

The easy-to-use, automated appliance for recording and sharing presentations



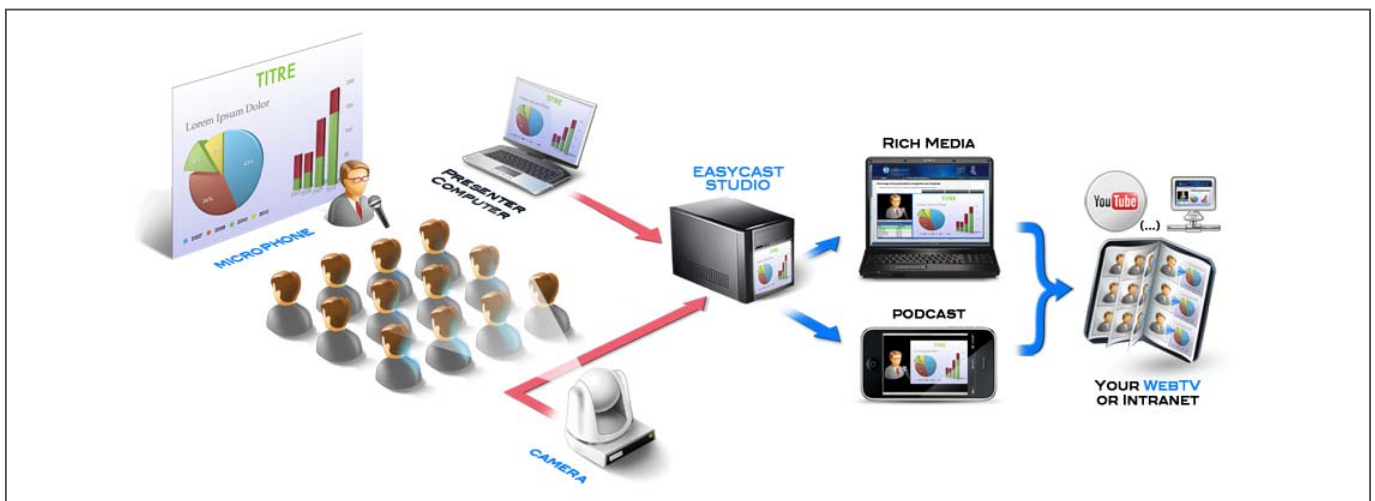
EasyCast Studio is an all-in-one appliance dedicated to **recording and sharing presentations** – classes, training sessions, conferences – over the Internet or an Intranet

Its key advantages are an easy and guided user experience designed for non specialists – delivered through an ergonomic touchscreen interface – and powerful automation that guarantees that users can rapidly handle the system while producing great results.

The Studio automatically syncs audio, video and computer (data) sources to deliver presentations under the form of Rich Media (chapterized and interactive media).



How does it work?



- ▶ The Studio appliance is installed in the room where the presentation takes place.
- ▶ It records audio, the presenter's computer data signal and the video feed from a camera – which are all automatically synchronized
- ▶ EasyCast creates a navigation index each time the presenter moves from one slide to the next, automates camera framing on the presenter and extracts metadata (keywords, slide titles, etc.)
- ▶ The user can quickly edit (trim, chapterize) the content before publishing if necessary.
- ▶ The output is published to a WebTV portal supplied by UbiCast (EasyCast MediaServer) or an existing infrastructure.



Key Features

DEDICATED ENVIRONMENT

- ▶ Runs on a dedicated [Linux](#)-based operating system, making it absolutely reliable
- ▶ Minimalist user interface designed from the ground up for non specialists and touchscreens
- ▶ Supports user profiles for recording and publishing to automate logo insertion, publishing to predefined locations with specific parameters, etc.
- ▶ Complete operating system updates and remote maintenance at the touch of a button



DYNAMIC, FULLHD VIDEO

- ▶ Captures video and publishes content in SD (synchronized jpeg slides) or in HD (dynamic composition, up to 1080p)
- ▶ [Automatically creates dynamic content](#) according to configurable video production rules:
 - ▶ when presenter changes slide or shows a video, data is displayed in full screen
 - ▶ staying on the same slide for a few minutes triggers showing the presenter in full screen



PRESENTER TRACKING

- ▶ Unique software-based [presenter tracking](#):
 - ▶ automatically creates engaging content with smooth framing of speaker(s)
 - ▶ can be [corrected](#)



ASSISTED POST-PRODUCTION

- ▶ Recorded media can be trimmed and merged without erasing originals
- ▶ Optical Character Recognition (OCR) is applied to all slides for keyword search and chapter titling
- ▶ Customize output media appearance (layout, logos, etc.) and format(s)
- ▶ Automated batch task management (encoding, publishing, etc.)



