

White Paper

RapidSports Hub

Speed. Reliability. Control.



High-Performance Media Ingest & Logging with Media Asset Management & Collaborative Editing
Games. Ingest. Log. Edit. Distribute.

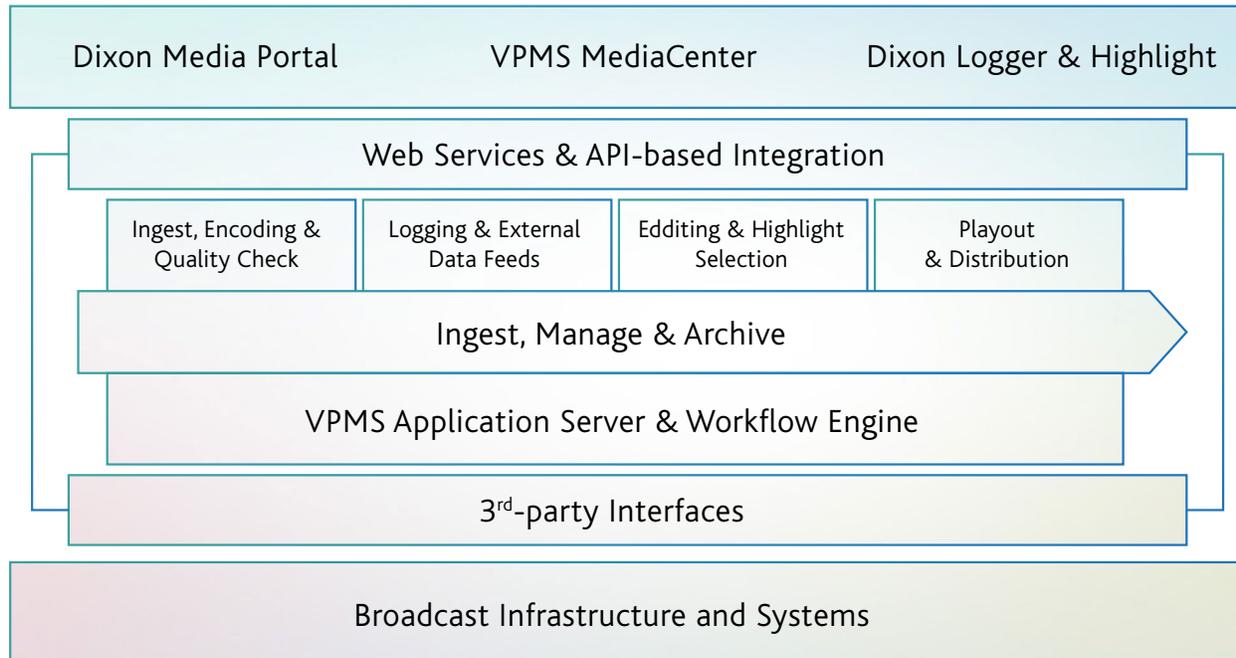


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RapidSports Hub – Tell the Story of the Game!



Sporting Events produce an enormous amount of valuable content every day. The challenge is organizing all this content into assets to be exploited instead of allowing the overwhelming amount of content to become a weight that bogs down the organization.

Rapid Sports Hub from the best of breed arvato Systems VPMS MAM and the Dixon Hilite System rises above the sports' content challenge both at local games and in the Broadcast Center - even on the busiest of sporting days. As content is ingested, the Rapid Sports Hub instantly turns it into an asset that is available for use throughout the organization.

Key Benefits

- Capture metadata through intelligent sport-specific templates
- Log live and archived events
- Enrich metadata automatically with external data feeds
- Make video assets and metadata immediately available
- Work with existing equipment including NLEs, video servers, archives, and more
- Drag and drop highlight clips to production
- Distribute content based on rules, metadata, or user action

Capture every moment of the game with Dixon and arvato Systems!



