



WORKNASI

Company Profile

2021

▼ **About Us**

Worknasi Com Limited is an Innovation, Technology, and ICT firm focusing on building technology products and providing services to the African market.

▼ **Mission**

The mission at Worknasi is to be value-driven and provide leadership and the best services to our clients to build a strong and long-lasting relationship with both Clients, customers, and partners.

▼ **Vision**

To be the leading Technology and IT company in Africa and among the best in the World as well as a preferred Company for our Clients, Partners, and stakeholders in terms of quality of service provided.





On the other hand, we operate a digital consultancy firm which is called Hepha. Hepha is a Technology, Digital Innovation, and Design Consultancy firm under the Worknasi Company. We design and develop solutions, experiences, brands, and products that enable the high-level growth of business entities and make a difference.

We focus and specialize in Digital Product Design and Development, UX/UI Design, Website & Software development, Mobile Apps, Data-Driven Technology Systems (AI/ML), and IT Outsourcing.

The company executes private and government-owned projects in the capacities of main and sub-contractor for small and large projects respectively.

Our workforce comprises well experienced and qualified personnel with both administrative and technical competency, who work closely with both the Clients and Employees, to provide effective service to the clients.



Worknasi Com Ltd has entered into an agreement with Beijing Lema Technology Co. Ltd, therefore is an appointed distributor fully authorized to sell and market iSEMC Video Wall Controller Products and solutions in Tanzania.

Control Room



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Network Operations Centers (NOC) 01

Security Operations Centers (SOC) 07

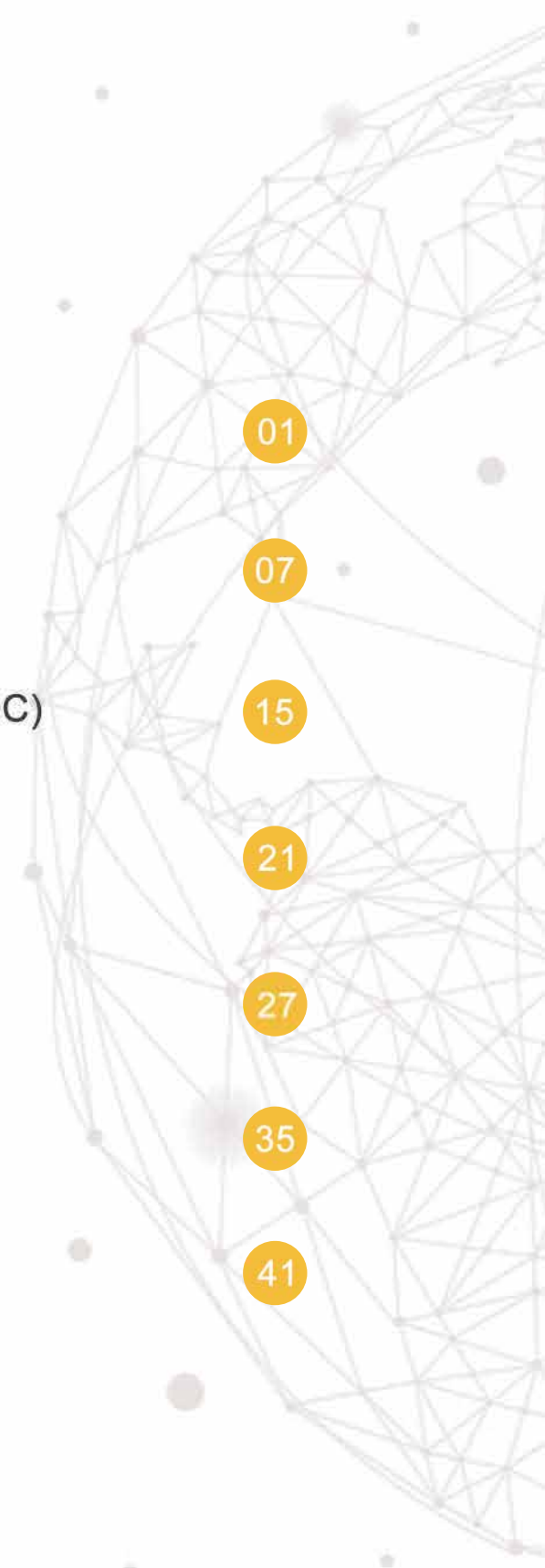
Emergency Operations Centers (EOC) 15

Traffic Management Centers 21

Energy and Utility 27

Defense 35

Process Control Centers 41



Network Operations Centers (NOC)



Project brief introduction

NOCs provide round-the-clock control and management of your network's infrastructure. NOC technicians continuously monitor network performance, identifying and resolving issues within the system, thus ensuring optimal and continuous service.

