators, still stores and an automation system providing one application interface to journalists.



## Weather Channel

The Weather Channel has chosen Dalet a.n.n to power an Internet-based distribution system that allows affiliates to view customized weather updates and download a broadcast quality audio weather forecast.



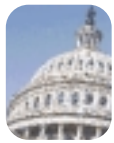
## France Télévision Interactive

France Télévision Interactive, the multimedia department of the French public television, uses Dalet a.n.n multimedia content management platform to produce the Internet portals for France2 and France3 television networks.

## NY's Hot 97 rocks with a Dalet a.n.n solution

Emmis operates three top rated radio stations in New York City - Kiss-FM, Hot97, and CD101.9. Dalet a.n.n integrated the operations of all three stations into a single system.

All content is acquired, produced, programmed and broadcast with a tremendous degree of speed, flexibility and efficiency.



## US Senate, video asset management

Video recordings of Senate proceedings are digitized into a Dalet a.n.n Media Asset Management (MAM) system. Staffers can search and retrieve - right from their desktops, desired recordings with extreme ease. The system also automates the scheduling and broadcasting of material over an internal Senate TV channel.

## NDR, multi-site TV & radio newsroom

NDR, member of the ARD network, covering the northern part of Germany, uses a Dalet a.n.n newsroom for its operations in all of its sites. These include Hamburg (600 workstations), Schwerin (400 workstations), Kiel (400 workstations), Hannover (600 workstations) and the radio operation in Hamburg are scheduled to follow later in 2002, and beginning of 2003.

## Danmark Radio (DR), 450 digital audio workstations over 11 sites

Every week, 84% of the Danish population watches DR TV and 85% listens to DR Radio. DR needed a solution that would allow for centralized management (in Copenhagen) with access throughout Denmark; news and music programming is produced and broadcast through 450 Dalet a.n.n workstations deployed over 11 sites. A central server farm connects to these workstations over a 155 Mbps ATM network, allowing any user to access the latest updates and programming.

## Radio Netherlands, 150 journalists update website 96 times a day

Radio Netherlands is the fifth largest international broadcaster in the world with radio programs in six languages (Dutch, English, Spanish, Portuguese, Indonesian and Papiamentu) and multilingual on-line news. In order to provide the latest information at all times, Dalet a.n.n's digital newsroom system automatically updates this information every 15 minutes, 96 times a day.



## WorldSpace

WorldSpace is the sole provider of wireless satellite digital audio and multimedia to Asia, Africa, South America, and the Middle East. WorldSpace has selected Dalet a.n.n. to implement a digital audio system using a unique distributed network that interconnects their facilities in Washington DC, Johannesburg, and Singapore and enables them to produce 100 channels of programming.

# Over 1,700 customers use our system every day

"Dalet a.n.n software is the heart of our platform. Students and faculty will use Dalet a.n.n Audio and Video tools for digital editing, and Dalet a.n.n's News will manage the Associated Press wire."

**Washington and Lee University, USA.**



"It works out very, very elegantly"  
**Brent Bass, Weather Channel.**

"The implementation of Dalet a.n.n. at ARD-aktuell is a complete success. It enables editors to fulfill complex tasks very easily and ensures a high degree of reliability and security".

**Dr. Bernhard Wabnitz, First Editor-in-Chief at ARD-aktuell, Germany.**

"The Dalet system enables journalists to produce more content in a shorter amount of time".  
**Nicolas Wheeler, Chief Editor of ITN Radio.**



"Dalet a.n.n data exchange system allows remote users to contribute content from anywhere in the country increasing speed and flexibility"

**Julio Collado, IT Manager, Cadena SER , Spain.**

"We looked on the market and realized that Dalet a.n.n offered the only digital audio system that would give us the flexibility we needed to set-up the Arabian Radio Network."

**Mr. Mekki Abdulla, MD of NWM - Managers of ARN, Dubai.**



Government of Dubai  
Department of Tourism  
And Commerce Marketing

Dubai Department of Tourism and Commerce Marketing (Dubai-DTCM) and the French Ministry of Foreign Trade awards Dalet with "Trophée de l'Investissement - Avenir Export".



[www.dalet.com](http://www.dalet.com)