

vSolution Cynap: Wireless presentation, web conferencing & collaboration system

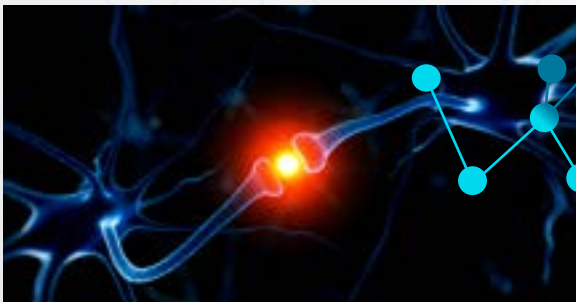


Centrepiece of the modern meeting and classroom

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™ Presentation, Collaboration & Knowledge Sharing

Just like in the human brain where synapses are essential for rapid processing and transmission of information, the Cynap presentation and collaboration system, is a powerful, multi-functional, flexible interface, providing quick and easy access to information of all types from any source. It is the ideal system for inspiring engagement, interaction, and collaboration, in education, business and courtroom environments.

With its optional feature pack, Cynap also functions as the 'main station' of our vSolution MATRIX collaboration solution.

Media player: Information on demand



Cynap plays, displays, records, and streams all commonly used media simultaneously, providing incredible versatility during meetings, lectures, and collaborative sessions. Information is easily available, whether stored locally or in the cloud, and files are also accessible for playback using a connected USB stick.

Wireless presentation: Bring your own device



Cynap offers an all-in-one wireless BYOD solution suitable for all smartphones, tablets and laptops. Air-Play, Chromecast, and Miracast mirroring is supported, and up to 4 devices can connect without needing extra apps, dongles or additional software, and display on-screen content simultaneously in up to 4K output resolution.

Video recording / Lecture capture agent



Full HD video recording captures all types of content materials, making flexible recording of multisource, multimedia educational content easier than ever before. Cynap can also act as a capture agent for Panopto and other compatible video management platforms.





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Webcasting: Efficient knowledge sharing



The webcasting feature makes it simple to stream content for live or on-demand viewing via platforms such as Wowza, YouTube, Facebook Live. Additionally, students or work colleagues on the same network as the presenter can receive and record a stream to their mobile devices using our vSolution App.

Microsoft 365 Integration



The Microsoft 365 integration provides access to popular Microsoft 365 apps such as Word, PowerPoint, Excel, Outlook, Microsoft Teams, and OneNote (active Microsoft 365 account required).

Access to Zoom and Teams meetings



Support for Zoom and Microsoft Teams video meetings is provided. A WebRTC web conferencing interface is also provided. You can even store your Zoom/Teams and WebRTC credentials on our mobile app ensuring easy, touchless operation.



