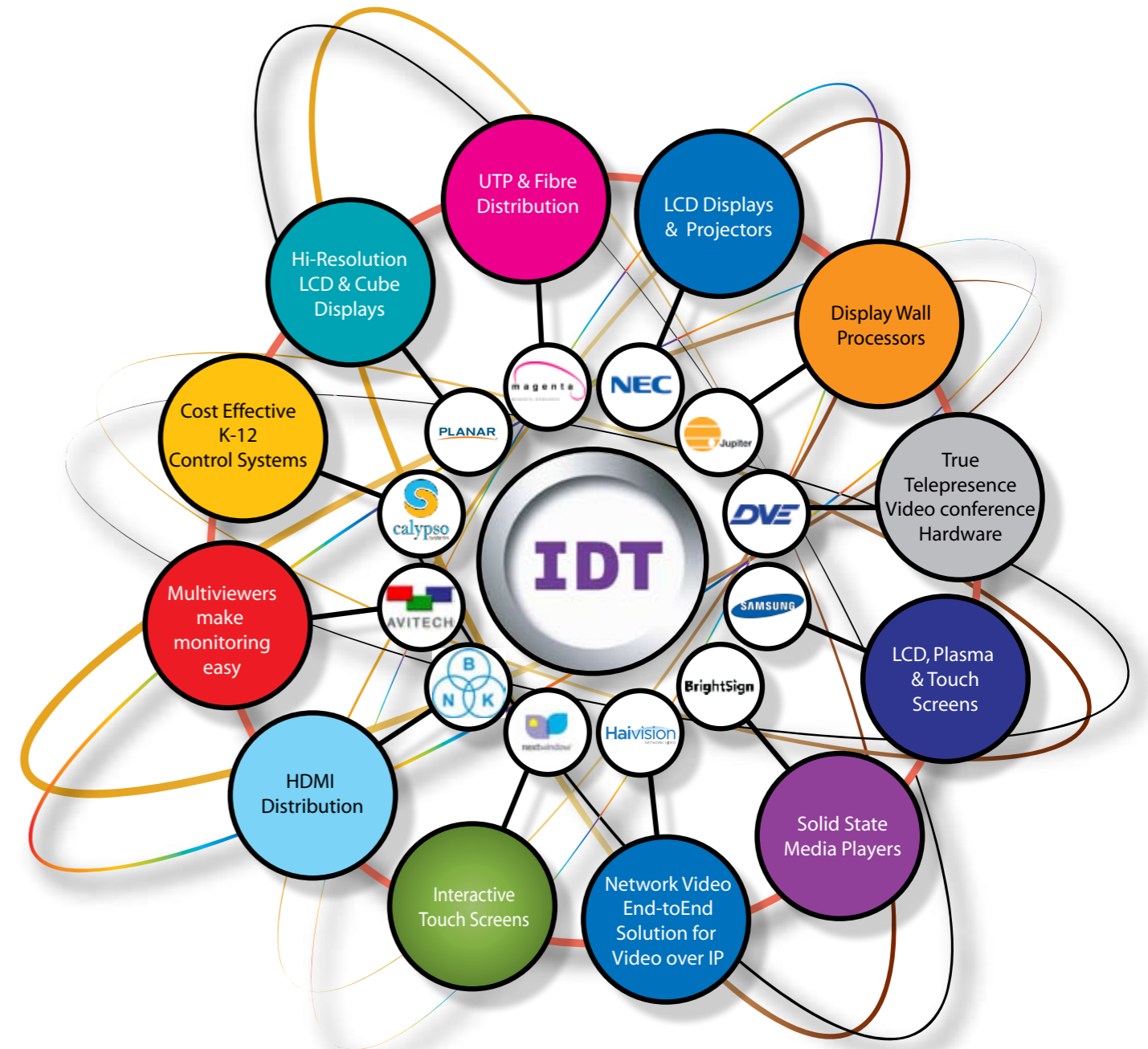


# IMAGE DESIGN TECHNOLOGY



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# PRODUCT RANGE OVERVIEW

## Introduction

IDT is one of Australia's leading distributors of audio visual products. Representing 12 of the world's leading AV manufacturers in Australia and New Zealand, IDT concentrate on adding value by providing excellent customer support in planning and delivery, exceeding customer expectations for on time delivery and excelling in technical support.

## Notes:

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The range includes Commercial LCD Screens in sizes ranging from 23 to 82" and Commercial Plasma screens 50 & 63".

