

SWITCH

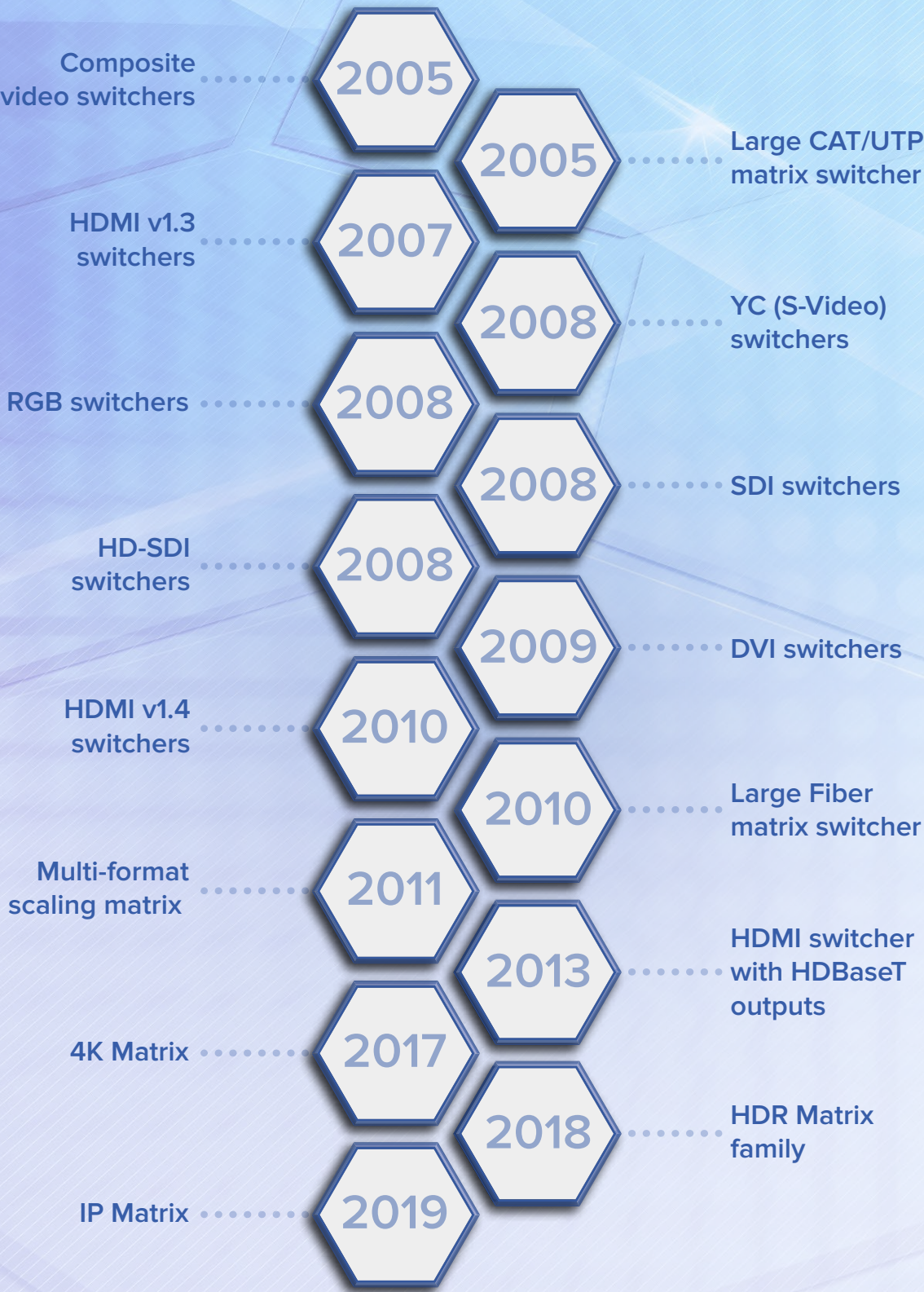
Best-in-class switches and matrices for sending sources to single or multiple destinations

Supporting mission-critical AV installations worldwide.
We Engineer Confidence.



tvONE®
We Engineer Confidence

tvONE switcher product development timeline



The tvONE difference:

Are you suffering from heart-stopping “AV moments”? Then step up to tvONE’s leading range of ultra-reliable switchers and matrices that feature award-winning performance as standard. Choose from our range of solutions for every need and every budget. From entry level products to advanced systems, tvONE provides easy integration of the most popular inputs and outputs together with solutions that can expand up to thousands of end points.

