



PROvision
Solutions Systems
Company Profile



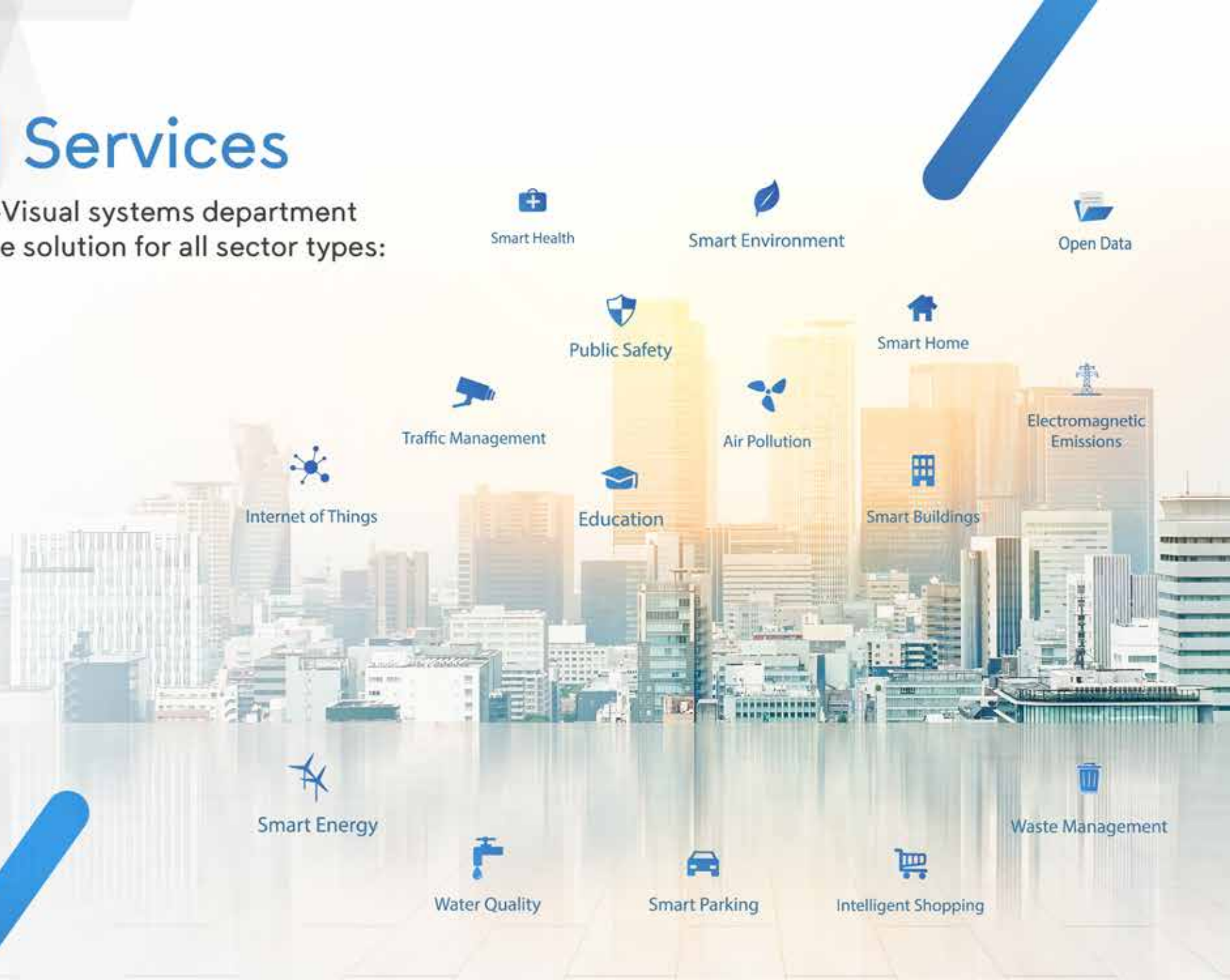
PROfessional Services

The smart, Low current & Audio-Visual systems department in PROvision provides a complete solution for all sector types:

- 📎 Educational
- 🏛️ Governmental
- 💰 Banking
- 🛡️ Security
- ★ Hotels & FNB
- 🏠 Residential...

And for all types of LCS such as:

- 🔗 Smart systems
- ⚙️ Control systems
- ▶️ Audio visual systems
- 📣 Signage solutions
- 🛡️ Security solutions





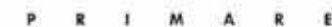
Professional Services

- ◇ PROvision has a professional trained team with almost all known international Low Current and AudioVisual companies in the world.
- ◇ We are capable to handle large projects from Design phase till testing and commissioning phases
- ◇ Our core work is design installation programming testing and commissioning
- ◇ SBM has partnerships or deals with many LC & AV companies in the world like:

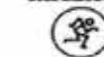




kaleidescape




MACIEE





Why Smart automation ?

 Environments that use technology to assist inhabitants by automating task components

 Aimed at improving inhabitants' experience and task performance

 **Improve Inhabitant experience:**

- Optimize inhabitant productivity
- Minimize operating costs
- Improve comfort
- Simplify use of technologies
- Ensure security
- Enhance accessibility





Smart Automation Technology

The smart control enables various devices such as thermostats, lighting and door locks, to be connected to the internet and controlled via smartphone

Like most technology before it, the vision of the future has been expensive and often complicated, putting it beyond the reach of many, however that's starting to change.





Benefits



**Safety
and security**



**Freedom
to use technology**



**Increase
independence**



Convenience





OUR SOLUTIONS





AUTOMATION CONTROL

Automatic lighting control system is one of the latest innovations in the lighting technology.

It is developed to make it easier for the consumers to control their lighting ,air conditioning curtains etc.. systems, making it more comfortable for them, thus, maximizing efficiency in its usage and its cost.

With the system being developed, controlling your lighting system can be done remotely using the internet.





Industrial Automation Control



Controller



Municipal wireless network



Gateway



Lighting panel control and monitoring unit



Traffic monitoring



Siconfigurator software on the local server



City sensors



Security infrastructure



DIGITAL SIGNAGE SOLUTION

DIGITAL SIGNAGE SCREENS portrait type it can be direct LED screen or sized LED screen those screens are connected to the main server and it can be controlled through network





ELECTRONIC WAYFINDING SOLUTIONS

An affordable and robust solution to help visitors find their way around your facility using wayfinding.

Guide people through complex environments such as malls, healthcare facilities, educational campuses, Hotels, office buildings and transportation areas.





