

vSolution Cynap™ Collaboration & Wireless Presentation System

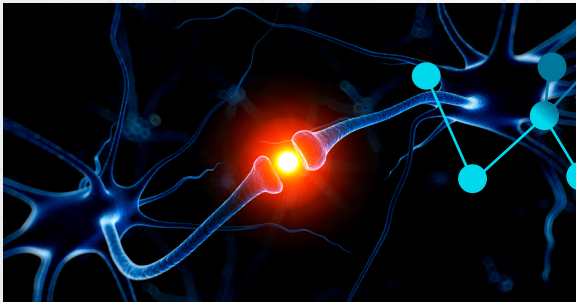


Collaboration, wireless presentation & knowledge sharing

When you've got something to say, we believe it is important that getting your message across and making an impact should be as easy as possible.

Our aim is to help you to explain it better, to give you the freedom to share your knowledge and collaborate with others - however you want, and whenever you want, when your audience is in the same room or on the other side of the world.

**Because knowledge matters -
to all of us.**



Just like in the human brain where synapses are essential for quick processing and transmission of information, Cynap is a unique, powerful, and flexible system, that gives you instant access to information of all types from any source.

√Solution

CYNAP





Connecting media - connecting minds

"Cynap is a powerful collaboration system that enables high performance presentation, recording, and distribution of all types of multimedia content material."

*Douglas Marsland - Head of Audiovisual Services,
Heriot-Watt University, Edinburgh, UK.*

vSolution Cynap™: Inspiring engagement, interaction, & collaboration




Media player: Instant access to all your data

Cynap plays, displays, records, and streams any media. Access your data easily via cloud, network drive, mobile device or HDMI in – even your laptop is no longer essential – you can simply bring your content on a USB stick, or download it directly from the cloud!



Web conferencing: Everybody. Anywhere. Anytime!

A  [Skype for Business](#) client can be integrated into Cynap as part of our optional Office 365 Feature Pack. This enables point to point connection with any user with a Skype for Business enabled Office 365 account. A WebRTC web conferencing solution is also provided.



Bring your own device (BYOD): App-free, dongle-free mirroring!

Simply connect and share your screen using the wireless technology that's built into your own mobile device. Our wireless BYOD solution suits all iOS, Android,

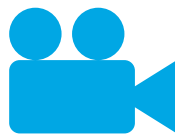
Windows and Mac devices - because in contrast to some solutions, we provide full support for AirPlay, Chromecast, and Miracast screen mirroring.





Webcasting: Live and on-demand video!

Our optional Webcasting Feature Pack makes it simple to stream your lecture or meeting content for live or on-demand viewing via a Wowza or IBM cloud Video (Ustream) streaming server or to YouTube or Facebook for live streaming. Audiences can watch your videos anytime - from anywhere they choose.



Powerful video capture: record, manage, stream, share

Cynap lets you record all your multi-window, multimedia presentation, training and lecture content. Everything is captured in high definition and saved internally – perfect for use as part of your online educational program.



Annotation & Whiteboard: Capture your big ideas!

It's easy to create extra content material using our built-in digital whiteboard and annotation features. Multiple users can annotate on-screen at the same time – and you can even save your notes - together with the other recorded materials.



Office 365 Feature Pack: Collaboration made easy

The Office 365 Feature Pack incorporates a Skype for Business client into Cynap, together with access via Cynap to other popular Office 365 apps such as Word, PowerPoint, Excel, Outlook, and OneNote (active Office 365 account required). All your files are easy to open, work on collaboratively, and share with teammates.