An essential component to achieving this level of service is having complete oversight of the network ecosystem. This oversight is provided by large-scale, wall-mounted, flexible video installations. These installations interface with your network's various technological aspects, providing you multiple viewing configurations.

Description

01 Round-the-Clock Network Monitoring

To ensure you have a good quality of service, your NOC must continuously monitor your telecommunications infrastructure's performance. iSEMC's collaboration and visualization solutions allow you to manage all your networks' parameters and see what resources are required across these networks from one central location.

02 Maximized Performance and Uptime

To effectively monitor all the data coming into your NOC, you need a reliable visualization solution incorporating wall-mounted video and software. iSEMC can provide you with a range of visualization solutions that will maximize your network's performance and uptime for many years.

03 Any Source - Any Screen

NOCs display data such as alphanumeric, social media feeds, and mapping information. This disparity of sources requires versatility in your control room solution, both in terms of overview display and operator position. iSEMC's visualization solutions offer such versatility, allowing you to display all data types from your various networks on any of your screens.

04 Internal and External Collaboration

With an iSEMC control command room solution, you can maintain control of your networks and entire telecommunications infrastructure 24/7. It enables you to visualize content with incredible detail and accuracy from a centralized location. You also have the facility to share your data with external or remote stakeholders. Therefore, collaboration on resolving performance issues is straightforward and fast.

Control Room

Features

Ultra high definition display

Appropriate designs can be made according to the project's real needs, the display system, mainly composing LCD screen, DLP splicing screen, LED display screen with limited space, the system can support multiple 1080P HD input sources and maximum input resolution supports up to 4K. Single channel maximum output resolution supports up to 4k. it also supports high resolution background map, up to 65535x65535 pixels.



Real time

Real-time data can be released via the real-time data interface or WEB information, to provide users with corresponding realtime dynamic information.



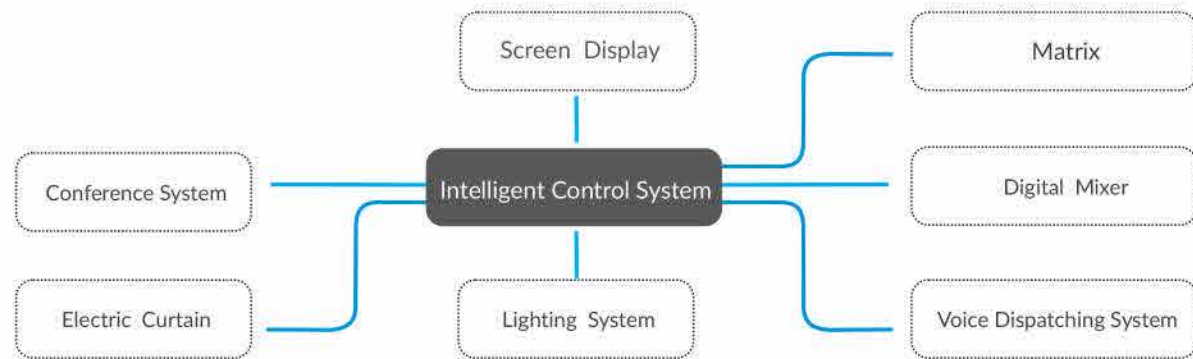
Decision-making support

Decision-making support collects information for HD display system. All kinds of information collected and arranged by the system + analysis calculation results of various models are shown in the most simple and intuitive form according to the needs of the decision makers, to help decision makers quickly and accurately understand the current situation, analyze the pros and cons of various scheduling schemes, help them to make the right decisions.