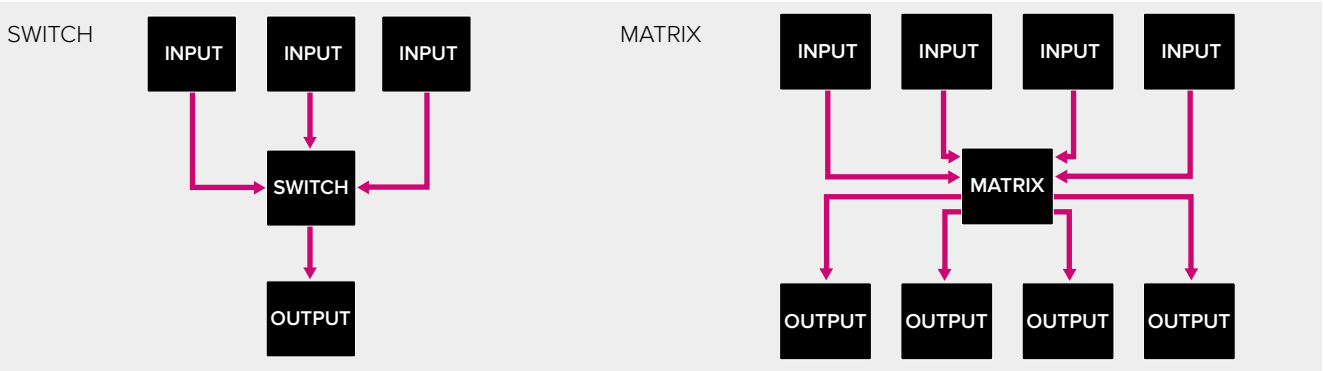
Switcher selection guide:

Experience our AV, Broadcast and IP solutions with rich feature sets including format conversion, scaling and extension.

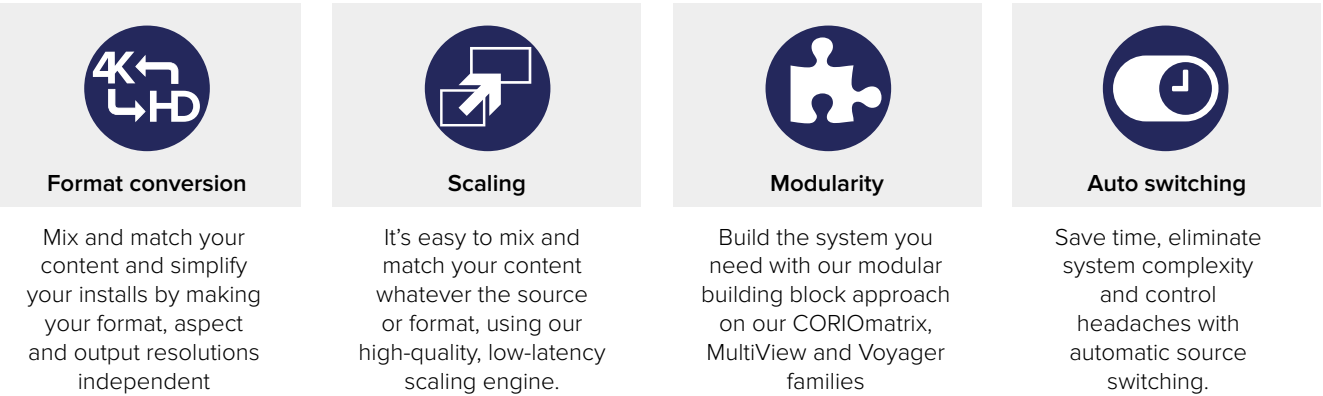
Cable type – tvONE has the widest range of input and output types. All our solutions are designed, manufactured and tested for real-world environments where interoperability and clean, synchronous switching are key while still maintaining low latency and high-quality.



Size – tvONE solutions include switches (single output) and matrices (multiple outputs) in a variety of sizes.



