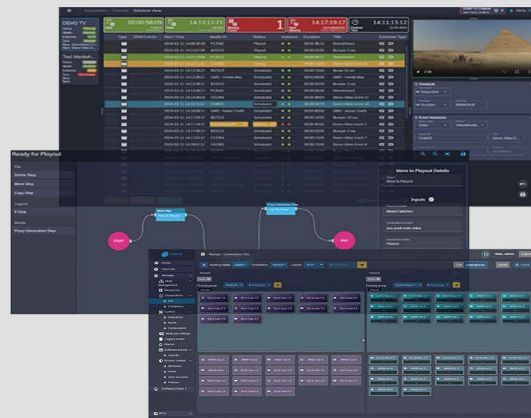# PRIMA Datasheet

Platform for Realtime Integrated Media Applications

Product overview

State-of-the-art software platform that supports a range of applications, addressing the needs of modern media and broadcast organisations.

Architectured to meet the most dynamic needs of modern organisations, it offers a comprehensive suite of services emphasising flexibility, strong security and seamless centralised management.

Leveraging sophisticated technology, it sets a new standard in operational efficiency and scalability.

Comprehensive Platform Benefits

Strong Security
Industry-leading security protocols protect your broadcasts, ensuring real-time permissions and compliance with EBU R143 standards
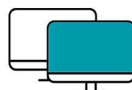
Centralised Management
A singular interface to manage all playout and workflows, streamlining operations and enhancing efficiency

Scalability & Flexibility
Tailored to support organisational growth, it adapts through on-premises, cloud or hybrid deployments

Redundancy & Disaster Recovery
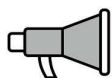With automatic failover and redundancy, it ensures your operations are continuous and reliable

Advanced Key Features

System Alerting & Centralised Monitoring
Proactive monitoring and alerts keep you ahead of system issues

Managed Deployment
Simplified service deployments with flexible and controlled deployment options

Licensing & Permissions
Advanced access control through detailed permissions management

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PRIMA Datasheet
Tech Specifications & Expanded Features

Tech Specifications

Kubernetes Environments Support
- Amazon EKS
- Google Cloud GKE
- RedHat Openshift
- Native PRIMA managed

Expanded Features

Strong Security
- Implements Single Sign-On (SSO) with SAML2
- Ensures secure connections with HTTPS TLS 1.3 and mutual TLS

API Integration
- Utilises OpenAPI (OAS) for secure REST-based API integration
- Authentication via OAuth2.0 JWT Tokens

Playout

Designed to streamline the process of channel deployment and management for broadcasters

- **Channel Deployment**
  Fast, wizard-driven setup

- **1+1 Redundancy**
  Network SMB and S3 Storage playback

- **Playlist Synchronisation**
  Pebble Automation integration

- **Graphic Capabilities**
  PNG, HTML5, and Adobe Animate support

- **Low Latency Monitor**
  WebRTC for live channel viewing

- **Playlist Stats**
  Quick stats and counters

- **Subtitle Playback**
  SRT file format support

- **Audio Shuffle Control**
  Track rearrangement and muting

- **Realtime Loudness**
  Real-time audio adjustment

Workflow

Seamlessly connects networked and cloud storage, enabling easy creation and deployment of custom data workflows with an intuitive builder

- **Flexible Workflows**

  Custom workflows - easy to create, test, and deploy

  User-friendly "drag and drop" builder for any complexity or step count

- **Media Library**

  Supporting Media Essences and Instances creation

  Enabling viewing of files and technical metadata

  Compatible with SMB and S3 storage

- **Content Prep & Metadata Markup**

  Enabling soft metadata segmentation

  Generating proxy files

  Allowing browsing and markup via Proxy Player

Control

Optimises IP connectivity, providing a vital control system for seamless device management and signal routing in broadcast environments

- Permitting quick connections through favorites and compatibility checks

- Supporting precise hardware and software control customisation

- Offering advanced user rights management for customised authorisation

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