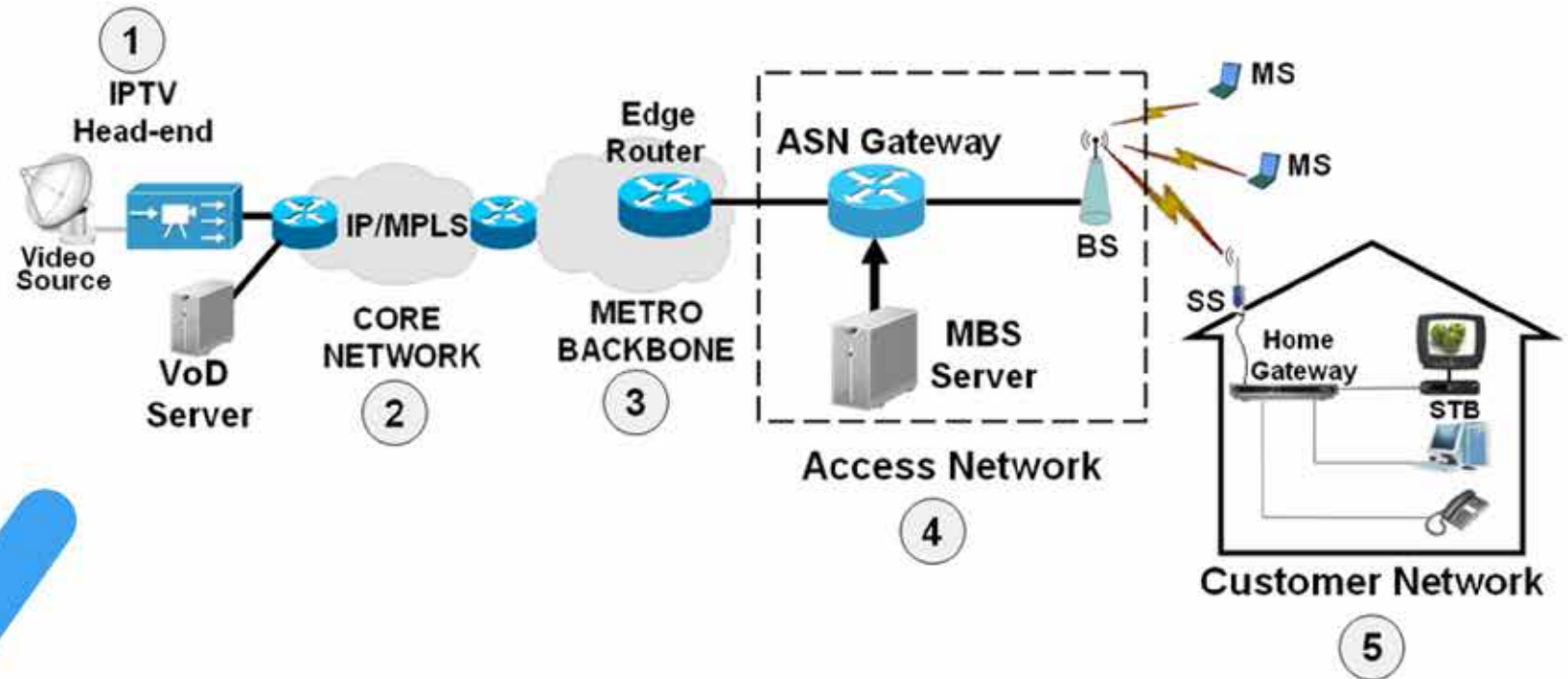
Welcoming screens & self-service kiosks

- ◇ Large Digital adds screens
- ◇ Self services interactive kiosks



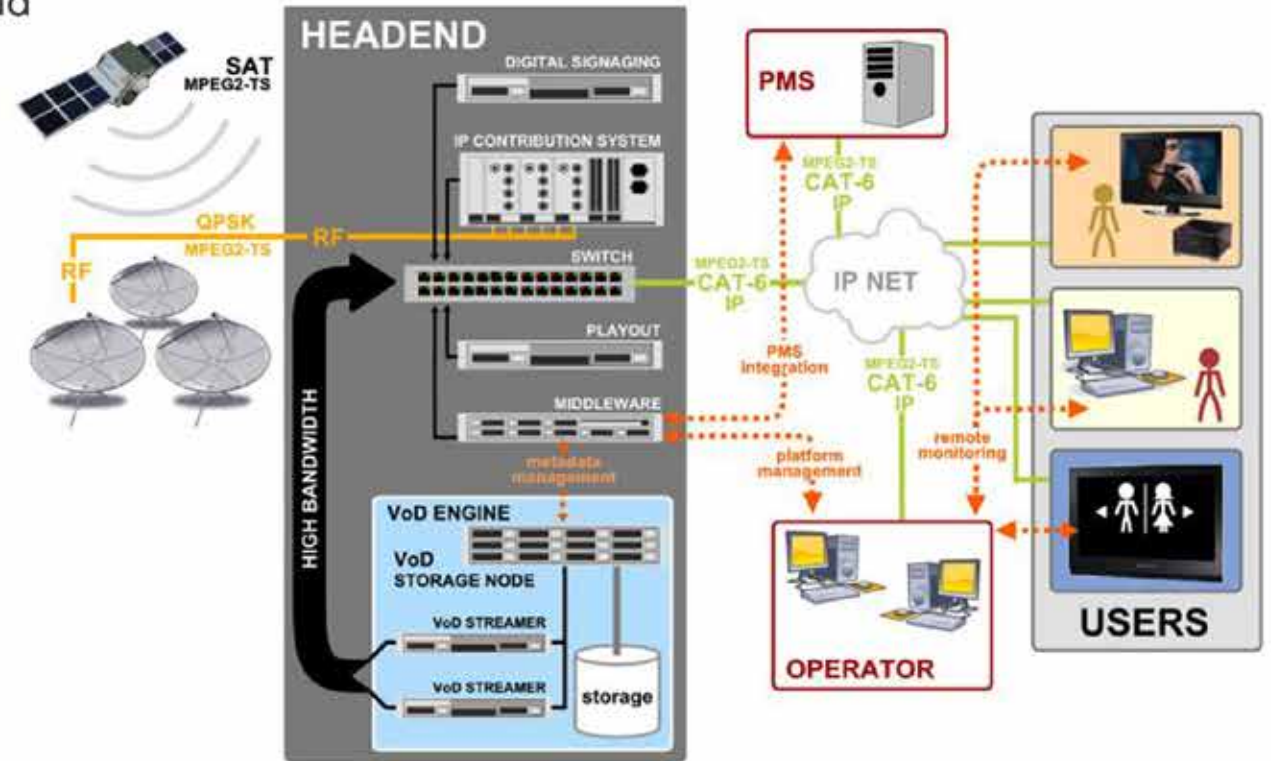
DIGITAL HEAD END ,IPTV & DIGITAL SIGNAGE SOLUTION