Features – Choose from the widest range of features for the perfect installation.



Control – tvONE solutions offer a range of options to allow users to easily control their matrix and switcher solutions. Choose from front panels, control software and web browsers, on screen display (OSD) and infra-red control options. You can also integrate our CORIO based solutions to popular AV control solutions simply and easily using our free to download plug-ins.



Small Switchers & Matrices - up to 8x8

Connect and present in seconds with our compact solutions with fast switching, wide format support and easy control. tvONE guarantees glitch-free switching between a variety of computer and other signal types to a single output for corporate, medical, government, hospitality and control rooms.

MX-6544



MX-6584



MX-6588



HDMI 2.0 is the new standard for switching 4K/60 video where you need life-like, deep color rendition. The MX-65xx matrix switcher series provides guaranteed HDMI 2.0 performance and allows you to switch multiple sources to multiple display devices independently or at the same time.

1T-SX-654



MX-8488



MX-5288



A range of small switches are available in a number of fit-for-purpose designs. tvONE guarantees high-performance routing of HDMI, DVI and HDBaseT signals. Full bandwidth processing, easy EDID management and a variety of control options ensures ultra-reliable operation and peace of mind for integrators and end users.

Compatible tvONE products

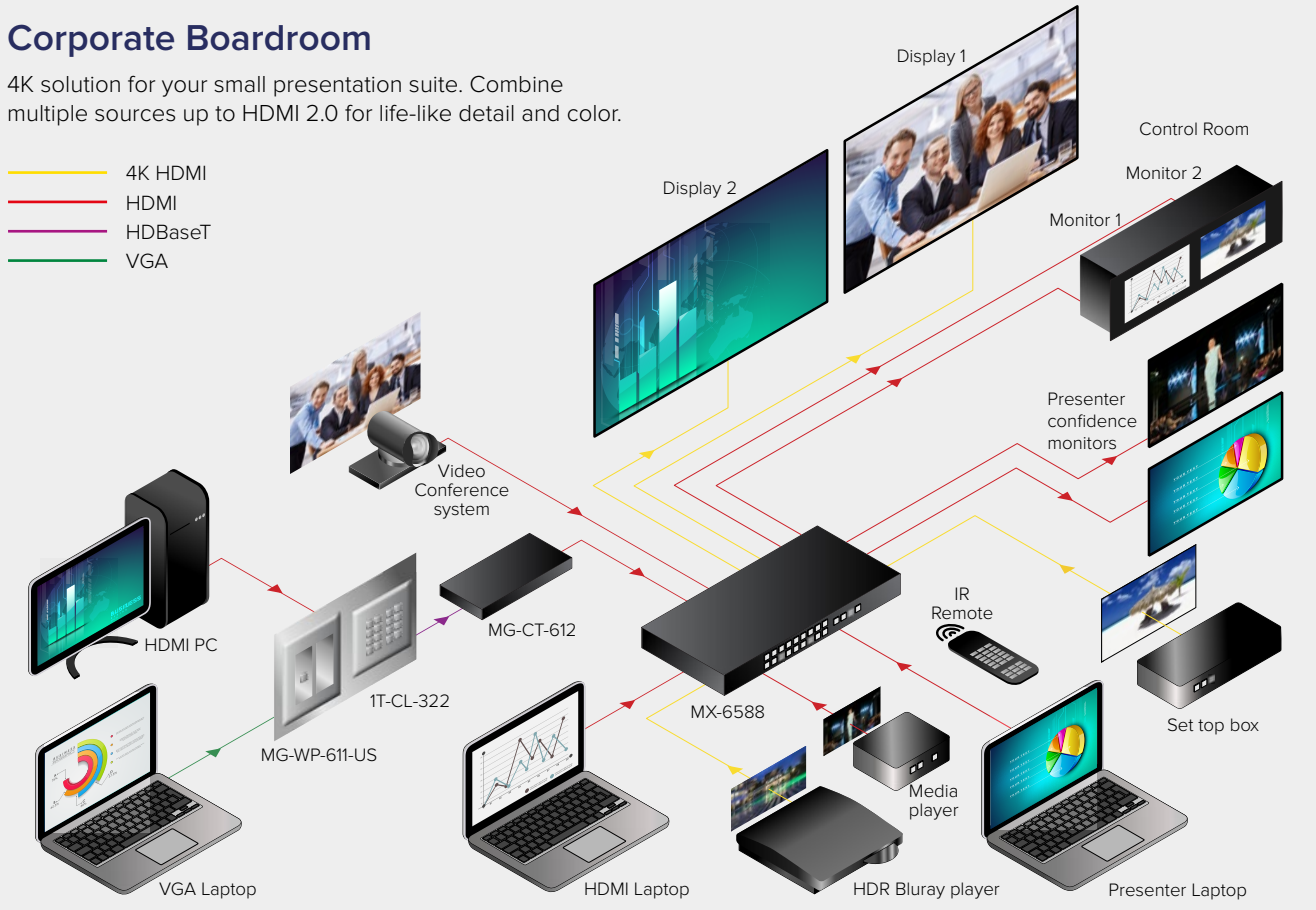


Small matrix application

Corporate Boardroom

4K solution for your small presentation suite. Combine multiple sources up to HDMI 2.0 for life-like detail and color.

- 4K HDMI
- HDMI
- HDBaseT
- VGA



Small switch application

Hotel Ballroom

Quickly convert your room from a wedding to corporate presentation with our HDMI 2.0 auto-switcher.

- 4K HDMI
- HDMI
- HDBaseT





The EU assembly in Belgium counts on many CORIOmatrices signal conversion abilities, every day

Medium Matrices - up to 60 inputs or 24 outputs

The CORIOmatrix series is the ultimate 4K modular AV matrix with scaling, format conversion and extension capabilities built in as standard. The versatility and adaptability provided by the CORIOmatrix modular design helps integrators overcome the wide-ranging challenges of BYOD.



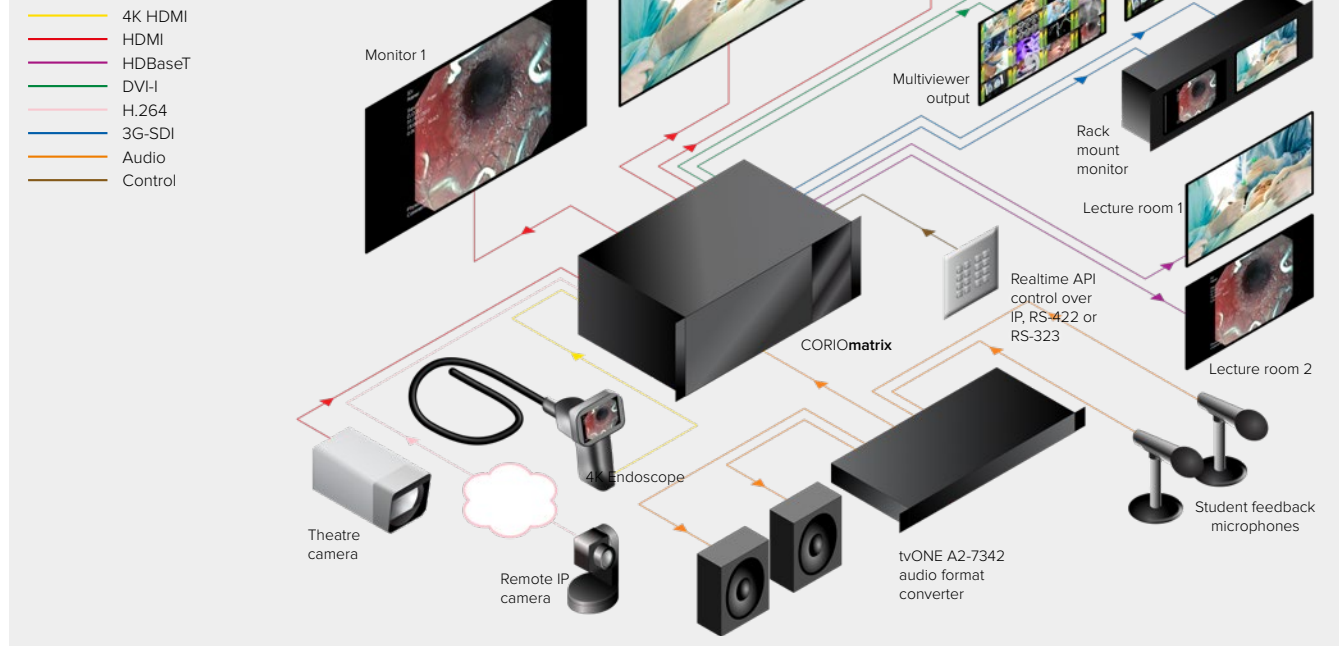
Compatible tvONE products



Installation examples:

Medical

Operating Rooms demand high-resolution video with ultra-low latency performance.