**Enhanced Functionality - Powerful, professional display solutions**  
Designed for versatility, Samsung LFD monitors provide a versatile range of functions and features that enable them to perform to perfection, anywhere. Indoors, outdoors, stand-alone or in a video wall, they are created to allow you to choose how, where, and what you want to display.  
Features include: Support video wall function, Enhanced multi-display control, Powerful slide-in PC, Versatile screen rotation and more.

**Economical Cost - A cost-effective way to display**  
The extreme energy saving and reliability of Samsung LFD solutions enables you to create a high-impact, low-cost digital display environment. With their powerful built-in PC, long lifetime, and extended after-sales service, they give you everything you need from a LFD.  
Features include: A professional panel for life, Reduced cost, Enhanced performance.

**Eco Solution - Being green never looked so good**  
As the world's leading display manufacturer, Samsung are aware of their responsibility to the environment. The LFD monitors are designed to not only to generate profit but to create a greener planet as well. Featuring advanced Energy Saving and Eco-operation modes, enhanced LED BLU lifetimes, LFD monitors provide professional display solutions that put the PlanetFirst™.  
Features include: Redefining technology through Eco-innovation, Eco-LED BLU, Energy Star 5.0 certified.

**Easy installation, Easy operation**  
Vertical, horizontal, curved, or flat, Samsung LFD monitors can be combined to create the ultimate digital display environment. Their easy installation and operation means that all you have to do is decide where they should be placed for maximum impact.  
Features include: Easy network maintenance and upgrade, Web-based network management (MagicInfo i), Build a better video wall.

**E-Board Solution / 650TS Interactive multimedia education**  
The super-slim style of the Samsung 650TS creates a powerful visual presence. The effectiveness of its high-visibility touch screen is enhanced by its wide viewing angle, ensuring that every student has access to information displayed on-screen. With its built-in speaker, web-cam, dummy pen, and U-Class educational software, it brings interactive multimedia into the educational environment.

**UT series Super Narrow Bezel**  
Samsung UT Series LFD feature a super-narrow bezel that enables them to create a seamless and super-effective video wall. At only 6.7mm (bezel to bezel) thickness, Samsung UT Series LFD dramatically reduce the distance between parts of the image, presenting a more complete and coherent multi-display image and providing a much larger and more effective display area.

**LED Back-light unit**  
Samsung LED BLU boast world's thinnest at just 1.6" deep, lightest and most energy efficient professional displays. As the LED leaders in professional displays the world 1st LED LFD have been the most eco friendly product, enable users to feel cutting-edge high technology but reduction of total cost operation. The 120Hz panel refresh rate allows faster scrolling of text, dynamic contents playing. Full HD 1080p for the highest resolution images and rich colour reproduction of LED provide the outstanding display.



40" UX-3 - Stackable LCD Video Wall



650TS - Interactive Touch Screen



46" UT-2 - Super Narrow Bezel

Visually monitor your audio, video and computer signals the cost-effective way with Avitech's family of multiviewers... With a key focus on "monitoring made easy" as well as quality, scalability and redundancy, Avitech provides visual monitoring solutions for the Broadcast, Security & Surveillance, Information Technology and Professional AV (ProAV) Markets.

Providing solutions to meet all budgets and input requirements, Avitech is the multiviewer of choice for system professionals worldwide.

## Titan



Titan series multiviewers display industry-recognized high quality computer and video inputs on one or multiple screens. Titan 8000 (formerly the VCC series)

- Computer (DVI/VGA/YPbPr), composite (PAL/NTSC), and HD/SD-SDI video inputs
- Output resolution of up to 1920 x 1200
- Integrated on-screen display including labels, borders, alarms, tallies, and a built-in digital clock



## Rainier



The Rainier series features high quality multiviewers exclusively for processing HD/SD-SDI/CV video signals. Perfect for mission critical video monitoring and television broadcasting, the Rainier modules provide the best performance to price solutions.

**Rainier Essentials (1.5G HD/SD/NTSC/PAL models)**

- Four auto-detecting inputs for Composite (PAL/NTSC) and HD/SD-SDI per module
- Integrated OSD includes labels, borders, and tally
- Cascade up to four modules

**Rainier 3G**

- Eight 3G/1.5G/HD/SD-SDI/CV inputs
- Two DVI-I/HD-SDI outputs
- Built-in 8x8 cross points and bilateral internal cascading
- Cascade up to 15 modules to monitor up to 120 sources on either one or two screens

## Sequoia

The Sequoia series adds another dimension of versatility to multiviewing with the integration of audio, a USB hub, and a switching function for mouse/keyboard control. Powerful, elegant multi-tasking is just a click away.



