

### Applications

- Digital Cinema

# Distribution Manager™

The Distribution Manager provides creation, scheduling, control and execution of Digital Cinema Package (DCP) distribution jobs via satellite.

The Distribution Manager is a key component of IDC's Digital Cinema Content Distribution system. The Distribution Manager can support up to 3000 theatre receive sites within a network.

The Distribution Manager is available as a 1:1 redundant configuration for maximum up-time.

### Features

- Creation and modification of content distribution job schedules
- Control and status reporting for content distribution jobs
- Easy to use web based interface with user authentication and assignable privileges
- DCP ingest control including DCP and SHA-1 verification
- Fully integrated with Datacast XD Host for control and execution of DCP distribution jobs
- Status reporting of completed and active distribution jobs
- Complementary client integrated into SuperFlex Pro Cinema Cache Server to confirm receipt of DCP distribution jobs and perform SHA-1 validation of DCP files



# TECHNICAL SPECIFICATIONS—Distribution Manager

MODEL	DESCRIPTION
Pro Cinema—Non-Redundant	
Pro Cinema—Redundant	Provides 1:1 Redundancy

FEATURE SET	
Inputs	<ul style="list-style-type: none"> <li>XML Interface</li> <li>Web based GUI</li> </ul>
XD Host Interface	<ul style="list-style-type: none"> <li>Content priority queue(s)</li> <li>Retransmission of missed packets or files</li> <li>Database management</li> <li>XD history</li> <li>Redundancy configuration</li> </ul>
Addressing	<ul style="list-style-type: none"> <li>Individual site</li> <li>Global</li> <li>Group(s) (Client, Service, Product)</li> </ul>
POWER REQUIREMENTS	
Supply Voltage	100 to 240 VAC, +6%, -10%, 50 or 60 Hz
PHYSICAL PARAMETERS	
Chassis	1U rackmount server platform (plus RAID DB server)
Dimensions (H, W, D)	4.5 cm x 48 cm x 40 cm (1.75" x 19" x 16")
Weight	8.5 kg (18 lbs.)
ENVIRONMENTAL CONDITIONS	
Operating Temperature	0° to 50° C (32° to 122° F)
Storage Temperature	-20° to 70° C (-4° to 158° F)
Humidity	Maximum 90% relative, non-condensing
PERFORMANCE	
Transmit DCPs up to 60 Mb/s*	

\* Under IDC lab conditions

The screenshot shows the 'Current Transmission' section of the Distribution Manager interface. It displays a table with columns for ID, Name, Status, Scheduled, Started, and Ended. The table lists several jobs, including 'a normal job' and 'a job without autodriver', with their respective transmission times and completion dates.

ID	Name	Status	Scheduled	Started	Ended
251	a normal job	Currently Transmitting	08 Apr 2011 11:48:53	08 Apr 2011 11:48:05	08 Apr 2011 11:53:35
250	a normal job	Completed	08 Apr 2011 11:26:25	08 Apr 2011 11:26:38	08 Apr 2011 11:32:24
249	Booking with some wrong Site IDs	Saved	14 Dec 2002 09:30:47		
248	a job without autodriver	Completed	08 Apr 2011 11:09:46	08 Apr 2011 11:10:27	08 Apr 2011 11:10:53
247	a job without autodriver	Completed	08 Apr 2011 11:05:59	08 Apr 2011 11:06:23	08 Apr 2011 11:06:50
246	21-70 B 21071	Completed	08 Apr 2011 10:48:17	08 Apr 2011 10:52:50	08 Apr 2011 10:53:18
245	a job for pull without autodriver	Completed	08 Apr 2011 10:44:11	08 Apr 2011 10:44:32	08 Apr 2011 10:45:00
244	a job for pull	Completed	08 Apr 2011 10:42:53	08 Apr 2011 10:43:13	08 Apr 2011 10:43:40
243	afasfa	Completed	08 Apr 2011 10:36:17	08 Apr 2011 10:36:17	08 Apr 2011 10:36:43

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