arvato Systems Media Asset Management & Collaborative Editing

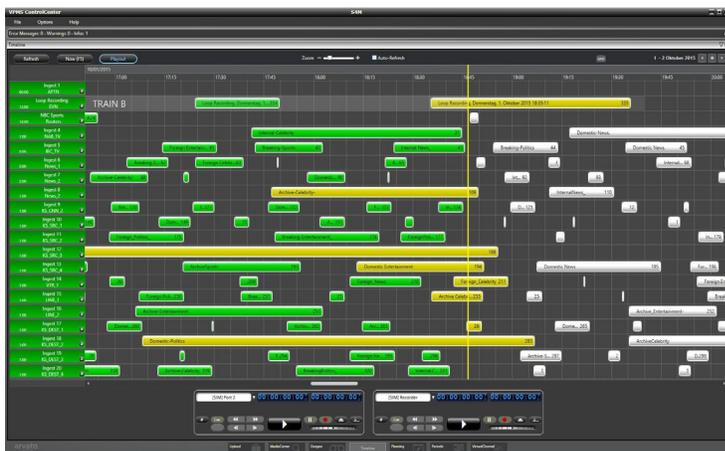
VPMS is an enterprise-class Media Asset Management solution built to cover a wide range of usage areas with a flexible and modular architecture that adapts to individual companies' needs and workflows.



VPMS MediaCenter is the web-based client application for media managers and journalists.

Users perform searches for content, browse and preview videos, edit cuts and metadata, or control workflows.

The web-based client enables users to work with and ingest/update material from remote locations.



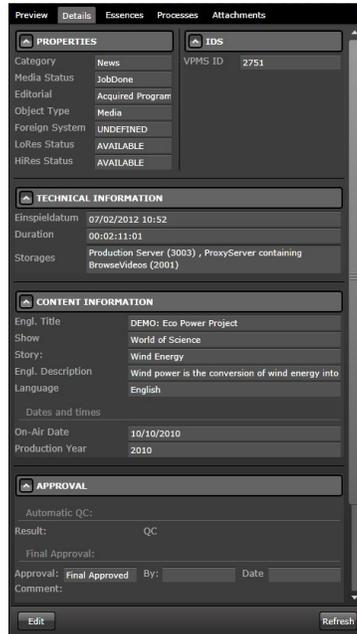
VPMS ControlCenter is the central application for ingest management and scheduling.

Operators can monitor, create, and perform ingests and file uploads as well as play out incoming video for confidence checking.

VPMS also controls video servers and router cross points for ingest and playback.

VPMS allows you to control the entire broadcast infrastructure or integrate with other systems for sharing of files and metadata. VPMS ensures that all your media is available at the right time, in the right place.



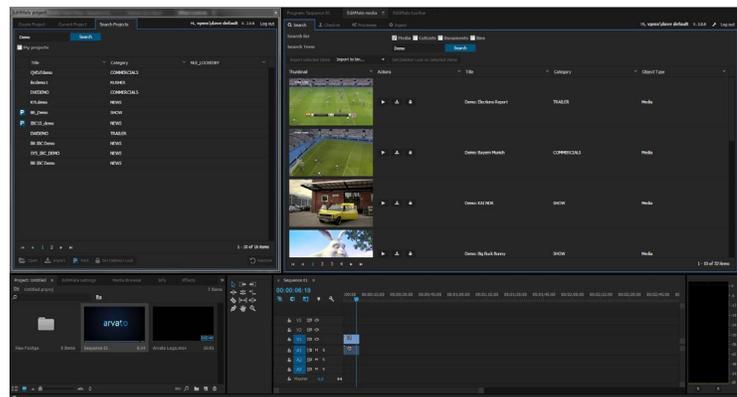


VPMS Key Features

- Hardware-independent, enterprise-class scalability and performance
- End-to-end workflow automation
- Extensive 3rd-party integration with broadcast technologies
- Metadata enrichment for all types of programs and archiving
- Ingest control for feed and tape ingests
- Generation of proxy videos with scene detection
- Control file conversions and material transfers
- Desktop editing with integration to common NLE systems
- Storage management and Housekeeping