**Sequoia 2x2V**

- Two VGA/DVI-I/YPbPr and two CV/HD/SD-SDI (BNC) inputs
- One HDMI output (DVI output with HDMI to DVI Adapter)
- Fanless, compact design



**Sequoia 4H**

- Four HDMI inputs
- One HDMI output
- Desktop or rack mountable design



**Sequoia Station**

- Complements the Titan series multiviewers by adding mouse/keyboard control
- Supports up to 16 computers on one to four screens
- Compatible with Windows, OS X, and Linux, as well as USB and PS/2 based computers



BrightSign products are non-PC solid-state media players that support standard and high-definition videos, photos, music and interactivity. Specifically designed for digital signage and interactive kiosk applications, BrightSign is fully scalable from a simple one-screen implementation in a small store to a multi-screen, multi-site managed installation.

All BrightSign players deliver full HD-quality content for vibrant, high-impact, sharp and colourful displays. From simple looping playlists to all-inclusive interactive and networked solutions, BrightSign has a model for you. BrightSigns interactive playlists support buttons, touch screens, GPIO, serial ports, USB devices, Mpeg-2 & Mpeg-4 looping video or stills, zones and text ticker capabilities.



**BrightSign Compact HD Players**



**HD-1010 WiFi**



**HD-1010 Front**



**HD-1010 Back**



**TD-1012**



### HD Compact Range

HD110, HD210, HD210W, HD410, HD810, HD1010, HD1010W models are now physically compact, making them easy to place out of sight. All deliver full HD-quality content for vibrant, high-impact, sharp and colourful displays. From simple looping playlists to all-inclusive interactive and networked solutions, BrightSign has a model for you. BrightSigns interactive playlists support buttons, touch screens, GPIO, serial ports, USB devices, Mpeg-2 & Mpeg-4 looping video or stills, zones and text ticker capabilities.

New TD1012 solid-state tabletop display is a freestanding, all-inclusive digital signage solution that doesn't require a PC or any external power or wiring. Wi-Fi (802.11a/b/g/n) enabled.

BrightAuthor is a PC software application for BrightSign that makes creating, publishing and managing BrightSign presentations simple and dependable. It is the central application for all your BrightSign needs, from building and distributing eye-catching presentations to managing your entire network of remote signs. Not only does BrightAuthor offer an intuitive user interface and a wealth of digital signage features, it is also free of charge to all BrightSign customers. Experience BrightAuthor and see how easily it brings your presentations to life.



Planar Clarity rear projection video cubes are the most advanced, reliable digital display technologies available.

Planar Clarity have been designing, installing and servicing digital display and video wall systems for demanding control room and corporate applications worldwide for more than a decade. There are literally thousands of installations around the world that demonstrate a proven track record.

Planar offer a comprehensive range of digital displays. Choose the size and type of display that works for you: screens up to 82 inches diagonal, 4:3 and 16:9 aspect ratios, DLP® or LCD technologies.

The range also includes powerful options for automatically balancing color and brightness, and monitoring display performance throughout the life of your video wall.

The open system foundation ensures compatibility with a wide variety of components and technology platforms, giving you maximum flexibility. Our systems can be integrated quickly and easily with the most popular multi-image processors, networking technology, content management systems, and specialized software and audio-visual equipment.

**WN-6750 Series  
67" AP/LCD Rear Projection Cubes XGA & UXGA Resolutions**



**c70HD-LED Series  
70" DLP Rear Projection Cubes Native 1080p Resolution**



**c50RP Series  
50" DLP Rear Projection Cubes SXGA+ Resolution**

**Clarity Matrix LCD Video Wall System**

For public venue and control room video wall customers who want the thinnest profile LCD video wall and uninterrupted operation, Clarity™ Matrix LCD Video Wall System is the ultra-narrow bezel LCD video wall family that provides outstanding tiled visual performance, supports 24x7 operation and requires minimal installation space.

Unlike other LCD video walls, Clarity Matrix combines an ultra-thin profile and unique tiling optimization features in an integrated, mission-critical system design. The Clarity Matrix family utilizes cutting-edge ultra-narrow bezel LCD's with pixel-to-pixel gaps as small as 5.7mm between images on adjacent panels in the video wall.



