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# Capture HD Training

## 2nd Mar 2012





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## Capture HD™ High-Definition Capture Recorder

- » Delivers a low-cost, high-performance HD presentation capture solution
- » Designed for college, university, teaching hospital, government and business applications
- » Captures in high-quality H.264 format at up to HD 1080p resolution
- » Built-in scaling ensures compatibility with a full range of sources
- » CAPTURE-HD-PRO model includes high-definition 3G-SDI camera input





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## Capture HD™/Capture HD Pro High-Definition Capture Recorder



Capture HD PRO



Capture HD





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## **Other equipment you may need**

### **Camera**

- » CAM-IFB-100: Compact HD Streaming/SD Analog Video Camera
- » CAM-IPTZ-100: PTZ Streaming/Analog Video Camer

### **Microphone**

- » MP-FS100\_PAK: FreeSpeech™ Single-Channel Wireless Mic System Package
- » MP-FS200\_PAK: FreeSpeech™ Dual-Channel Wireless Mic System Package

### **Control Interface**

- » CAPTURE-TPMC-4SM: Touch Screen Controller for CAPTURE-HD
- » Any other Crestron touch screen, or mobile device running Crestron Mobile® or Crestron Mobile Pro® via an Ethernet-based Crestron control system

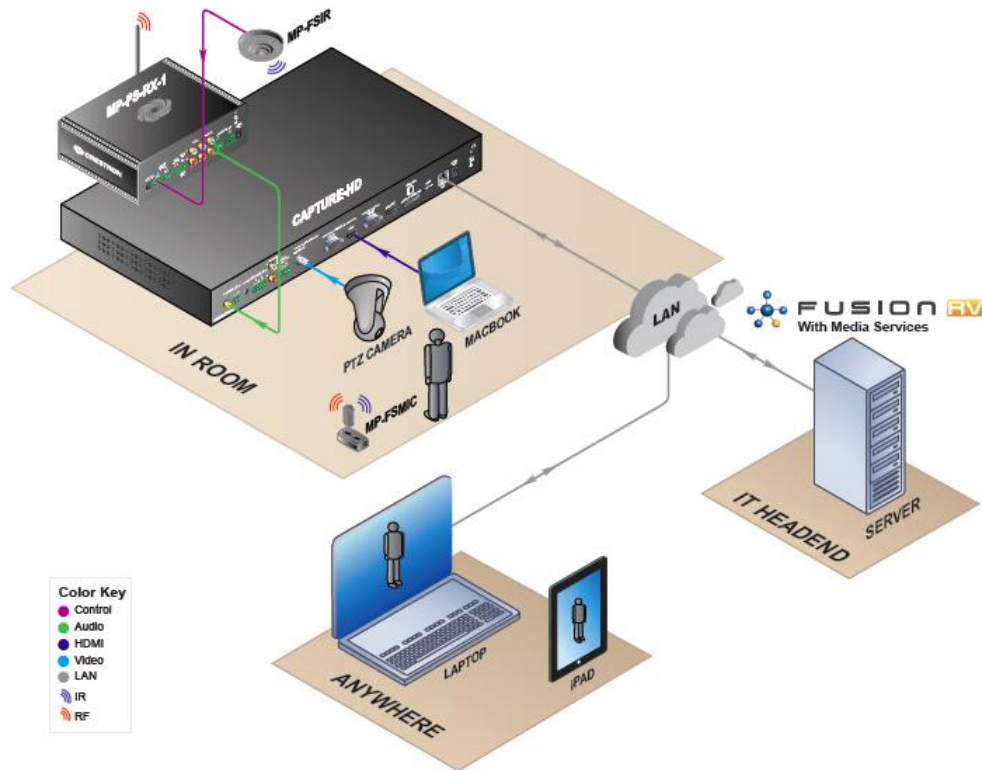
### **Software**

- » Fusion RV™ v8.5 with Media Services: Remote Asset Management Software
- » Wowza Media Server®: Streaming server
- » Crestron Media Player: Streaming media player