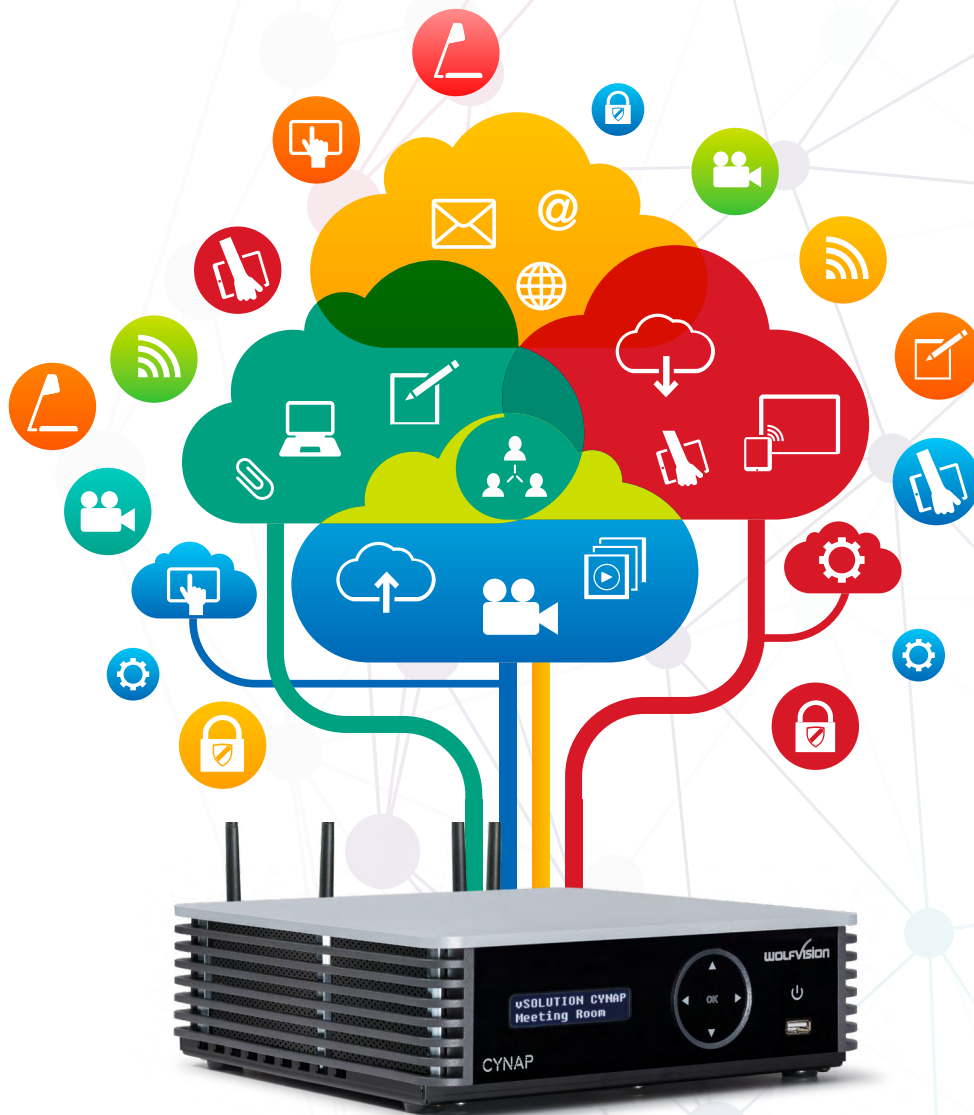


++ Video ++





All files. All locations. All devices.



++ Video ++

Knowledge sharing any way you choose!

Cynap plays, displays, records, and streams all commonly used media simultaneously, giving you unlimited choice of materials during presentations, lectures, and active learning classes. Everybody can access files easily from almost any source, enabling convenient playback via Cynap.

All your files at
your fingertips

- >> Cloud services
- >> Network drives
- >> USB drives
- >> All wireless or wired devices



Capture your content: & record to mobile devices

Cynap is perfect for Full HD recording of presentation content material for use in online learning environments. For business applications, Cynap offers a quick and easy way to record, archive, and share meeting and training content.

Panopto & Opencast compatible

The optional Capture Pack can be used for automated/manual recording and distribution of your content materials. The capture agent is compatible with either Panopto or Opencast services for secure, reliable, scheduling, processing, management, and intelligent distribution of academic and corporate video recordings.

vSolution Capture app

Your own personalized recordings!

In addition to Cynap's powerful internal recording capability, our unique vSolution Capture app for iOS, Android, and Windows lets students or work colleagues receive and record a live stream of presentation or lecture content from Cynap onto their own mobile smartphones and tablets.

You can even personalize your own copy of the recorded stream by adding notes and annotations in real-time.





Web conferencing options!



Better collaborative working and learning

For effective communication between remote participants, a [Skype for Business](#) client can be integrated into Cynap as part of the optional Office 365 Feature Pack. This enables point to point connection with any user with a Skype for Business enabled Office 365 account. All multi-window content displayed on Cynap can be transmitted at the same time. In addition, a WebRTC web conferencing solution is also provided.

Stay connected:

- >> Skype for Business client
- >> Point to point connection
- >> Remote sharing of multiple windows
- >> WebRTC integration (Pexip + more)



Bring your own device (BYOD)

No. 1 for wireless connectivity!

Our Cynap System provides the most comprehensive BYOD solution currently available. We offer compatibility with all iOS, Android, Windows, and Mac devices, and our built-in support for AirPlay, Chromecast and Miracast mirroring means that it's simple to connect, using the technology that's already built in to your own mobile device - no apps or dongles required!

Control Cynap using your mobile device.

We've also made it super easy to control Cynap using any mobile device - HTML technology enables you to connect and control Cynap from your laptop, smart-phone or tablet using any current web browser.



++ Video ++

Going wireless!

- >> No apps needed to connect
- >> No dongles to lose
- >> Screen mirroring for all devices (iOS, Android, Windows, Mac OS)
- >> 4 on-screen windows
- >> Touchback function (Miracast): control your laptop using a touch screen display



>> AirPlay

>> Chromecast

>> Miracast

>> vSolution Cast

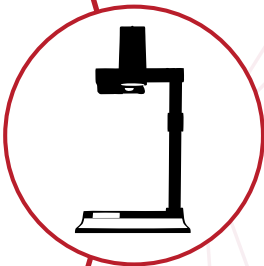


Key system benefits!



You are in control!

No other collaboration system is as flexible as Cynap - you can control it however you want! Multi-touch display, mobile device, room control system, remote control, Visualizer, web browser, keyboard and mouse - the choice is yours!