**55" Clarity Matrix LCD Video Wall**



**46" Clarity Matrix LCD Video Wall**

**Choice of Clarity Matrix LCD Panels**

- Matrix MX for higher ambient light environments, available in 46" and 55" displays
- Matrix LX 46" for lower power consumption
- Matrix with ER0TM 46" for extended ruggedness and optics for public spaces and interactive touch applications Clarity Matrix Key Components
- Clarity Matrix EasyAxis™ mounting system simplifies the task of installing and perfectly aligning LCD modules while allowing for efficient servicing.
- Clarity Matrix Quad Controller Module and Power Supply Module drive the video wall and facilitate uninterrupted operation.
- Clarity Matrix configuration, management and processing software simplifies set-up and management of the video wall accommodating a range of image processing solutions.
- One price, one complete video wall system.

**Flexible video processing**

Clarity Matrix supports a wide range of processing options to display sources on the video wall. Planar's Big Picture Plus processing is built into Clarity Matrix and allows sources to be scaled across the entire video wall or any section of the video wall. To simplify the set-up process of Big Picture Plus, Clarity Matrix has position sensors built in the LCD that determine where it is located within the array and scale the sources across the video wall automatically.



**Clarity Matrix Video Module**

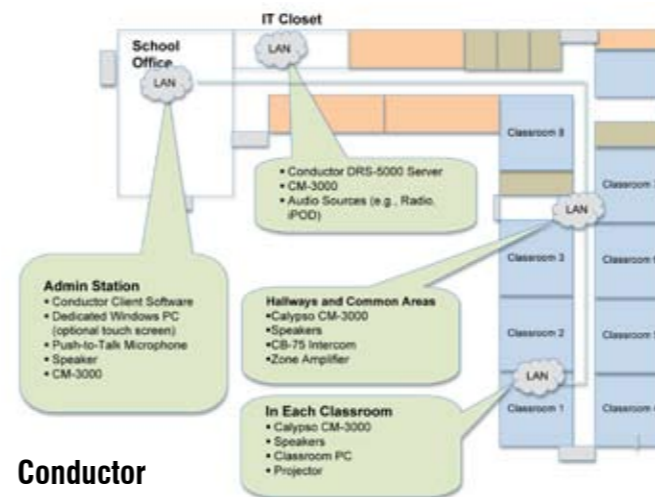
Calypso Systems is devoted to improving K-12 learning outcomes by making it easier to build, manage and use media-rich classrooms.

Calypso products cover a range of classroom needs, including networked control of classroom media devices such as projectors and DVD players, control panels for teachers and administrators, classroom audio amplifiers, wireless classroom microphone systems and various wiring and connectivity tools. In addition to selling individual products through a network of certified installers.

The secret to Calypso is Simplicity and Cost Effective systems.



**CM3000 - Network Audio Controller**



**Conductor**

Conductor, for the first time, brings together school-wide administrative and classroom instruction audio distribution and management in one system that operates over a school's IP network. An enterprise class client-server software, Conductor manages all aspects of school audio, including bells and tones, paging, intercom, emergency alert and classroom audio through a secure, intuitive graphical interface. It's a comprehensive, integrated school audio solution that leverages existing school networks for audio distribution.

encore! software package provides the tools needed by dealers and system integrators to build Windows-based, graphical control interfaces for classrooms. encore! is designed to be used either as a stand-alone interface – steering commands through serial ports or to IP addresses – or with Calypso network controllers.

In addition, encore! supports bi-directional communications through Calypso's unique "pattern matching" technique. With no code-writing, and when used with a Calypso controller, encore! buttons can be configured to reflect the current state of projectors, AV switches and more.

The CM-3000 is an integrated networked audio controller that simplifies the distribution and management of classroom and school-wide audio. Included in the CM-3000 are a:

- 4 input, 32 watt amplifier
- Networked classroom A/V controller
- IP audio encoder/decoder
- 4 port 10/100 switch
- RS 232 and IR control outputs

**CB-2000 - Single-gang, wall-mount 8 button panel with IR & Serial control**



**CB5000 - LCD Touch Screen Wall-Mount Controller**

SoundPost - Portable Voice and Audio Amplification with wireless Projector Control. Plug into power and go! Use the included microphone from anywhere in the classroom.