PROvision Has the reliability and experience to build the required type of digital signage solution to be on cloud basis or on premises



DIGITAL HEAD END , IPTV & DIGITAL SIGNAGE SOLUTION

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INTERACTIVE ROBOT

INTERACTIVE ROBOT PEPPER

- ◇ Social humanoid robot capable of understanding and reacting to main human emotions
- ◇ Pepper is well equipped with features and a high-level interface for communicating with those around him.
- ◇ Pepper analyzes expressions and voice tones using the latest advances in voice recognition





FLEX LED TILES SCREENS

The Flex LED:

Features:

- ◇ Selected high grade LED lamps;
- ◇ High refresh rate and grey scale;
- ◇ Ultra light weight;
- ◇ Customized and trimmed to create angled tiles to meet the demand of more creative LED video designs.
- ◇ Specific framing structure is designed and manufactured to accomplish unique design and deployment
- ◇ Magnetic mounts allow for attachment virtually any surface enabling the most creative LED designs

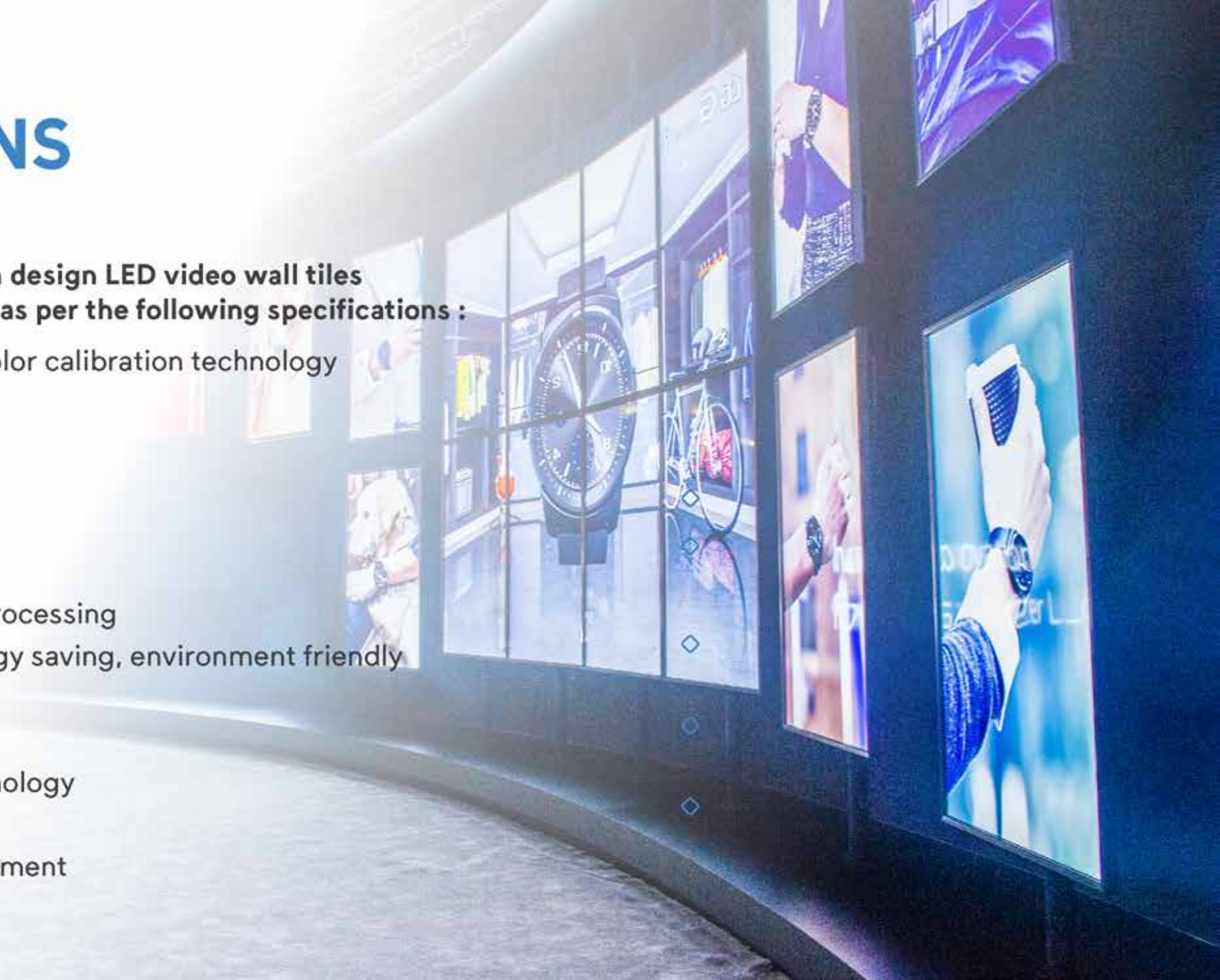


TILES SCREENS

LED tiles Video wall :

We are proposing the latest slim design LED video wall tiles with a the narrowest pixel pitch as per the following specifications :

- ◇ Pixel by pixel brightness and color calibration technology
- ◇ Real seamless assembling
- ◇ Indoor and outdoor types
- ◇ High contrast ratio
- ◇ Wider color gamut
- ◇ Long lifespan
- ◇ Broadcasting level grayscale processing
- ◇ Low power consumption, energy saving, environment friendly
- ◇ Nanosecond response time
- ◇ Low maintenance cost
- ◇ High reliable redundancy technology
- ◇ Super high refresh rate
- ◇ User Friendly brightness adjustment





LED TRANSPARENT SCREENS

Higher transparency and infinite possibilities

With a groundbreaking design of side-emitting technology our screen has tremendously improved transparency, it makes images or videos just like magically pop up in the air. High transparency that provides infinite possibilities for creative display and space creation. Aluminum alloy cabinet and modular design also make it fit to various environments. it makes images or videos just like magically pop up in the air.