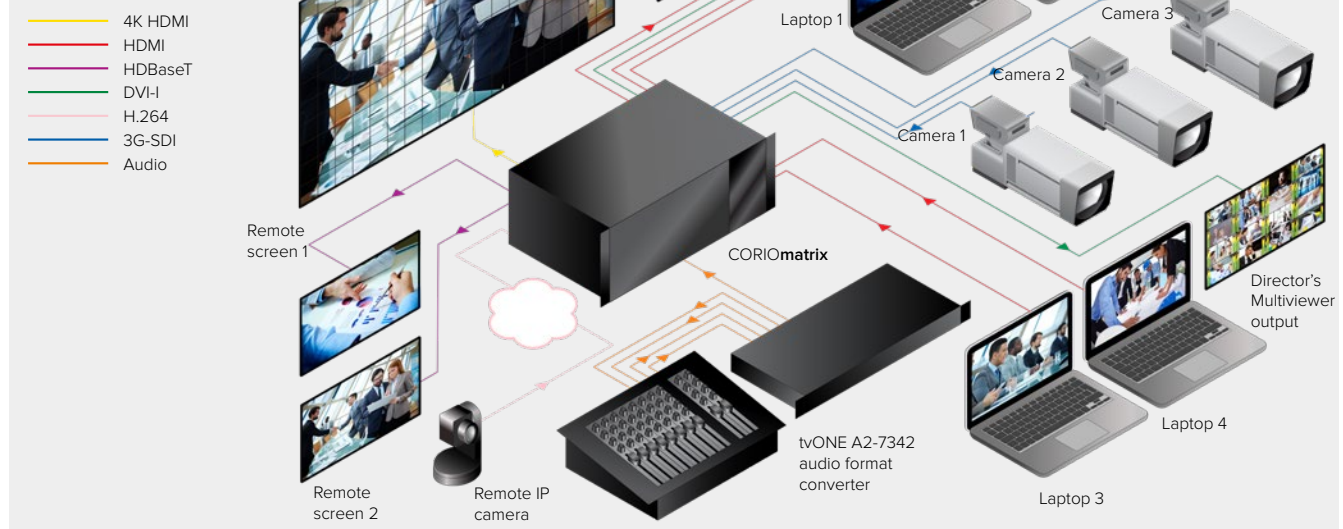


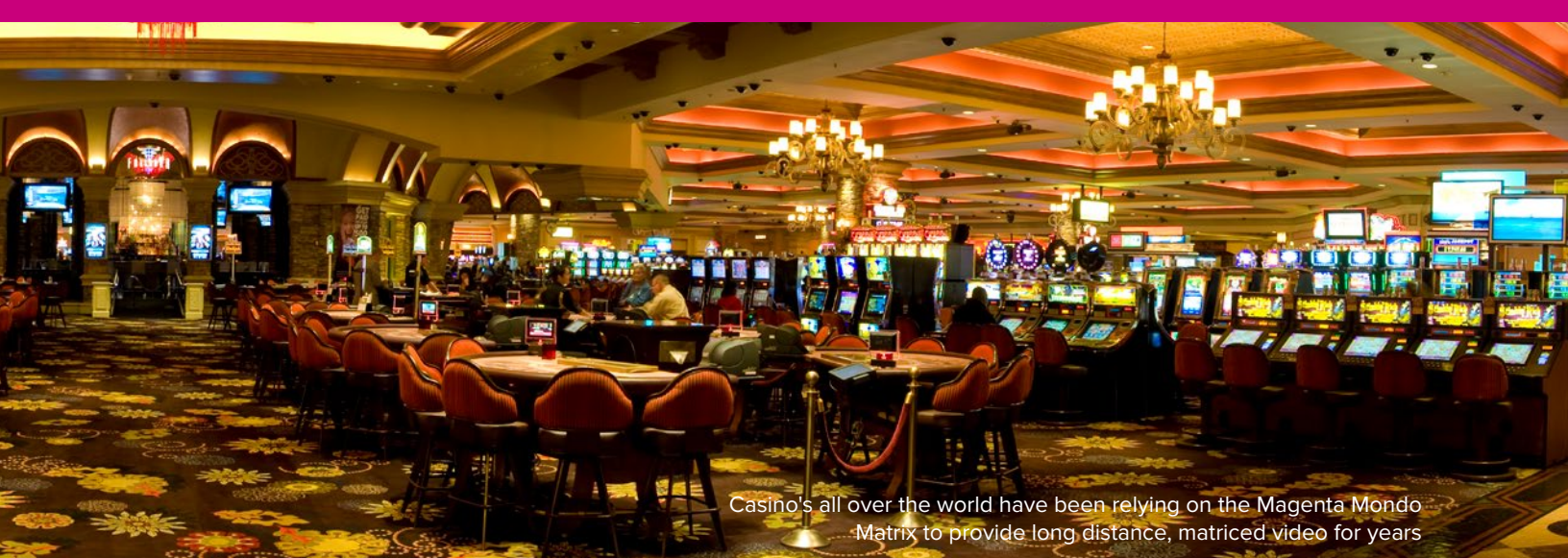
Custom and OEM Products

If your company has a unique requirement that's not available in our standard products, tvONE can create a custom solution for you. Please contact the tvONE team for more information.

Events

Boost your performance or presentation. Multi-format inputs, low latency and LED wall compatibility will captivate your audience.





Casino's all over the world have been relying on the Magenta Mondo Matrix to provide long distance, matrixed video for years



New York Stock Exchange relies on Voyager Fiber 24/7

Large CAT Matrices – up to 256x512