**SoundPost**



**CP-650 Double gang wall plate**

**CP-450 Single gang wall plate**



**encore! Teacher Desktop AV Control Software**

The distribution of high quality video and audio over IP networks has long been a holy grail. Products are rapidly being developed that satisfy this demand, and these products coupled with the expanding bandwidths and increased robustness of IP networks means that the holy grail is now within reach.

Haivision is the premier supplier of high quality, broadband interactive video communication equipment to video systems integrators, telecom carriers and service providers worldwide.

Haivision products are suitable for point to point, point to multipoint, IPTV, broadcast and video back haul applications. Haivision's products are based on award winning MPEG-2 and H.264 MPEG-4 Part 10 technology. They deliver DVD quality video and audio with no perceptible delays and perfect lip synchronization over IP and ATM networks.

With a significant history within the broadband interactive video market, Haivision have broad and strategic product deployments within the core market areas of distance education, telepresence, virtual classroom, boardroom video conferencing, operational video communication, security and surveillance, and tele-medicine.

Haivision is dedicated to delivering technologies to address the specific needs within these markets; including the highest video and audio quality, the most efficient use of network resources, and product design for quality demanded by the most rigorous installations.



Contribute

Manage

Distribute



Mako Makito Barracuda



Video Furnace System 5



InStream Player STINGRAY Set Top Box

### Haivision's solutions are based on:

- Performance & efficiency – moving video effectively over IP
- Compatibility – once encoded video must be useful across many platforms and networks, viewable on many devices
- Ease of deployment & use – systems that create roadblocks for IT (implementers) or users will not gain acceptance. Acceptance = success.
- Security – all enterprise systems need some level of security. Example for medical, administrators need to know (and control) who sees what and when.

### Haivision's Portfolio Today

- MAKO-HD** • The fastest HD H.264 multi-stream codec (hai1000) for telepresence and medical applications
- MAKITO** • The latest price/performance benchmark for HD H.264 encoding – up to 1080p60
- BARRACUDA** • Compact SD H.264 encoding with “encode once” features for IP video distribution
- videofurnace** • End-to-end HD H.264 IP video system with live video management, channel playback, and VOD
- InStream** • “Zero Footprint” player technology – nothing to install, 100% secure – IT friendly, user friendly
- STINGRAY** • Set top box, supporting HD 1080p, centrally controlled, synchronized with soft players
- PIRANHA** • High performance video, audio, and data for defense applications
- Viper** • MultiStream Recording, Publishing, Streaming stand-alone unit

NextWindow is a leading designer and developer of optical touch screens. NextWindow manufactures touch sensitive overlays for existing LCD or plasma displays, and also OEM touch assemblies for integration into 3rd party manufacturers' display products.



Touch Screen Overlays turn any existing LCD or Plasma into an interactive touch screen. Ideal for digital signage, directory and wayfinding kiosks, and interactive education touch screens

NextWindow's touchscreen technology is used by leading companies around the world and across a wide range of industries, including telecommunications, tourism, retail, real estate and public information. Major applications include digital signage, directory information and wayfinding, wildlife exhibits, retail displays, digital whiteboards, interactive education, trade shows, real estate advertising, exhibitions, and many more.

## Telepresence Hardware



Today improved definition codecs, the bugs of IP conferencing worked out, inexpensive T1 connections even to homes, reduced cost for high-end codecs, a wave to upgrade legacy conferencing, and a general consensus that old-time videoconferencing needs to radically improve in order to truly simulate being there in person are all merging together at this time. The conferencing industry is now and will rapidly expand from videoconferencing from a generation ago to the new True Telepresence interactive visual experience pioneered, patented, and perfected by DVE.

Whether it's a web camera sitting on top of a computer monitor or an expensive high-resolution camera mounted atop a custom, built-in room projection screen, all typical videoconferencing systems ignore visual communication fundamentals and they fail to deliver on the videoconferencing industry's great promise for True Telepresence.

DVE's line of videoconferencing products deliver True Telepresence, offering real eye-to-eye contact. With DVE's patented technology, people in several different geographical regions can feel that they are all in the same conference room together. How does this happen? True eye-to-eye contact and the availability of life-size imaging technologies -- the marriage of art and science.



**ETS Executive Telepresence System - Bring the World to Your Office with True Telepresence in High Definition!**



**DVE Huddle Room - The Intelligent and Affordable Telepresence Solution for Meeting Rooms**



**M Series Digital Projectors**



**U Series Short Throw Projectors**



**X462UN - 2x2 wall**

### M Series

Easy to use and at the right price, M Series projectors provide all the essential features that you need to connect with your audience.