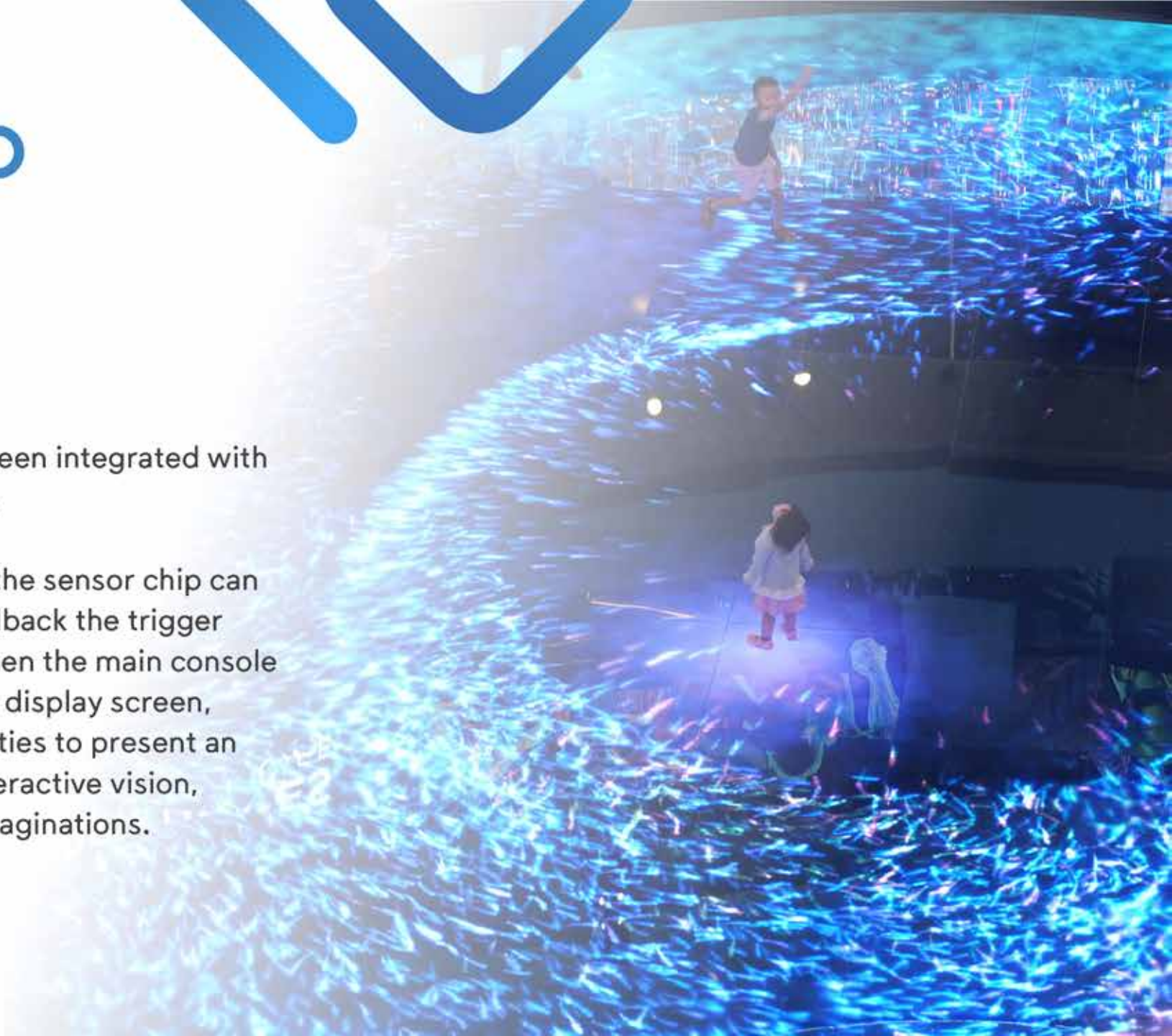


INTERACTIVE LED TILES SCREENS

The interactive LED:

The **Waterproof interactive LED floor** screen integrated with smart sensor chips and other equipment.

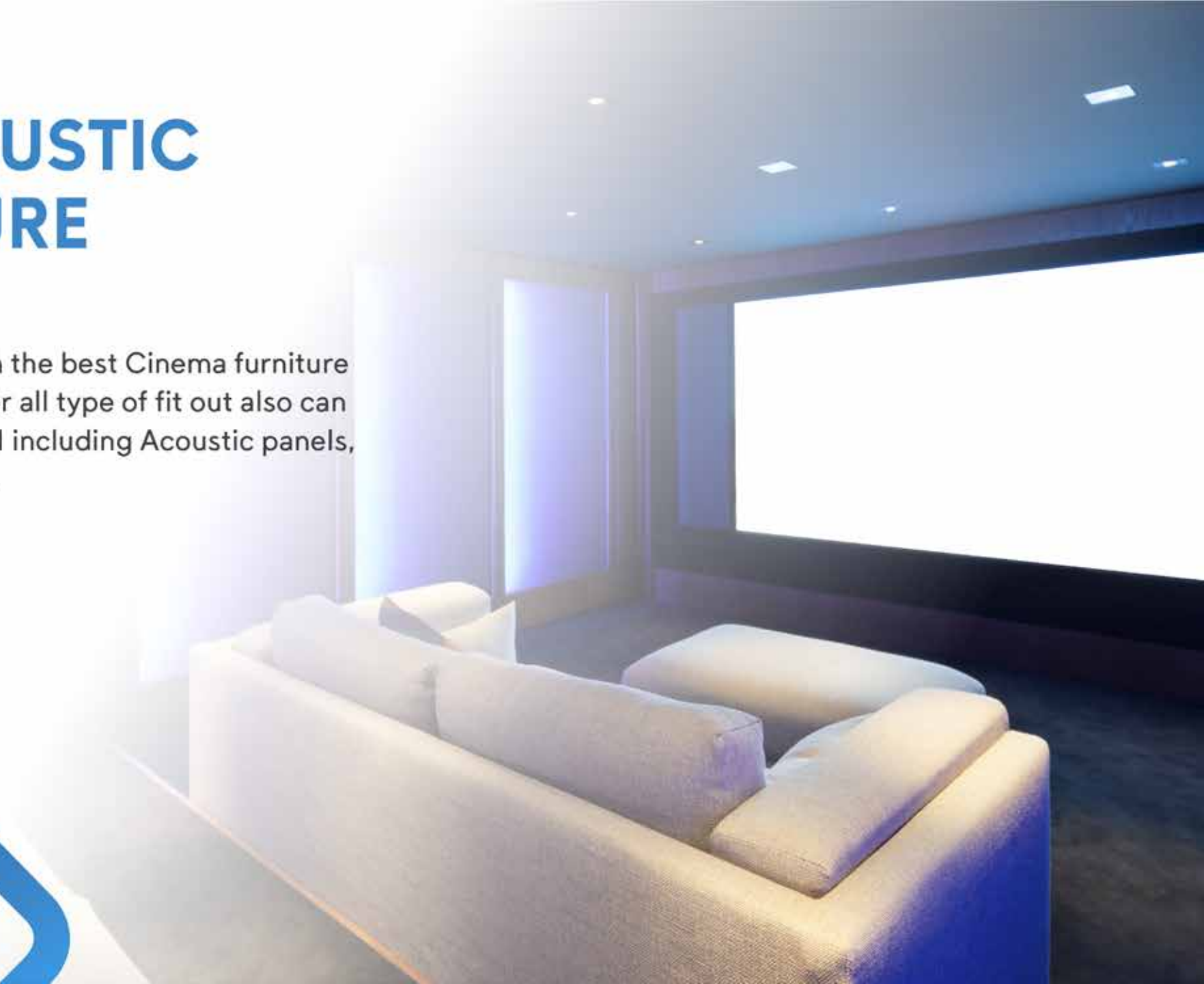
When the person is on the floor screen , the sensor chip can sense the position of the person and feedback the trigger information to the main controller, and then the main console logic judges to output the corresponding display screen, which can follow the human body's activities to present an immediate picture effect and achieve Interactive vision, touch, hearing... all creative ideas and imaginations.