The Mondo is the benchmark for AV switching over UTP and is available in many configurations ranging from 16x16 up to 256x512. It's the proven core of many mission critical installations worldwide that deliver flexible switching and long-distance extension of video, audio and control signals.

Simply add MultiView end points for an ultra-flexible building block approach and easily adapt to any installation footprint with guaranteed performance up to 1200 feet (365m).

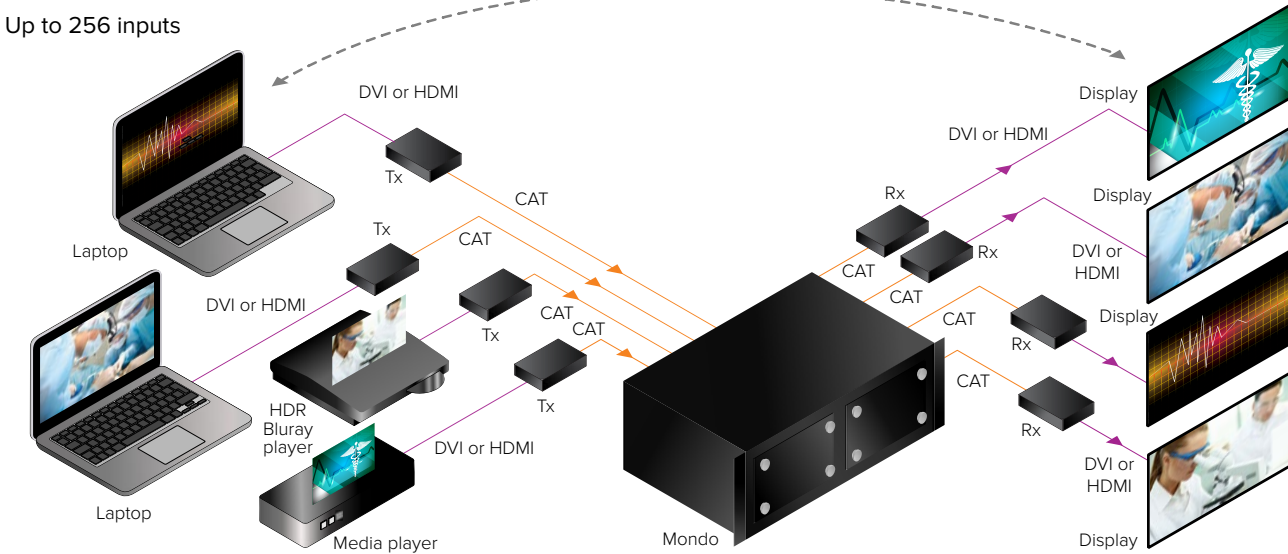
College application

Extend your vision. Go larger and go further with a matrix with fully integrated extension for video, audio and control.