#### ESSENTIAL FEATURES FOR EDUCATIONAL FACILITIES

- Plug and Play intuitive setup and operation
- Versatile, colour-coded connections to computer, video sources and external monitor
- Automatic keystone correction technology instantly projects a square image even when the projector is set up at a steep offset angle to the screen
- Autosense™ intuitively syncs the projector with most computer signals and features one-touch image optimization
- Powerful 10-watt speaker provides volume needed for large rooms
- With XGA and WXGA native resolutions, high brightness up to 3000 lumens and patented NEC technologies, M Series projectors display impressive image quality

### U Series

With an environmental and user-friendly design, these ultra short throw projectors can be set up anywhere, to project a large, bright, clear image. Using aspheric mirror technology, this ultra short throw projector is perfect for classrooms and small meeting rooms.

### LCD Displays

NEC Commercial LCD displays are designed to meet the needs of demanding corporate and public display usage, and are ideally suited to applications in retail, hospitality, education, corporate, leisure and travel industries.

LCD is a more robust technology, which is a definite advantage if the product is in a remote location - as the administrator you do not want to be worrying about how the content will affect the life span of the panel. E.g. Passenger information in airports or on railway stations or in shopping centres running advertising.



## HDMI over UTP & Fibre



**T1-XP - Transmitter**  
supports 1080i, 1080p



**RD1-XP - Receiver**  
supports 1080p to 45m & 1080i to 60m



**RD2-XP - Daisy chain receiver**

Blu-Wire™ from Obonok sets a new benchmark in HDMI signal distribution over a SINGLE UTP cable

Obonok Technologies manufactures Blu-Wire™ the world's highest-performance HDMI-(High Definition Multimedia Interface)-over-UTP (unshielded twisted pair cable, or CatX) electronics. The HDMI signals are neither compressed nor buffered, so video quality is not degraded and no delay is introduced even when daisy-chained. Blu-Wire™ can distribute HDMI to hundreds of HDTV's with NO adjustments.

Existing HDMI over STP/UTP extender solutions require two CAT5e/6/7 cables, one of which must be a shielded cable for video signals. These products use the second cable for the HDCP signals. The HDCP signals are not suitable for long distance connections. These kinds of products can have very unstable HDCP performance.

Blu-Wire™series products extend uncompressed 1080p HD digital Video and Audio over much longer distances using a single CAT5e/6/7 UTP cable, supporting both audio and video. The HDCP signals are specially processed and transported with the video signals to meet the requirements of long distance connections.

Jupiter Systems is the leading worldwide supplier of display wall processors. Jupiter's best-of-breed products are designed for continuous, 24x7 operation and are used in network operation centers, electric power generation, transmission and distribution control rooms, boardrooms, intelligent traffic systems, emergency services dispatch centers, financial management operations, surveillance and security centres, and fixed and mobile military command centres in thousands of sites around the world.

Jupiter takes visualization one step farther. With a simple drag and drop user interface, users can select, move, compare, manipulate, and engage the information. Collaborating freely in the analysis, scenario planning, and execution, better decisions are made faster. The visual information can even be shared with remote colleagues on video walls across campus or across the country, bringing distant expertise to bear.

### Fusion Catalyst™

The New Standard in Display Wall Processors. The Fusion Catalyst family of display wall processors ushers in a new era of performance and flexibility for collaborative visualization applications. Employing cutting edge, second generation PCI Express technology, Fusion Catalyst processors offer up to an astonishing 320 Gbps of bandwidth. That's enough bandwidth to carry multiple ultra-high resolution video signals at a full 60 frames per second, drive ultra-high resolution monitors at a full 32 bits per pixel, and support virtually any configuration requirement.

Remember to bring your applications, because Fusion Catalyst is not just a display wall processor, it's also a PC with Intel CPUs and Windows 7. Run mission-critical apps, access data through the network, engage the information, and collaborate on a wall-sized desktop.