CINEMA ACOUSTIC AND FURNITURE

PROvision has a partnership with the best Cinema furniture companies in the world moreover all type of fit out also can be supplied and installed by SBM including Acoustic panels, lighting system and control, etc.





PLANETARIUM

Digital Planetarium

The planetarium is a Theater built primarily for presenting educational and entertaining shows about Astronomy and the night sky, or for training in Celestial Navigation.

This Planetarium contain the most high resolution 20 meter

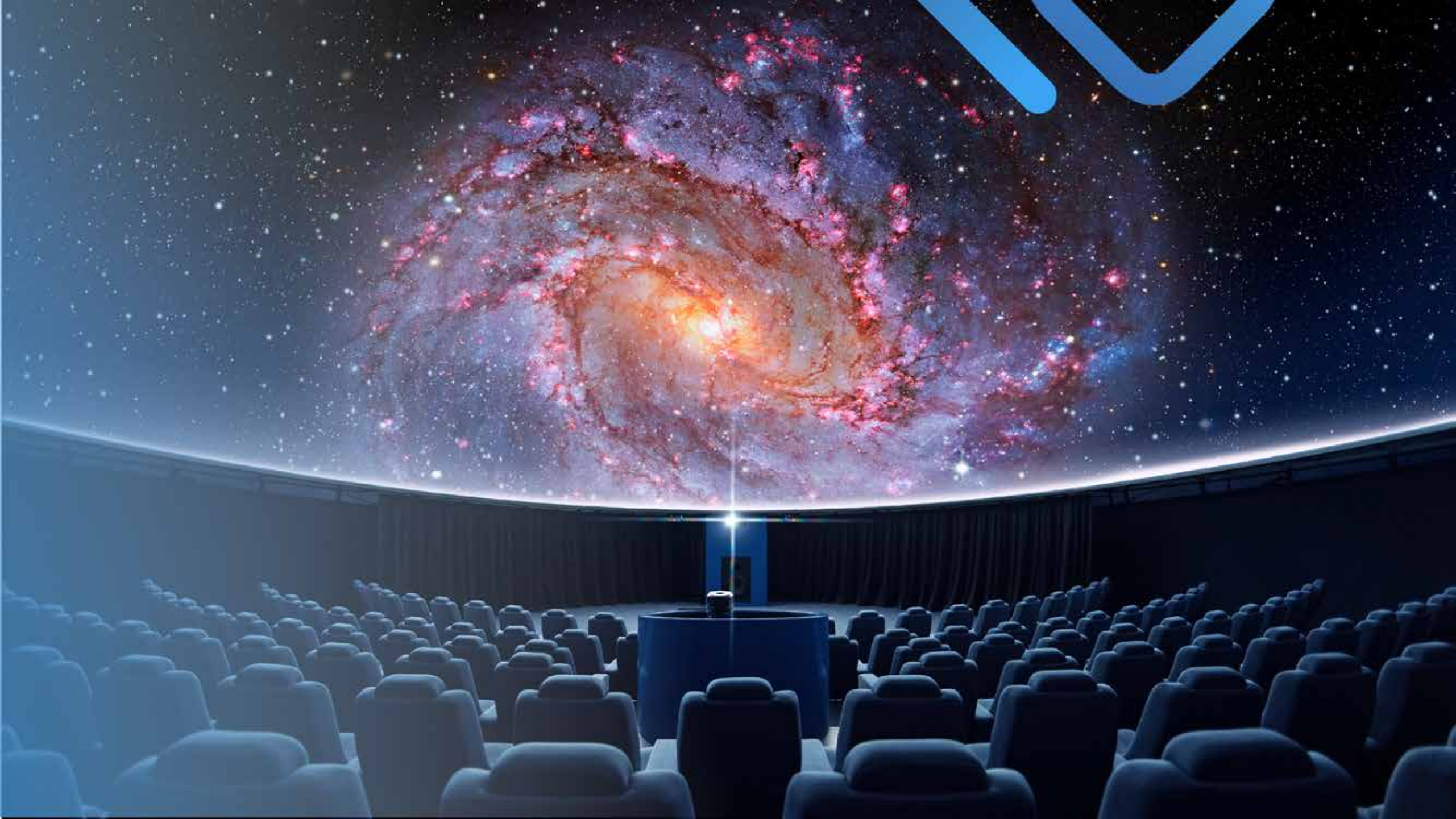
4K Dome in the world

20k lumens digital projectors

An adjustable special made chairs and professional controlled light and sound system

A server room & a digital console to control all the shows



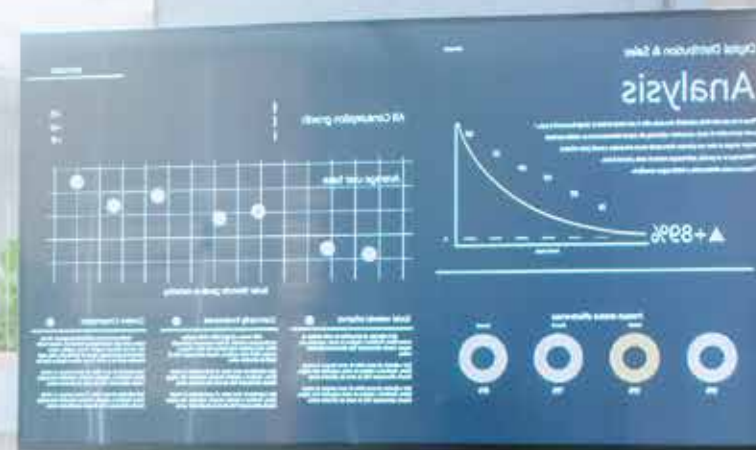




BOARD & MEETING ROOMS

TYPES OF MEETING ROOMS

PROvision has implemented many types of meeting rooms that start with standard system up to VIP meeting room and board room