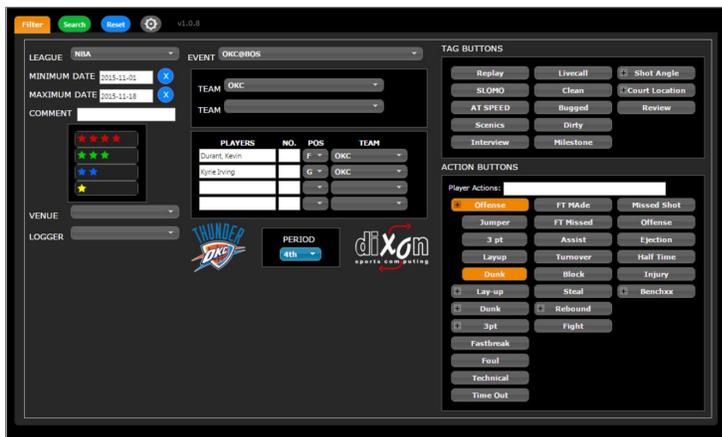
EditMate Key Features

- PAM for Adobe® Premiere Pro CC®
- Material search, ingest & check-in
- Integrated project and content management
- Support for growing files
- HiRes edit-in-place or Proxy editing across low-bandwidth connections
- Define project templates and export settings defaults
- Project Parking
- Standalone or integrated with VPMS MAM



Dixon Hilite System: Media Portal, Logger, & Hilite Selector

A leader in Sports Highlight systems, Dixon Sports Computing provides state-of-the-art software for low-cost ingest & playout, logging, external data feed integration, and highlight selection. Dixon's software works with existing broadcast facility equipment and integrates tightly with arvato Systems' VPMS Media Asset Management system.



Easily entered metadata, enriched by external data feeds, simplifies management of large video libraries to minimize clerical work and maximize the potential of expensive creative personnel.

Accessing clips when and where they are needed in the correct format allows the staff to concentrate on producing great content from the entire library and not just the small subset of remembered clips.

Dixon Key Features

- Train operators in 30 minutes
- Low-cost ingest and playout
- Industry-leading logging and external data feed integration
- Immediately drag and drop logged plays from the Hilite Selector directly to the NLE Bin
- Fully integrated with arvato Systems' VPMS MAM



Dixon Sports Media Portal

The Dixon Media Portal Ingest directly to and Plays directly from the Editing Storage, with no transfer time.

- Cost-effective: \$6 to \$8K per channel
- Create multiple formats
- Eliminates or Supplements Servers in the Editing Workflow
- Instantly play any content and edit while ingesting
- Uses editing SAN or NAS Storage, Avid ISIS (w/ or w/o Interplay), Adobe Premiere and Final Cut Storage



Dixon Sports Player & Loggers

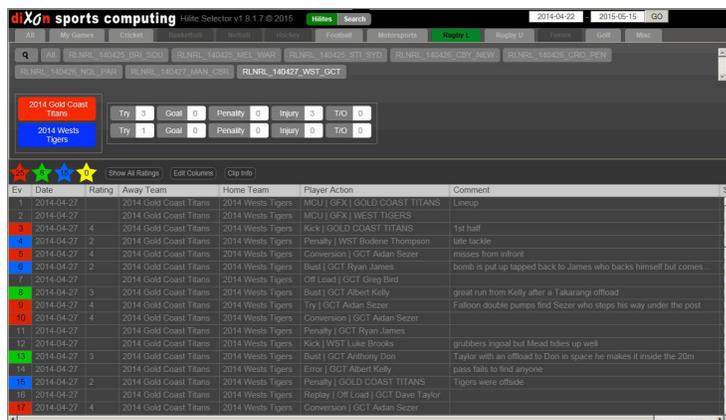
The Dixon Loggers enable easy and quick entry of sport-specific metadata and tie the data directly to the corresponding video. The logger contains the Dixon Player allowing superior video performance for any low-res video format including growing files.



- Sport-specific logging templates and rosters for each game
- Automated data entry and external feeds enhance human input
- Log Live –no delay with BlackMagic Card
- Writes each logged item live to VPMS
- Log using low-res proxy within seconds of ingest start
- Customer-defined action and tag buttons
- Interview logger for capturing interviews and press conferences
- Remote logging over Internet
- Impressive video performance; Access video from LAN, WAN or Internet

Dixon Sports Hilite Selector

The Dixon Hilite Selector runs on most common NLEs and enables the quick collection of clips to be edited in a highlight package. Bridging the gap between the Loggers and the editors, the Hilite Selector gives the editor immediate access to the logged video via its metadata.



- Specialized search tool for game highlight creation
- One-click access to any of the assigned games across all sports
- Sport-specific game summary buttons provide instant access to the typical highlight plays
- Rating buttons give immediate access to the highest rated play
- Drag and drop desired Clips into the NLE