**Fusion Catalyst 4000**

The Fusion Catalyst 8000 & Fusion Catalyst 4000 are built to order in Jupiter's ISO 9001:2008 registered US factory to meet the specific requirements of each customer, depending on model:

- Up to 120 graphics outputs
- Up to 100 DVI, HD, or RGB inputs
- Up to 400 video inputs
- Up to 200 HD streaming video inputs
- Up to 400 SD streaming video inputs
- Up to 10 Gigabit Ethernet ports



**Fusion Catalyst 4000 back**

### PixelNet®.

The Distributed Display Wall System. PixelNet is a revolutionary new way to capture, distribute, control and display video and audio sources, both analog and digital, for audiovisual applications. Based on high bandwidth networking technology previously used for data communications networks, PixelNet adopts Gigabit Ethernet and Ethernet switches for use with high resolution, real time video. Using packet-switching technology, any information source can be shown on any display, as a window on a single display, or as a window spanning multiple display devices in a display wall.



**DVI Input Node**



**Analog HD Input Node**



**3G-SDI Input Node**



**Quad SD Input Node**



**Audio Output Node**



**TeamMate Output Node**

### Building a PixelNet System

Step One - Match the input sources with an appropriate input node. The PixelNet product line serves many common input requirements with the PixelNet DVI, PixelNet Analog HD, PixelNet 3G-SDI and PixelNet Quad SD input nodes.

Step Two - Attach a PixelNet TeamMate output node to each display. Sources can be displayed on DVI/RGB outputs with true flexibility: The PixelNet TeamMate output node can drive a single window on a single screen, multiple windows on a single screen, or an entire display wall. If audio is desired, attach a PixelNet Audio output node—it will find and play any audio signal presented by a source connected to an audio-capable PixelNet input node.

Step Three - Connect the input and output nodes through a PixelNet Switch. These 48-port switches can be stacked for larger installations, augmented by a 10G backbone switch where needed. All connections between nodes and switches are accomplished using common CAT6 cables up to 100 metres in length. This inexpensive cabling can greatly reduce the cost of wiring a large control room compared to traditional coax cables for analog signals and fiber optic extenders for DVI digital. If longer distances are required, fiber solutions can extend PixelNet transmission distances to miles.

Step Four - Manage it all with Jupiter's PixelNet Domain Control software running on a PC connected to the PixelNet Switch.

## MultiView Series

### The Benchmark in AV Signal Distribution over UTP

The proliferation of AV for information displays and dynamic signage applications often relies on the distribution of audio, video and serial signals over distances that exceed the capabilities of standard cabling. Magenta Research's world renowned MultiView Series overcomes the limitations of standard cabling and simplifies the installation process by enabling the distribution of all three signals over a single UTP cable to achieve an unmatched range of 610m at HD-quality (1920x1200). All MultiView Series Products support RGBHV, Composite, S-Video and Component Video.

Whether the application is point to point, point to multi-point, or multi-point to multi-point, the MultiView Series offers the world's most comprehensive portfolio of building block components ready for the simplest to the most complex installations.

### Renowned Quality, Performance Et Reliability

- Highest quality HD-video and audio over entire 0 to 610m range
- Comprehensive building block components offer infinite configuration options
- Designed for 24/7 operation

### Comprehensive Building Block Components

- Transmitters 1, 4, and 8-port versions
- Receivers 153m to 609m distance ratings
- Distribution Amps 1x9 line splitters
- Full-Matrix Switchers 8x8 to 256x512 scalable configurations



**MultiView Receivers** - receives signals up to 610m over UTP cable



**XRTx Transmitter**



**AK500-C7 receiver** signals up to 152m over Cat 7 cable



**Morph-It Transmitter frame**



**16 x 16 Matrix Switcher**



**K-500TD - Twin Display option for Digital Signage**

The Morph-It Rackmount is for applications where multiple sources are located in close proximity, the Morph-It platform provides a modular and densely packed multi-transmitter chassis to eliminate the clutter of multiple boxes, external power supplies and redundant cabling.

The MultiView Series includes the MultiView Matrix™8x8 and 16x16 full-matrix switches. Additionally, all MultiView products are fully compatible with Magenta's Mondo Matrix™ III switches, the world's largest, most scalable and only field-upgradable (in increments of 16 inputs and outputs) full matrix switching system with modular configurations from 16x16 to 256x512. For addressable, duplex serial support through a switch, join MultiView -SAP products with a Mondo III-SAP switch. Magenta's Mondo Matrix III powers casinos and other largescale switching operations around the world.