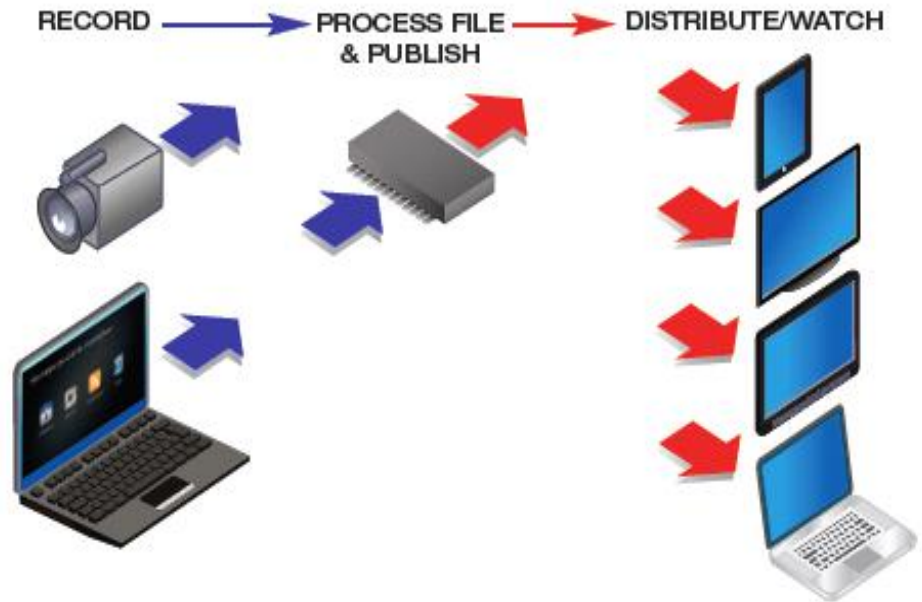
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# CAPTURE LIVE **HD**™





# CaptureLiveHD workflow

Where does the file go after you hit stop?





# The CaptureLiveHD Workflow



Schedule



Record



Distribute



View





# Schedule



Microsoft Outlook



Lotus Notes



R25



# Create the Meeting

Capture Training - Meeting

Meeting Insert Format Text

Cancel Invitation X Delete Appointment Scheduling Assistant Crestron RoomView Meeting Workspace Attendees

Show As: Busy Reminder: 10 minutes Recurrence Time Zones Categorize Spelling Proofing

Invitations have not been sent for this meeting.  
This appointment occurs in the past.

To... Meeting Room 101

Subject: Capture Training

Location: Meeting Room 101 Rooms...

Start time: Fri 6/3/2011 2:00 PM All day event

End time: Fri 6/3/2011 1:30 PM 2:00 PM 2:30 PM 3:00 PM 3:30 PM 4:00 PM 4:30 PM





Start capturing



# Record Content

Microphone



PC Content



Live Video





# Record Content

Microphone



PC Content



Live Video



# Press Stop, Then The Magic Happens

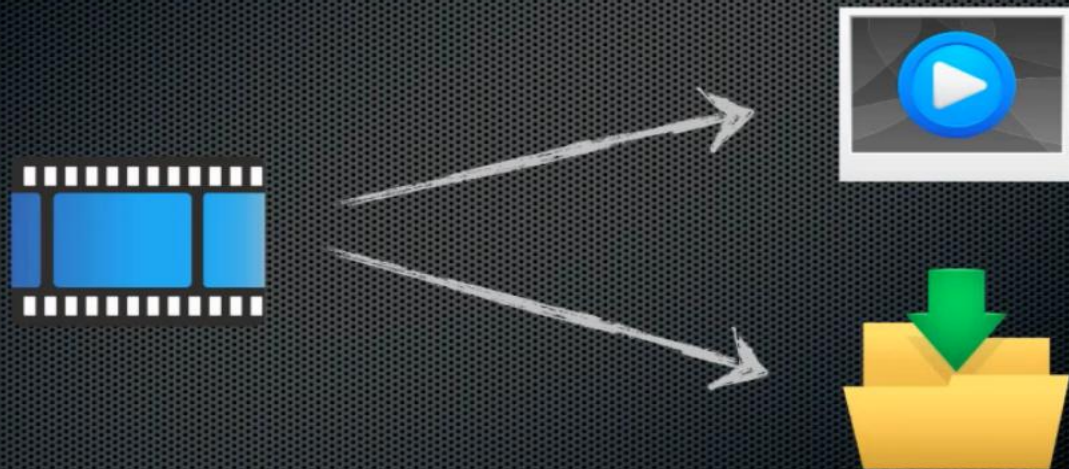


1080P Video  
(MPEG-2.ts)