FULL QUALITY DATA CAPTURE

- ▶ [Presentation material is recorded at 25 images/sec, in full quality](#) (up to 1920*1200 pixels) – whatever is shown on the video projector, screens, interactive whiteboard, will be perfectly captured
- ▶ Upon each slide change, the Studio creates:
 - ▶ a navigation index that can be transformed into a chapter
 - ▶ a full quality JPEG snapshot of the presenter's screen for fullscreen viewing



INTEGRATED PUBLISHING

- ▶ One-touch publishing to EasyCast MediaServer, USB, FTP, third party web platforms such as YouTube (contact us for a full list)
- ▶ Compatible with HTML5, Adobe Flash and WMV



Studio Form Factors



Rugged, transportable workstation, delivered with travel case



Fixed rack unit, delivered with 19" touchscreen



Technical Specifications

Recorders	Central Unit
Video inputs <ul style="list-style-type: none"> • IP (RJ45): AXIS Q1755 fixed (1080p) Sony IPELA RH124/ER550 PTZ (720p) Canon VC-C60 (480p), VB-M40 (720p) and VB-H41 (1080p) • DV (IEEE 1394a) all devices (PAL/NTSC) • DVI/VGA/HDMI/YUV (up to 1920*1080 input and capture) using an optional high resolution capture card 	Media storage <ul style="list-style-type: none"> • 2 Tb of disk space (over 500 hours of typical HD recording)
Data input <ul style="list-style-type: none"> • DVI/VGA/YUV: capture of presentation material up to 25 images/sec at maximum resolution 1920*1200 	Offline export formats <ul style="list-style-type: none"> • Interactive HTML5 webinar (video in MP4, WMV and WebM) with autonomous player, attached files, search engine and theming. Compatible with all browsers, provided with Java editor • HD dynamic podcast (with chapters for iOS devices) : resolution up to 1080p MP4/H264/AAC • AVI for post-production compatible with Apple Final Cut and Adobe Premiere • Archive: separated native quality sources + XML file (contains indexes)
Audio inputs <ul style="list-style-type: none"> • Onboard jack 3.5 stereo • XLR/USB adapter (mono), with headphone output, volume and gain ajuster (48v Phantom power) • Most mono/stereo USB compliant devices 	One-touch publishing to <ul style="list-style-type: none"> • USB media: NTFS, FAT16/32, HFS+, EXT2/3/4, ReiserFS • FTP server • Local or hosted EasyCast MediaServer. Includes a personalized video catalogue (WebTV). Cloud hosting using Amazon Web Services for high quality service. Adobe Flash (RTMP H264/AAC) and HTML5 (MP4 and HLS) formats for live and on-demand streaming • Third party platforms : YouTube, Dailymotion, Amazon S3 / Zencoder cloud transcoder, Apple Podcast Producer. For more connectors, contact us
Native recording <ul style="list-style-type: none"> • Muxer: Matroska (.mkv) • Codecs: MJPEG / MPEG-4 Part 2 video, PCM audio • Resolutions: 2 x 1080p • Recommended aspect ratios: 16:9 and 4:3 • Metadata: MetaCast format, open, based on XML 	Control interfaces <ul style="list-style-type: none"> • Touchscreen and keyboard/mouse • Web (via remote control panel, remote and scheduled action APIs available) • RS-232 / TCP/IP (telnet) API
Live streaming <ul style="list-style-type: none"> • Protocols: Adobe RTMP (video) and HTTP (slides) • SD (video and jpeg slides) or HD (up to 720p, with full motion computer content) • Codecs and bitrate: H264/AAC up to 2 Mbits/s • Compatible with all internet browsers 	Form factors <ul style="list-style-type: none"> • Fixed rack unit: 483 x 177 x 439mm (7kg) • Rugged mobile unit: 356 x 418 x 176mm (10kg)
Supported protocols <ul style="list-style-type: none"> • DHCP, HTTP(S), TCP/IP, NTP, FTP(S), RTMP, RTSP, RTP/UDP, UPNP, SSH, Telnet, RS-232 	

A few Applications

- ▶ Corporate training and communications: presentation and video conference capture for live and on-demand viewing on the intranet or in the Cloud
- ▶ Education establishment lecture and conference capture, publishing content to existing LMS platforms
- ▶ Communications: live and on-demand streaming of events