**Mondo Matrix III - scalable solution from 16x16 to 256x512 configurations**

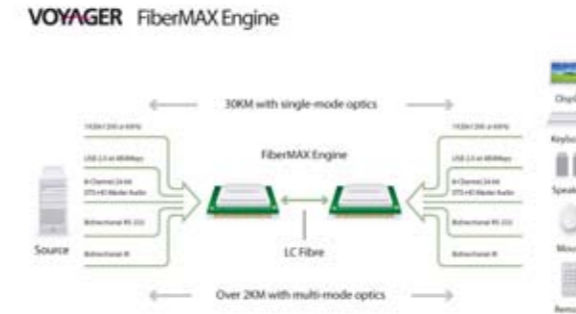
## VOYAGER THE FUTURE OF AV EXTENSION AND SWITCHING

Magenta's voyager Fiber Optic Signal Distribution Platform is an interoperable set of transmitters, receivers and matrix switchers. When combined together, these components enable a virtually limitless variety of end to end configurations for the distribution of uncompressed video, audio and RS-232 signals over fiber. Designed to deliver exceptional high resolution image quality and 24/7 reliability, the Voyager series offers advanced functionality and usability for digital signage and ProAV systems integration.

- Mix and match numerous video formats with auto format conversion
- Integrate multiple signal types, including video, audio and serial
- Configure, interchange or upgrade video & auxiliary signal types in the field
- Cost effectively extend all signals over industry standard fiber
- Mix and "manage" protected vs. unprotected content (HDCP)

### FiberMax Engine

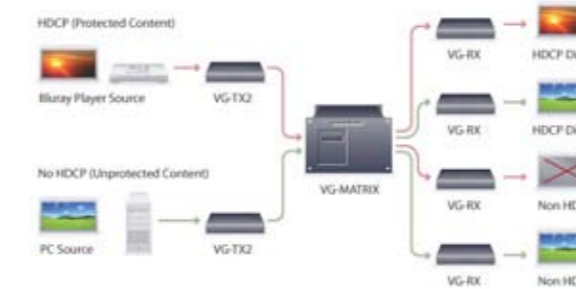
The backbone of Magenta's Voyager platform, FiberMax is an ultra high-speed data sequencing and streaming engine capable of driving standard SFP optics at maximum efficiency. The resulting benefit is the unique capability of simultaneously transmitting uncompressed 1920x1200 video with HDCP at 60Hz, 8-Channel 24-bit DTS-HD Master Audio, and bidirectional RS-232, all on industry standard SFP optics and cabling.



### Advanced HDCP and EDID Management

Whether distributing one source to several displays, or within full crosspoint matrix switching environments, Magenta's Voyager series offers seamless management of HDCP and EDID between devices.

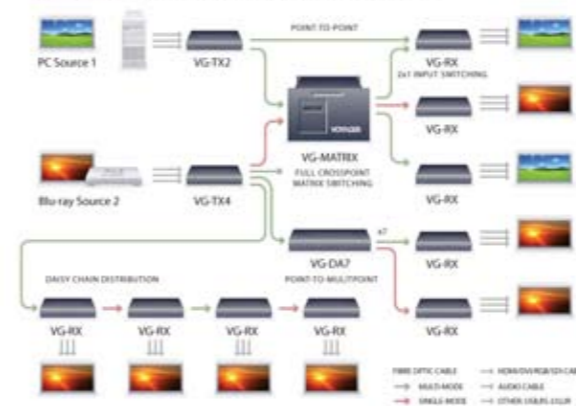
### VOYAGER HDCP Management



### Interoperable, Modular and Scalable

The Voyager series offers a comprehensive set of interoperable building block components to enable any application requirement with virtually infinite configuration possibilities. These include multi-port transmitters, daisychain receivers with input switching support, distribution amplifiers and small to large scale full crosspoint matrix switchers. Being modular and scalable, Voyager installations are field configurable and field upgradable.

### VOYAGER Interoperable, Modular and Scalable



Video Module Options	Core Module Options	Auxiliary Module Options
TX-HDMI TX-VGA*	VG-TX2 (2-port fiber optic transmitter)	TX/RX-ISA (Audio/RS-232)
TX-DVI	VG-TX4 (4-port fiber optic transmitter)	



**VG-TX4 HDMI-ISA Shown (HDMI with Audio, RS-232)**



### Voyager interchangeable units

Video Module Options	Core Module Options	Auxiliary Module Options
RX-HDMI RX-DVI	VG-RX-MM (Multimode fiber optic receiver)	TX/RX-ISA (Audio/RS-232)
	VG-RX-SM (Singlemode fiber optic receiver)	



**VG-RX-MM HDMI ISA Shown (HDMI with Audio, RS-232)**



**Voyager VG-Matrix**