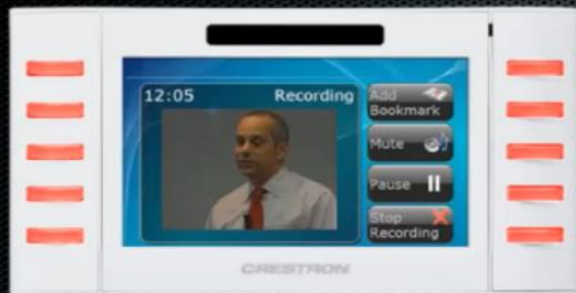


# The File is Processed





# Streaming via Crestron Media Player

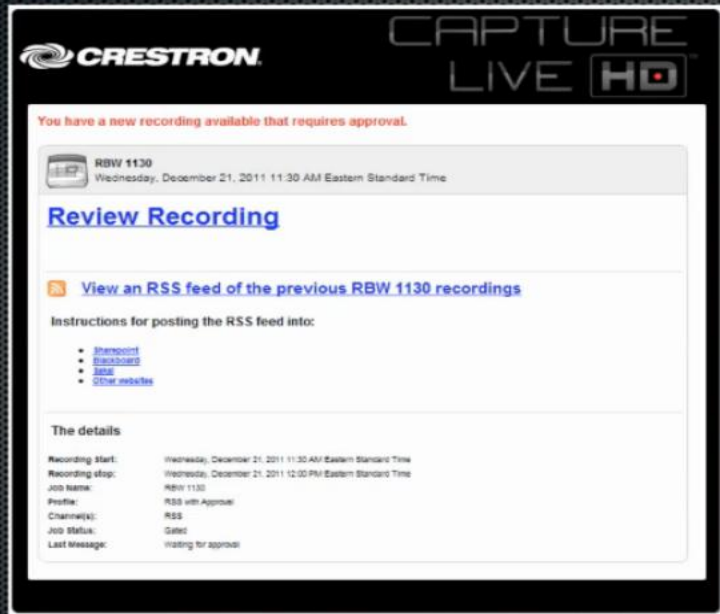


# Email Notification





# Email Notification



RSS Feed Automatically Published





# Share RSS Feed



Blackboard



Microsoft  
SharePoint



Webpage

[www.mydomain.com/myfirstcapture.xml](http://www.mydomain.com/myfirstcapture.xml)



# Example Using SharePoint

**RSS Viewer**

Appearance

Layout

Advanced

**RSS Properties**

RSS Feed URL

Feed refresh time (in minutes)

Feed Limit

☐ Show feed title and description

• AJAX Options

• Miscellaneous

Data View Properties

XSL Editor  
To add XSL, click **XSL Editor**.

Site Actions Browse Page

Vertical Market Management » Recordings

Vertical Market Management Fast Search

**Recently Modified**

- Recordings
- Home
- AddResearchTaskToSPLi
- AddResearchTask
- How To Use This Library

**Lists**

- News
- Calendar
- Contacts

**RSS Viewer**

**Capture Training**

- Capture Training - Publishing
- Capture Training - System Design
- Capture Training - Introduction





view video





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| Video Recording Rate* | Space Required<br>(per hour) | Video Capacity<br>16 GB card | Video Capacity<br>32 GB card |
|-----------------------|------------------------------|------------------------------|------------------------------|
| 500 Kbps              | 225 MB                       | 66 hours                     | 133 hours                    |
| 1 Mbps                | 450 MB                       | 33 hours                     | 67 hours                     |
| 2 Mbps (default)      | 900 MB                       | 16 hours                     | 33 hours                     |
| 3 Mbps                | 1.4 GB                       | 11 hours                     | 22 hours                     |
| 4 Mbps                | 1.8 GB                       | 8 hours                      | 16 hours                     |
| 5 Mbps                | 2.2 GB                       | 6 hours                      | 13 hours                     |

\*Either 720p or 1080p can be recorded at these rates





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# CaptureLiveHD Design Guide



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## How to convert a TPMC-4SM to Capture TPMC-4SM?

### Firstly you need the following things

- » Firmware v1.2.0027 or later
- » A OOBTF layout - capture\_hd\_oobt\_tpmc4sm\_v1\_2\_0.vtz

### Then

- » Upgrade the firmware of TPMC-4SM to v1.2.0027 or later
- » Replace OOBTF layout in the TPMC-4SM to capture\_hd\_oobt\_tpmc4sm\_v1\_2\_0.vtz





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# Thank you