Whiteboard and annotation

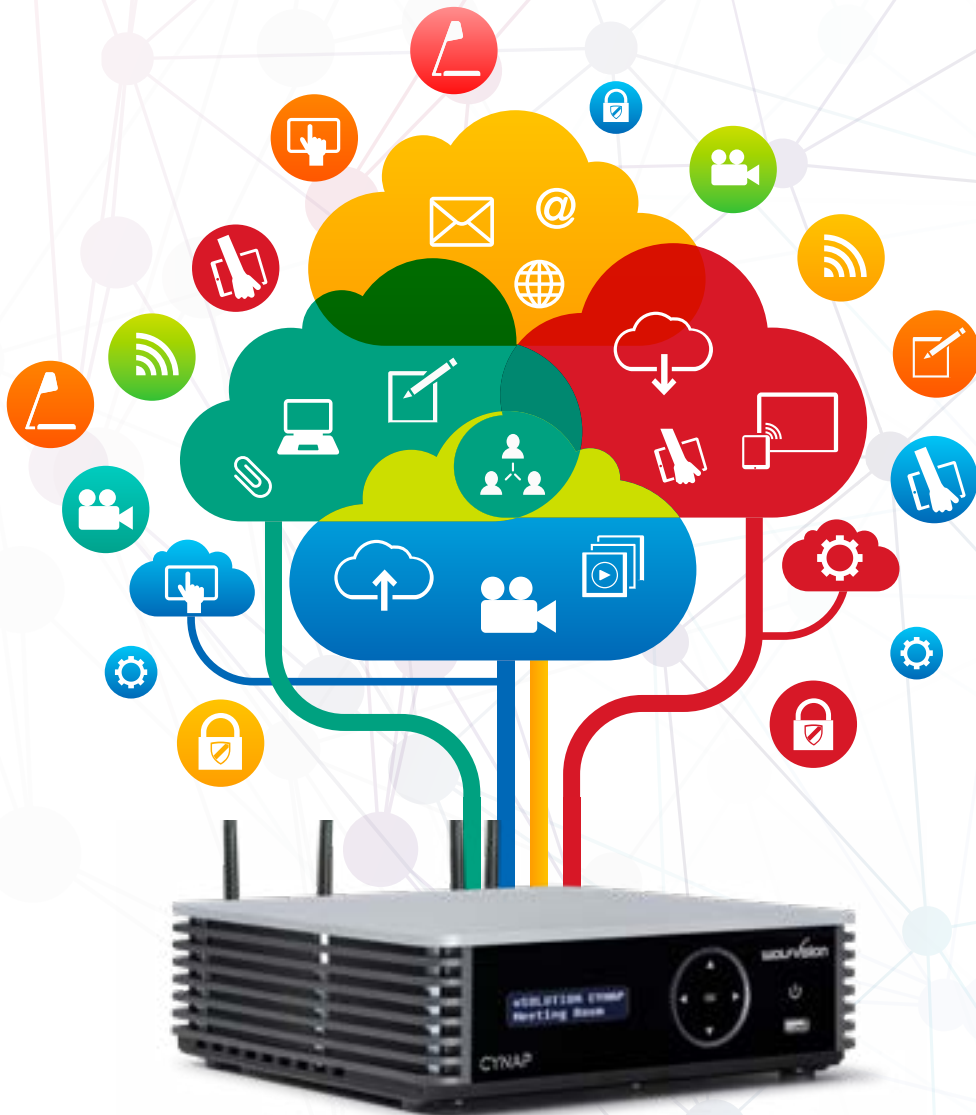


Collaborate together using the built-in digital whiteboard and annotation features of the Cynap system. Written notes are easily recorded and shared, along with other multimedia information.





All files. All locations. All devices.



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 compatible

Cynap can be used for automated/manual recording and distribution of your content materials when functioning as a capture agent for Panopto and other compatible video management platforms. It enables secure, reliable, scheduling, processing, management, and intelligent distribution of academic and corporate video recordings.



vSolution App

Capturing our own personalized recordings!

In addition to Cynap's powerful internal recording capability, our vSolution App for iOS, iPadOS, Android, Windows, and Mac, 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, support for Zoom meetings is provided, and additionally, a Microsoft Teams Client is included into Cynap as part of the Microsoft 365 integration. All multi-window content displayed on Cynap can be transmitted at the same time. A WebRTC web conferencing solution is also provided.

vSolution App can be used as a convenient web conferencing controller when using Zoom, MS Teams or WebRTC web meetings. Meetings can be started, joined, and controlled, and either a single Cynap window or all windows can be shared using the app.

Stay connected:

- >> Support for Zoom meetings
- >> Microsoft Teams Client
- >> 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, iPadOS, Android, Windows, Mac, and Chrome OS 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, smartphone or tablet using any current web browser.

Going wireless!