RISIS COMMAND & CONTROL ROOMS

PROvision can provide a complete Audio Visual solution for the NOC or SOC ROOMS with the

- ◇ Video Wall based on the customer needs (LED TILES, or 24/7 screens with narrow bezel)
- ◇ Video wall control processor
- ◇ Digital matrix system
- ◇ Control system with Control touch screens
- ◇ Ergonomic furniture
- ◇ Floor boxes with Data HDMI and power connection
- ◇ HD extenders
- ◇ Rack , cables and accessories





Activity
Up time 27:14:26:19

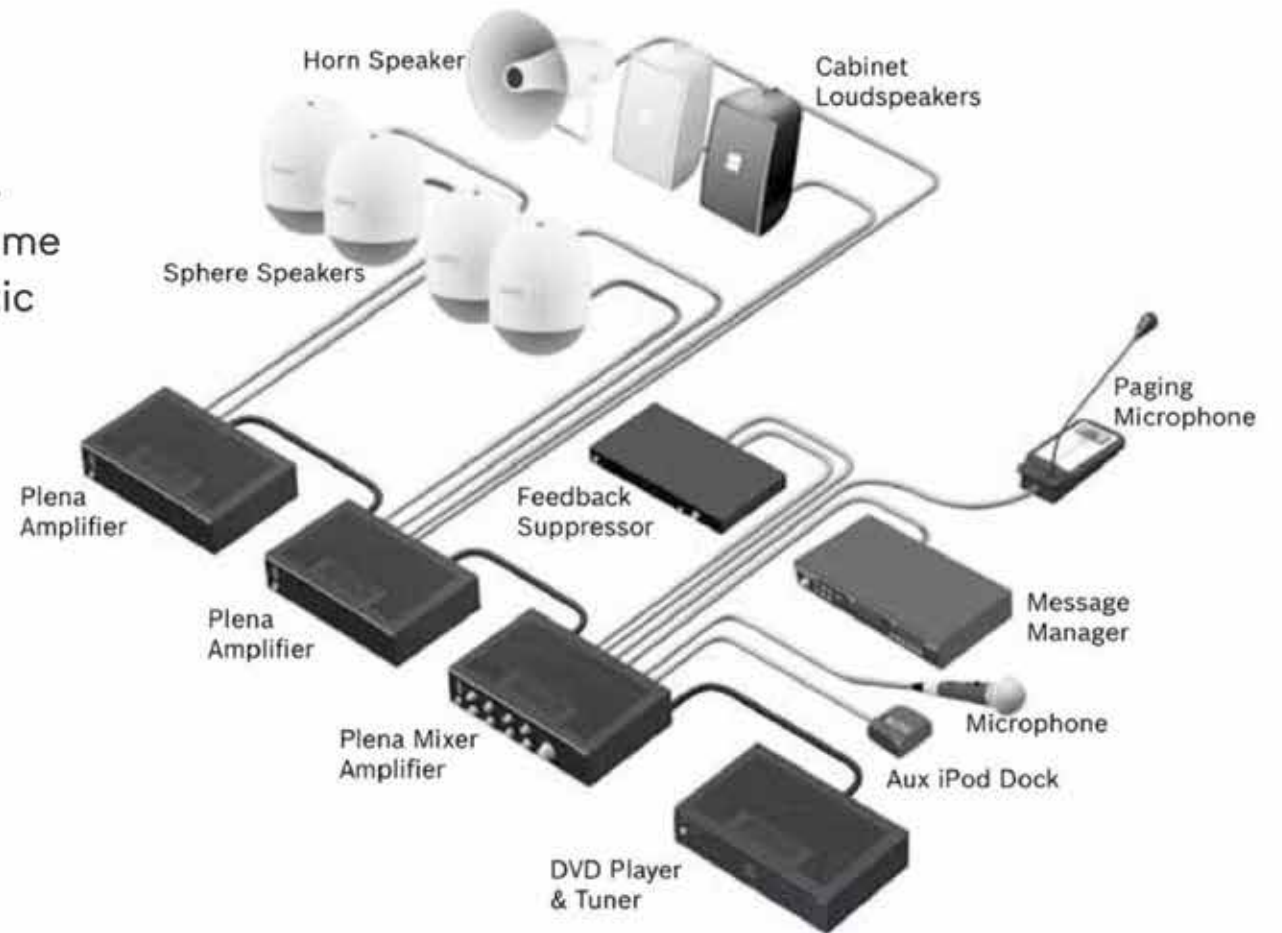


Frequency:
GHz

Speed
23

ELECTRONIC WAYFINDING SOLUTIONS

A public address system is an electronic system comprising microphones, IP amplifiers, loudspeakers, and related equipment. It increases the apparent volume of a human voice, musical instrument, or other acoustic sound source or recorded sound or music





BGM-DSP

Centralized Management

- ◇ Software control is easier and far more cost effective to scale
- ◇ Software-based control means no dedicated control processor





BGM-DSP

wireless control- Prayer Call

- ◇ Control is also possible wirelessly via iPad (or win pc)
- ◇ Control can mirror touchscreen or be separate
- ◇ Great for customised venue management



Prayer Time Scheduler						
Prayer Time Scheduler						
Date / Time	Fri, 12/08/2016 14:30			Next Event:	Fajr Pre: 02:51:08	Playback
Prayer	Fajr	Dhuhr (Friday)	Asr	Maghrib	Isha	Sunrise
Prayer Enabled	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled
Pre Prayer	05:00	13:19	16:41	20:08	21:32	06:34
Prayer Time	05:05	13:24	16:46	20:13	21:37	Sunset
Post Prayer 1	05:35	13:54	17:16	20:43	22:07	Enabled
Post Prayer 2	05:40	13:59	17:21	20:48	22:12	20:13

IP FIRE ALARM

One of the safety technology that PROvision is pioneer with is Fire Alarm System.

it is designed to alert us to an emergency so that we can take action to protect ourselves, staff and the general public.

