

vSolution Cynap™ Collaboration & Wireless Presentation System

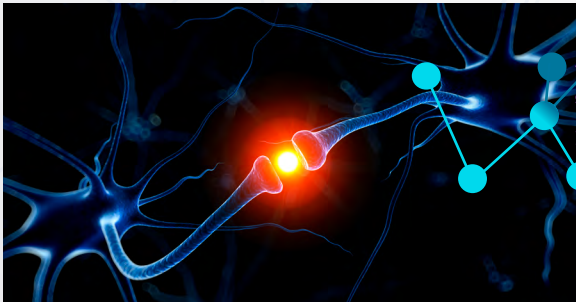


Collaboration, wireless presentation & knowledge sharing

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, Mac, and Chrome OS 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 (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.



vSolution Meeting Feature Pack

The optional vSolution Meeting Feature Pack integrates a room booking feature into Cynap which interfaces perfectly with your Outlook Calendar, and also features ad-hoc in-room booking capability. It's easy to up-

load files in advance of a meeting, and automatically distribute them afterwards, and the on-screen quick tools bar ensures quick and easy control of all content.





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 Feature 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 App

Capturing our own personalized recordings!

In addition to Cynap's powerful internal recording capability, our vSolution App for iOS, 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, 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, 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.



++ Video ++

Going wireless!

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



>> AirPlay

>> Miracast

>> Chromecast

>> vSolution Cast

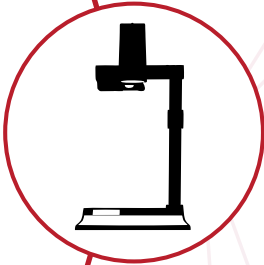


Key system benefits!



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 encrypted connections



Feature lock options



More information:



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, 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
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, IBM Cloud Video (Ustream), YouTube and others (e.g. Facebook)	Yes, via optional Webcasting Feature Pack
Local video recording	Yes, selectable up to 1080pHD, 30fps, .mp4 file format
Capture agent (Panopto/Opencast compatible)	Yes, via optional Capture Feature Pack
Cloud services	Yes, Google Drive, Dropbox, Box, Jianguoyun, OneDrive, Personal hosted cloud (WebDAV)
Access to Office 365 apps	Yes, via optional Office 365 Feature Pack
vSolution Meeting Feature Pack	Optional
Access to network drives	Yes
Whiteboard and annotation	Yes
Presentation modes	Protected Mode, Open Mode
Dynamic on-screen content arrangement	Yes
Web conferencing	Yes, Skype for Business via Office 365 Feature Pack, WebRTC
Integrated web browser	Yes
Customizable background image and screensaver	Yes
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
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, SNT/NT/NT, 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, HDBaseT-TX module
Included accessories	Remote control, power supply, antennas, LAN cable
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 the Creation of Knowledge



All units made in Austria, Europe.

Printed in Austria, July 2019

Your WolfVision Partner:



More information:

WOLFVISION[®]
www.wolfvision.com

Head Office:

WolfVision GmbH
6833 Klaus / Austria
Tel. +43 5523 52250
wolfvision@wolfvision.com

Japan Sales Office
WolfVision Co. Ltd.
Tel. +81 3 6233 9465
wolfvision.japan@wolfvision.com

USA Sales Office
WolfVision, Inc.
Tel. +1 770 931 6802
sales@wolfvision.us

Nordic Sales Office
WolfVision Nordic (Norway)
Tel. +47 9186 9736
wolfvision.nordic@wolfvision.net

Middle East Sales Office
WolfVision Middle East (Dubai)
Tel. +971 354 2233
middle.east@wolfvision.net

UK Sales Office
WolfVision UK Ltd.
Tel. +44 1628 509 067
wolfvision.uk@wolfvision.com

Canada Sales Office
WolfVision Canada, Inc.
Tel. +1 613 741 9898
wolfvision.canada@wolfvision.com

Asia Sales Office
WolfVision Pte. Ltd. (Singapore)
Tel. +65 6636 1268
wolfvision.asia@wolfvision.net

Germany Sales Office
WolfVision GmbH
Tel. 0800 9828 787
wolfvision.deutschland@wolfvision.com

