

Capture

Orbital captures transport streams from DVB-S and DVB-T sources and saves them to disk. The raw stream is stored in a rolling buffer. Users can access programmes or clips from the stored transport streams and submit them to any number of powerful workflows.

Enrich

Orbital extracts EPG and subtitle data from the broadcast stream and uses it to create rich, searchable metadata records. Users can also add their own metadata and categorise their stored assets.

Archive

Programmes and clips from the original transport stream can be stored in a long-term searchable archive. Powerful workflows can create a wide range of proxy versions which can be used for streaming and downloading across various platforms.

Share

Archived content can be accessed via the Orbital web interface. Users can playback video and audio, edit content and make collections in their own Orbital account. Playlists can be created and shared with other Orbital users.



Ideal for

Broadcast Newsrooms
Advertising Agencies
TV Production Companies
Compliance Recording

Orbital for Producers

- Capture broadcasts from off-air sources
- Enrich content with your own metadata
- Make clips from long form content
- Create your own archive
- View in a web browser & share online

Orbital for Broadcasters

- Monitor broadcast channels for breaking news
- Capture & send to the edit suite within the news cycle
- Archive your own programmes & news content
- Distribute online



Orbital EVR and Imagen2

Orbital EVR integrates with Cambridge Imaging Systems' Imagen2 Digital Asset Management platform. Imagen2 provides a managed archive for off-air content captured by Orbital. Additionally, a wide range of video, audio, image and document formats can all be added to Imagen2 either individually or in batches.

At its heart, Imagen Client offers basic and advanced searches of your database and provides full administrative control over metadata and media. Assets can be collected, shared, exported, annotated and sent to any number of output workflows. Workflows are created using a simple 'drag and drop' interface and can be configured to store your original; create proxy versions; send notification emails; ftp files to remote locations; output to DVD and much more.

Imagen2 key features

- Stores your video, audio and images in one archive
- Provides unlimited, powerful workflows
- Creates browse quality files
- Adds watermarks, logos and timecodes
- Supports a wide range of A/V and image formats
- Outputs to DVD and Tape
- Integrates with third party DBs - MSSQL, MYSQL etc.
- Supports time based metadata



Orbital Software Components

Orbital FeedServer
 Orbital CaptureServer
 Orbital MediaPlan
 Orbital CaptureView
 Orbital Web

Orbital System Hardware

CaptureServer
 FeedServer
 Transcoder Server
 WebServer/DB Server
 Haivision Torpedo DVB-T Tuners
 Haivision Torpedo DVB-S Tuners
 RAID storage

Imagen2 DAMs Components

Imagen2 Client
 Imagen2 Media Control Centre
 Imagen2 Transcoder Server
 Imagen2 Storage Server
 Imagen2 Workflow Editor
 Imagen2 Distribution Server
 Imagen2 Graphics Server