Whatever the method of detection is, if the alarm is triggered, sounders will operate to warn people in the building that there may be a fire and to evacuate.

The fire alarm system may also incorporate a remote signal system which could then alert the fire brigade via a central station.



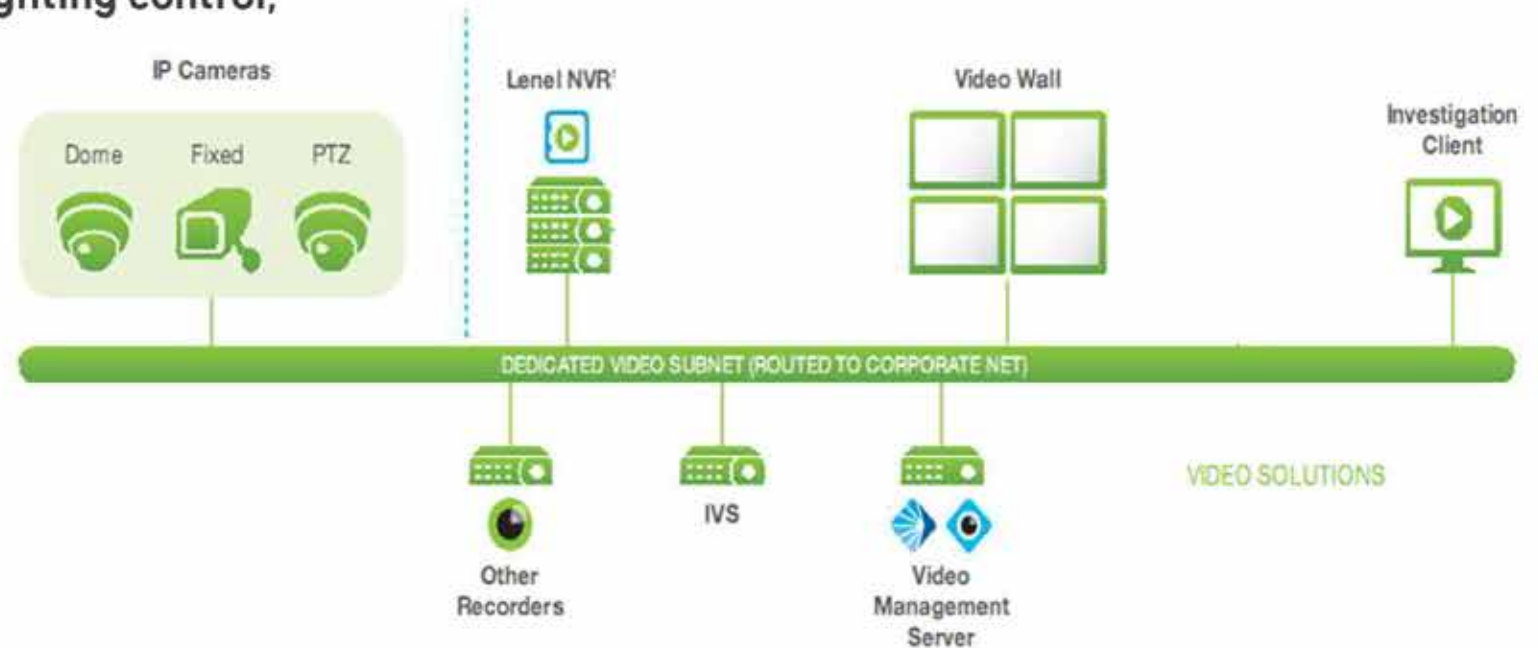
IP SECURITY SYSTEMS

CCTV & Access control system

The Security & low current Systems department in PROvision in collaboration with IT department can establish an IT-managed solution for Security systems such as CCTV & access control , BMS, lighting control, etc that runs over IP.

The criteria for the solution covered the following areas:

- ◇IT standards-compliance
- ◇High video quality
- ◇Enterprise-friendly topology
- ◇Network-friendly design
- ◇Integration with access control and intrusion detection
- ◇section Upgradability





IP CCTV & Access control system

Access control systems vary widely in type and complexity. However, most Access control systems consist of at least the following basic components:

Access Cards

Card Readers

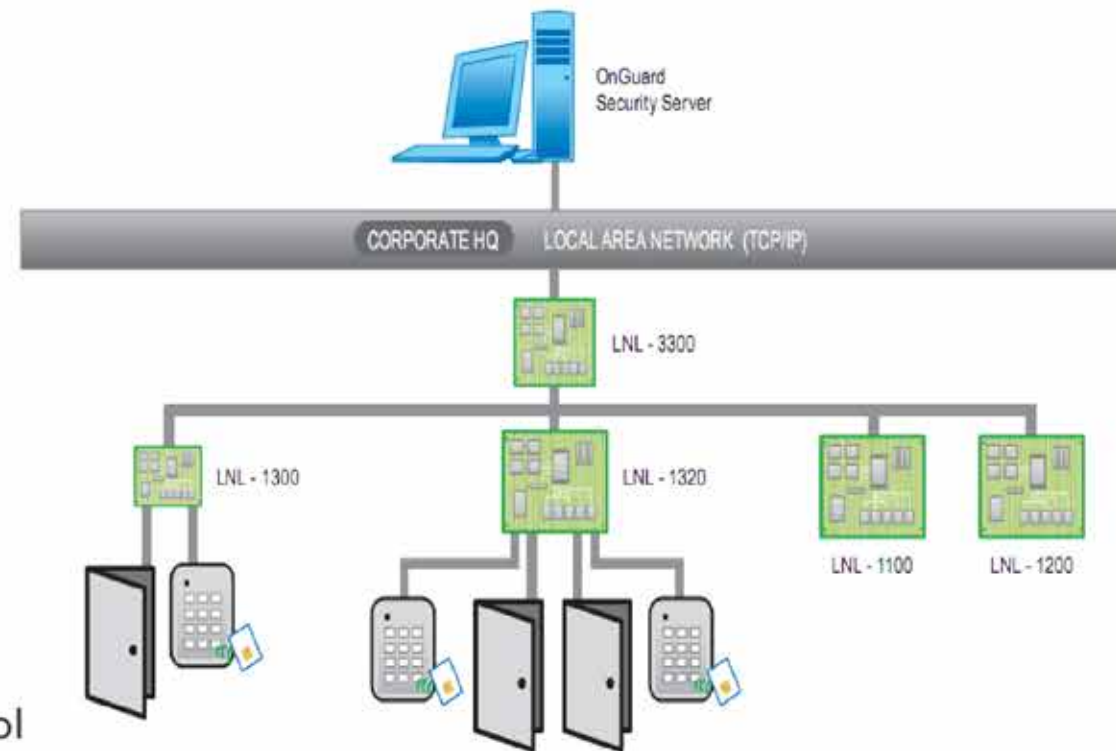
Access Control Keypads

Electric Lock Hardware

Access Control Server Computer

Access Control Field Panels

Access control field panels (also known as "Intelligent Controllers") are installed in each building where access control is to be provided. Card readers, electric lock hardware, and other access control devices are all connected to the access control field panels.