'Best of both worlds' - connecting a Visualizer

When you want to show 'live' materials on-screen, adding a WolfVision Visualizer system is the most effective way to combine presentation content from both digital and physical sources - and changing media frequently, really helps audiences remember more of your presentation content!



Protect your data!

Network security is a key consideration when introducing a wireless collaboration solution into your organization. We use the following technology to keep your data safe:



High level
secure Linux
system



Integrated
Firewall
protection



802.1x secure
LAN and WLAN
authentication



Enterprise level
encryption



HTTPS encryp-
ted connections



Feature lock
options



WolfVision systems, software and apps are regularly updated. For the latest detailed information on new innovations, features, and functionality, please visit our website: wolfvision.com

Technical specifications



Cynap connectors



Cynap connectors with HDBaseT option



Cynap Remote Control

Features

Operating system	Linux operating system, 8GB memory, 120GB internal storage
Output resolutions	Up to 4K UHD (2160p60, 2160p30, 1080p60)
Compatible device operating systems	iOS, Android, Mac OS, Windows, Windows Mobile, and all HTML5 supported browsers
Supported apps/software	vSolution Capture, vSolution Connect, vSolution Cast, vSolution Control, vSolution Link
Supported image file formats	GIF, JPEG, BMP, PNG
Supported document file formats	PDF, Word, PowerPoint, Excel, Text, HTML
Supported video file formats	AVI, WMV, MOV, MP4, DivX, MKV, M4V, OGV
Supported audio file formats	MP3, WMA, MKA, OGA, OGG
Supported mirroring protocols	AirPlay, Miracast (no HDCP support), Chromecast, vSolution on Cast (up to 30fps)
Max. no. of devices simultaneously displaying material on-screen	4
Dual screen function	Yes
Max. receiver connections to Cynap via vSolution Capture app	Virtually unlimited (depends on network infrastructure)
Wireless device mirroring	Yes
Local streaming	Yes (Unicast/ Multicast), RTP, RTSP
Webcasting	Yes, to Wowza, IBM Cloud Video (Ustream), YouTube and others (e.g. Facebook) via optional Webcasting Feature Pack
Local video recording	Yes, selectable up to 1080pHD, 30fps, .mp4 file format
Capture agent	Yes, via optional Capture Feature Pack
Cloud services	Yes, Google Drive, Dropbox, Box, Jianguoyun, OneDrive, WebDAV protocol
Access to Office 365 apps	Yes, via optional Office 365 Feature Pack
Access to network drives	Yes
Document and media player	Yes
Whiteboard and annotation	Yes
Presentation modes	Protected Mode, Open Mode
Dynamic on-screen content arrangement	Yes
Web conferencing	Yes, Skype for Business via optional Office 365 Feature Pack, WebRTC
Integrated web browser	Yes
Customizable background image and screensaver	Yes

Inputs / Outputs

Video input	HDMI x2 (HDMI with HDCP 1.4)
HDBaseT 1.0 input	Optional x1 (can be used only when HDMI input 2 is not in use)
Video output	HDMI x2 (HDMI with HDCP 1.4)
HDBaseT 1.0 output	Optional x1 (can be used only when HDMI output 1 is not in use)
Audio	Line in / Line out (unbalanced, 3.5mm mini jacks)
USB ports	Rear USB 3.0 ports x4, front USB 2.0 port x1

Network Connectivity

LAN port	Yes, 2x 1GigE
WLAN standards	802.11 ac/a/b/g/n (2.4 and 5GHz), up to 867Mbps
Network protocols	TCP/IP, FTP, HTTP, HTTPS, SNTp/NTP, SSL, SSH, UDP
IP configuration	DHCP, Static (IP address, Subnet mask, Default gateway, DNS server), Interface priority
Security encryption for LAN	IEEE 802.1x
Security encryption for WLAN	WEP, WPA2, WPA2 Enterprise or IEEE 802.1x
RMS encryption	Yes

Others

External controlling	Remote control with gyro sensor function, web interface, Visualizer, multi-touch display, room control system, keyboard and mouse, device status display
Dimensions (L x W x H)	245mm x 245mm x 79mm (9.65" x 9.65" x 3.1")
Mounting options	Optional 19" rack unit mounting frame, under desk mount
Included accessories	Remote control, power supply, antennas, HDMI & LAN cables
Limited warranty	3 years (optional warranty extension up to 5 years)

Find out more about WolfVision solutions

WolfVision is a worldwide provider of systems and services to leading universities, businesses, schools, and other organizations. Acknowledged as a 'technology leader' in the presentation solutions market, WolfVision takes the lead, setting standards worldwide for innovative, reliable, user-friendly, high performance presentation, collaboration, and knowledge sharing solutions.

Streamline your technology

There's no longer any need for racks full of AV equipment - simplify your technology and use Cynap's flexibility to configure a cost effective, all-in-one, secure presentation and collaboration solution that really suits the needs of your own organization - you don't have to settle for less - so talk to us now!

Driving the Creation of Knowledge



Printed in Austria, July 2018



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