



Manreo

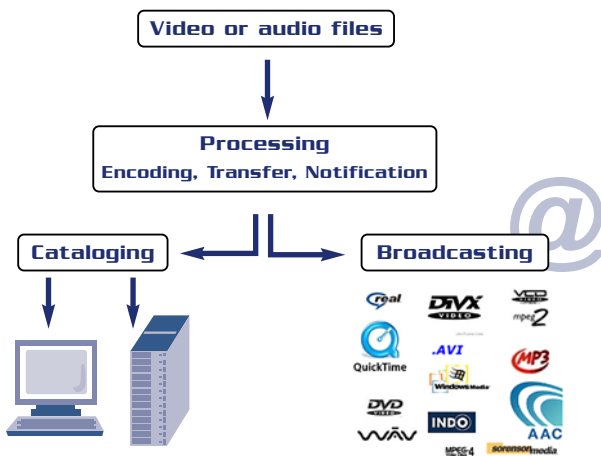
# Hypercast Encoding Service



**Hypercast Encoding Service** performs transcoding, FTP and LAN transfers, and notifies other systems of the videos and sounds produced.



## Hypercast Encoding Service



### Encoding

Hypercast Encoding Service transcodes audio or video files into multiple formats, either simultaneously or individually. The built-in encoding engines can handle a wide range of video and audio file formats.

- Identical processing of all video and audio files.
- Ability to encode all or part of a source video.
- Video encoding formats: Windows Media, Real, QuickTime, MPEG 1, MPEG 2, MPEG 4, .AVI, etc.
- Audio tape encoding formats: .WAV, .MP3, AIFF, AAC, etc.
- New formats added regularly.
- Open architecture for easily integrating new encoders.

### Transfer

Hypercast Encoding Service transfers video or audio files to the desired target, either over a LAN or via FTP.

- Transfers files before or after encoding.
- Can either copy or move files.
- Recovery management for FTP transfers.
- FTP module compatible with several servers.

### Notification

Hypercast Encoding Service notifies one or more HTTP servers when the main task and/or a secondary task has been completed.

### Secure operation

In case of a service interruption (power outage, maintenance operations, etc.), Hypercast Encoding Service resumes pending tasks when the system restarts. Currently executing tasks are started over:

- Encoding system reliability ensured by data backup and automatic recovery.
- In case of machine failure, XML files are transferred to another machine in order to resume the work in progress.
- Service restarts automatically if an incident occurs.
- Task progress is monitored via a Web interface or via XML files of data macros.





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## Minimum system configuration

- Operating system: Windows 2000, Windows XP.
- Players: QuickTime 5 or later, DirectX 8, RealPlayer 8, Windows Media Encoder 7, Real Producer+SDK 8.5.
- Computer: P IV 2GHz or equivalent.
- RAM: 256 MB minimum (512 MB recommended).
- Free disk space: 200 MB.

## Integration

Hypercast Encoding Service integrates seamlessly into all existing systems thanks to its two operating modes:

- file mode, where the XML file containing the tasks is copied to a folder;
  - service mode, where the XML file containing the tasks is sent using HTTP via the RPC protocol.
- Simple integration in a publication system, where files can be encoded in the required format and copied to the appropriate location.
- Notification informs the system incorporating Hypercast Encoding Service.

In/out	rm	Wmv	avi uncompressed cinepak indeo	other avi	QT	dv	mpeg 1	mpeg 2 PS	mpeg 4
Wmv / asf	•	•	•	•		•	•	•	•
avi uncompressed cinepak indeo	•	•	•	•	•	•	•	•	•
other avi	•	•	•	•		•	•	•	•
dv	•	•	•	•	•	•	•	•	•
QT	•	•	•	•	•	•	•	•	•
mpeg 1	•	•	•	•	•	•	•	•	•
mpeg 2 PS	•	•	•	•	•	•	•	•	•
mpeg 4	•	•	•	•	•	•	•	•	•

• According to format



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