HOLOGRAMS



Make your Window Display Stand Out

Despite the speculations, brick-and-mortar stores have not been driven out of business by online operators and continue attracting new crowds of customers to their showrooms and outlets. Window displays remain the first point of contact for these stores, inviting thousands of passersby to come inside and take a closer look at their offerings. Today the importance of window displays is even higher than ever before.



PHOTO



What Makes Window Displays Effective?

According to the National Occupational Standards by the Scottish Qualifications Authority, visual merchandisers need to know how to

- ◇ Position merchandise (following organization guidelines) in ways that attract customers' attention and raise their interest
- ◇ Make window displays informative
- ◇ Follow lighting requirements
- ◇ Ensure that window displays meet health and safety regulations

HOLOGRAM



3D Holographic Images in Window Displays

In today's highly competitive market, retail chains and small businesses have had to come up with new window display ideas to steal audiences' attention. Using advanced technology solutions has proven to draw new visitors into stores.

3D holographic displays by Off The Wall, the leading solution in digital signage and out-of-home marketing, make your shop displays shine with bright, breathtaking 3D holographic images. Whatever business you run, HoloTex will become your installation's centerpiece - leaving passersby frozen in front of your window display, mesmerized by the 3D holographic visuals floating in mid-air.

HOLO



Uplift your store with 3D holographic signage

Decrease the cost of store visits by using HoloTex one-sided Hologram as an alternative to conventional digital signage. HoloTex offers a new reconsidered way of visual communication that proved to be the most effective and engaging communication medium.

- ◇ Visualize realistically in 3D
- ◇ Provide higher viewership
- ◇ Double dwell time
- ◇ Trigger positive emotions
- ◇ Create emotional engagement
- ◇ Improve message perception

HOLOGRAMS



Recover revenue

Draw attention to your offer and trigger optional sales of high-margin products and services, upsell and cross-sell to increase revenue up to 44%.

Boost Traffic

Make a strong first impression and convert passers-by into your visitors by at least 35% more successfully using the WOW factor of holograms placed in a shop window.



HOLGER



Enhance branding

Strengthen your brand, set it apart in the industry, and increase its perceived value. Create buzz around your business and make people talk about you.



OF
H



Inform about safety

Ensure that important public safety information is noticed. Give confidence to visitors by emphasizing that you make social safety a priority.

Increase retention

Deliver a next-level in-store visual experience that can't be replicated digitally to build relationships with your customers and make them want to return.



GO TO THE STORE



What is HoloTex

HoloTex is a fully integrated 3D projection platform that makes your product look like never before. It combines the most advanced modern projection techniques in a contemporary sleek housing.

This enables product focused as well as contextual 3D projections.

Being a supplier of high quality goods you will want to differentiate yourself through the unique specs of your product. Nowadays this becomes a challenge as consumers get overwhelmed by an endless series of stimuli on the shopping floor.

A HoloTex 3D holographic display unit will offer your product the extra attention that makes it stand out from the rest. It creates a context that perfectly matches the needs of fashionable generation X & Y shoppers.

The HoloTex is a one sided holographic display, which lets you combine a physical product with 3D holographic content. The chamber can be seen from the front and is designed for cost effective with simple content dealing.



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Overview

- ◇ HDR for Enhanced Detail Combined with Ultra HD resolution, HDR video content delivers enhanced detail, color, and contrast, with a wider range of brightness than non-HDR video formats.
- ◇ HDR Processor X1 The HDR Processor X1 is designed to take non-HDR content to near HDR quality. Object-based HDR Remaster technology can detect, analyze, and optimize each object in the picture individually to adjust the overall contrast for a more natural and realistic picture on screen.
- ◇ Vibrant Colors and Smooth Gradations TRILUMINOS Display technology is designed to produce vibrant images, and HDR Super Bit Mapping reveals thousands of shades and gradations of light.
- ◇ Motionflow XR 960 Digitally Enhances the Image Motionflow XR 960 refresh rate technology is designed to build upon the native 120 Hz panel to allow fast-moving sequences to be seen with enhanced clarity.





Features

- ◇ Visually stunning product display
- ◇ Combines holographic 3D content with physical products
- ◇ Bright and free floating holographic picture quality
- ◇ Superior exposure and branding
- ◇ "Plug and Play" easy setup
- ◇ High reliability and long lifetime for 24/7 use
- ◇ Easy change of content by remote
- ◇ Flight case package for save transportation
- ◇ Available in different sizes
- ◇ Slimmer and more elegant design
- ◇ Full HD resolution
- ◇ Built-in sound



HOLOGRAMS



Multiple Holographic Displays

Multi Holo Displays (MHD) is a unique feature that makes it possible to sync multiple HoloTex. and create visual experiences where the animations 'flow' seamlessly across all the displays. It can also be purchased as an add-on feature.

MHD makes it possible to take your visual creativity even further, since you can place several displays side by side in say a shop window, or even on top of each other to create a really different installation and experience.

HOLO



Display/Audio & Connectivity

Display Size Options (HXW)	51cm x 40cm 74cm x 45cm 91cm x 53cm 113cm x 66cm
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DISPLAY

Backlight Type	Full-Array
Resolution	1920x1080
Effective Refresh Rate	120Hz
Clear Action™	240
Active Pixel Tuning	Yes
Aspect Ratio	16:9
Viewable Angle (HIV)	178° / 178°

SOUND

Speakers/Power Output	up to 15W x 4
DTS StudioSound	Yes

INPUT

SD Card	Yes
USB	Yes





**Please check the links
below for videos**



- ◇ https://www.youtube.com/watch?v=o_HBpPO6byI
- ◇ <https://www.youtube.com/watch?v=dN1NgGSRKM8>
- ◇ <https://www.youtube.com/watch?v=9NrGLaDIVjo&feature=youtu.be>



It's your turn to

GRAB THE FUTURE
of advertising technology





Some of our projects

