- >> No apps needed to connect
- >> No dongles to lose
- >> Up to 4K screen mirroring for all devices (iOS, Android, Windows, Mac, Chrome OS)
- >> 4 on-screen windows
- >> Touchback function (Miracast & vSolution Cast): Control your laptop using a touch screen display



- >> AirPlay
- >> Chromecast
- >> Miracast
- >> vSolution Cast

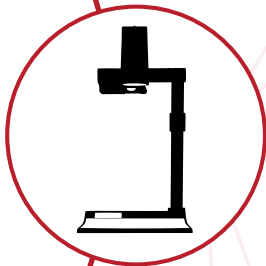


Key system benefits!



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	2160p60, 2160p30, 1080p60
Compatible device operating systems for controlling	All HTML5 supported browsers (on iOS, Android, Mac OS, Windows, etc.)
Supported device operating systems for mirroring	iOS, iPadOS, Android, Windows, macOS, Chrome OS
Supported mirroring protocols	AirPlay, Miracast, Chromecast, vSolution Cast
Touchback functionality	Yes, for Windows devices (Miracast & vSolution Cast)
vSolution MATRIX compatible	Yes (main station via optional feature pack, or client)
Supported apps/software	vSolution App, vSolution Cast, vSolution Link Pro
vSolution Link Pro software for remote admin & firmware updates	Yes, included (for Windows 10, Windows Server 2012 R2 & 2016, Windows Web Server, macOS)
Media Player: Supported image file formats	GIF, JPEG, BMP, PNG
Media Player: Supported document file formats	PDF, Word, PowerPoint, Excel, Text, HTML
Media Player: Supported video file formats	AVI, WMV, MOV, MP4, DivX, MKV, M4V, OGV
Media Player: Supported audio file formats	MP3, WMA, MKA, OGA, OGG
Max. no. of devices simultaneously displaying material on-screen	4
Dual screen function	Yes
Max. receiver connections to Cynap via vSolution App	Virtually unlimited (depends on network infrastructure)
Local streaming	Yes (Unicast/ Multicast), RTP, RTSP
Webcasting to Wowza, YouTube and others (e.g. Facebook)	Yes
Local video recording	Yes, selectable up to 1080pFHD, 30fps, .mp4 file format
Capture agent (Panopto & other compatible video platforms)	Yes
Cloud services	Google Drive, Dropbox, Box, Jianguoyun, OneDrive, WebDAV
Access to Microsoft 365 apps	Yes, Microsoft 365 integration
Access to network drives	Yes
Whiteboard and annotation	Yes
Presentation modes	Protected Mode, Open Mode
Web conferencing support	Zoom meetings, Microsoft Teams, WebRTC
Integrated web browser	Yes
Customizable background image and screensaver	Yes
Video input	HDMI x2 (HDMI with HDCP 1.4) optional: HDMI In via USB framegrabber (third party)
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), HDMI, USB
USB ports	Rear USB 3.0 ports x4, front USB 2.0 port x1
LAN port	Yes, 2x 1GigE
Wifi standards (Wi-Fi 5)	2.4 and 5 GHz
Network protocols	TCP/IP, FTP, HTTP, HTTPS, SNMP/NTP, SSL, SSH, UDP, LDAP, LDAPS
IP configuration	DHCP, Static (IP address, Subnet mask, Default gateway, DNS server), Proxy, Interface priority
Security authentication for LAN	IEEE 802.1X
Security encryption for WLAN	WEP, WPA2, WPA2 Enterprise or IEEE 802.1X
RMS encryption	Yes
External controlling	Remote control with gyro sensor function, web interface, Visualizer, multi-touch display, room control system, USB 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")
Power consumption	Max. 105W
Weight	2530g (5.58lb) standard configuration 2655g (5.85lb) with HDBaseT (input & output)
Mounting options	Optional 19" rack unit mounting frame, under desk mount, USB hub, HDBase-TX module
Included accessories	Remote control, power supply, antennas
Free firmware updates included	Yes
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 Knowledge Creation



All units made in Austria, Europe.

Printed in Austria, May 2021

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