Up to 256 inputs

Up to 1000 feet

Up to 512 outputs



Compatible MultiView products



Large Fiber Matrices – 1000+ ports

Voyager is a high-performance system using fiber for short or long-haul transport of uncompressed 1080p/60 video. Options include single-mode (up to 18.75 miles / 30 Kilometers) and multi-mode (up to 6,600 feet / 2 Kilometers).

The VG-Matrix series is the beating heart of large deployments of up to 2,000 end points. The modular and scalable full cross point matrix switching platform is field configurable in increments of eight inputs and/or outputs up to 160x160 and beyond.

Simply add interoperable modular or compact form end points to your matrix for a limitless variety of end-to-end configurations for the distribution of uncompressed video, audio and RS-232 control signals.



Compatible Voyager products



Product Summary

		Inputs					Outputs					Resolution				Advanced Features				
Small HDMI 2.0 Switchers & Matrices - up to 8x8	Size	HDMI	DVI	3G SDI	Analog	IP	HDMI	DVI	3G SDI	Analog	HDBaseT	SD	1080p	4K	Custom	Scaling	Fast Switching	Signal conversion	Audio	Additional Features***
MX-6544	4x4	✓					✓							✓					✓	
MX-6584	8x4	✓					✓							✓					✓	
MX-6588	8x8	✓					✓							✓					✓	
1T-SX-654	4x1	✓					✓							✓					✓	

		Inputs					Outputs					Resolution				Advanced Features				
Other Small Switchers & Matrices - up to 8x8	Size	HDMI	DVI	3G SDI	Analog	IP	HDMI	DVI	3G SDI	Analog	HDBaseT	SD	1080p	4K	Custom	Scaling	Fast Switching	Signal conversion	Audio	Additional Features***
MX-8488	8x8	✓									✓		✓							
MX-5288	8x8		✓					✓					✓							
1T-MX-6344	4x4	✓					✓						✓							
1T-SX-644	4x1	✓					✓						✓				✓			
1T-SX-632	2x1	✓					✓						✓							
1T-C2-750	2x1		✓					✓					✓			✓	✓	✓		✓
MX-3141PCA	4x1				✓					✓		✓	✓							
MX-3141CSVA	4x1				✓					✓		✓						✓		
AVT-6071	8x1	✓			✓		✓					✓	✓					✓		
C2-8000	12x2		✓					✓					✓		✓	✓	✓	✓		✓
C2-2855	6x1	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓		✓	✓	✓	✓		✓

		Inputs					Outputs					Resolution				Advanced Features				
Medium Matrices - up to 60 inputs or 24 outputs	Size	HDMI	DVI	3G SDI	Analog	IP	HDMI	DVI	3G SDI	Analog	HDBaseT	SD	1080p	4K	Custom	Scaling	Fast Switching	Signal conversion	Audio	Additional Features***
CORIOmatrix	60*x24*	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
CORIOmatrix mini	18*x10*	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

		Inputs					Outputs					Resolution				Advanced Features				
Large CAT Matrices - up to 265x512	Size	HDMI	DVI	3G SDI	Analog	IP	HDMI	DVI	3G SDI	Analog	HDBaseT	SD	1080p	4K	Custom	Scaling	Fast Switching	Signal conversion	Audio	Additional Features***
Mondo	256x512		✓		✓			✓		✓		✓	✓					✓		

		Inputs					Outputs					Resolution				Advanced Features				
Large Fiber Matrices - 1,000+ ports	Size	HDMI	DVI	3G SDI	Analog	IP	HDMI	DVI	3G SDI	Analog	HDBaseT	SD	1080p	4K	Custom	Scaling	Fast Switching	Signal conversion	Audio	Additional Features***
Voyager matrix	500x500**	✓			✓		✓					✓	✓			✓	✓	✓		

* Modular matrices, this is max inputs or max outputs

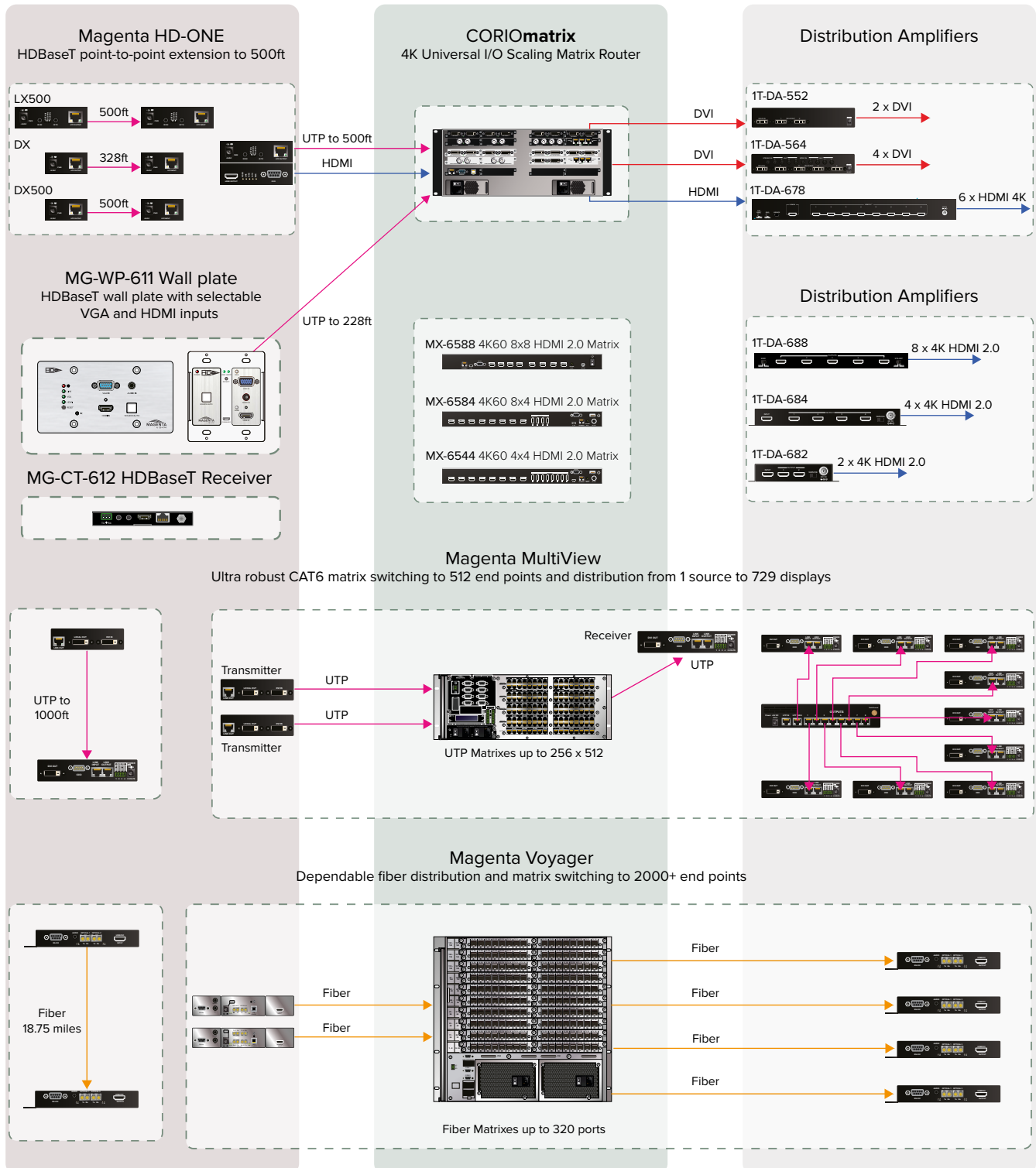
**Voyager Matrix does not require equal number of inputs and outputs

*** Advanced features include windowing, logo insertion

EXTEND

SWITCH

DISTRIBUTE



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