Multiple system centralized control

iSEMC command center system solution adopts advanced design concepts and products with leading technologies + intelligent centralized control system, conducts centralized control for various systems, including large screen display system (DLP large screen / LCD splitting / LED display screen etc), video processing system, voice dispatching system, command and control system, system of sound pickup and sound reinforcement, to achieve information mining, assistant decision making, communication and command, centralized control, thus, the operation is more simple and convenient



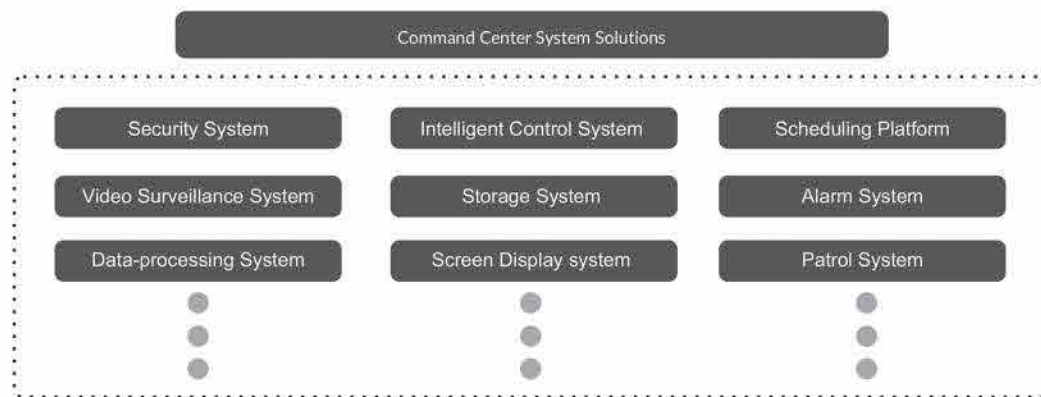
System visualization

Compared with traditional command systems, the iSEMC command central system realize visualization, and all subsystems are presented in the way of pictures, data, video, software interface, thus, the system is more intuitive and vivid.



Compatible with third-party devices

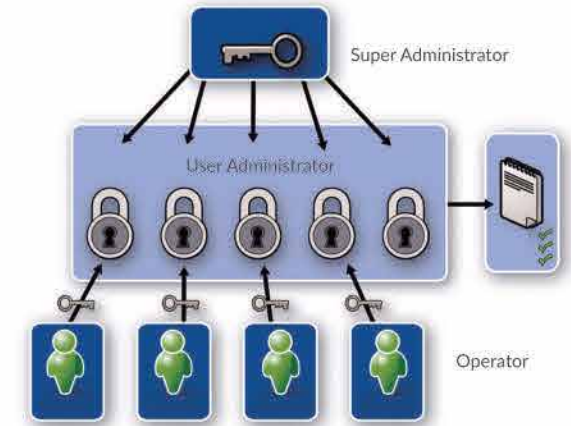
The system can be seamlessly connected with third party devices or software, to achieve the overall scheduling and control.



Control Room

User privilege management

User management supports various users, such as super administrator, user administrator and operator. Different users can be assigned different permissions for managing subsystem and equipment control configuration



Stable and reliable

The system is stable and reliable because of adopting mature technologies, not infected with the virus, it has been successfully applied to a number of projects, with mature project experience.



Application industry



Visual Control Center



Network Operations Centers (NOC)



Communications



Finance



Network Operations Centers (NOC)



Command Centre



Network Operations Centers (NOC)



Mission Control Rooms



Network Operations Center

Control Room

Security Operations Center (SOC)



Project brief introduction

Our SOC's provide you with the capability of round-the-clock protection for your private property or public facilities. It comes with high-resolution video display units constructed for extended duty cycles. Our display solutions offer you flexibility. And compatible with a range of sources.

Description

Complete Situational Overview 01

To give you continuity in your operations, you need to detect all potential threats and security issues as they arise. iSEMC's SOC visualization and collaboration solutions enable you to maintain control of your enterprise 24/7. Our solutions provide you with a complete situation overview, including site security, response-steering, threat intelligence collection, and cyber attack prevention.

Threat Reduction 02

Keeping your organization free of threats is crucial, and iSEMC visualization and collaboration solutions will help you achieve that. It will enhance your decision-making, giving you high-quality imagery on which to base critical decisions. iSEMC can provide you with an LCD, LED, or a rear-projection video wall depending on your needs. We will provide it at a cost-effective price, and it will serve your organization well for many years.

Fast Response and Resolution 03

Your ability to respond quickly and effectively to a security incident will be the determining factor in whether you can resolve that issue. You need to have the correct information presented appropriately. iSEMC's visualization solutions allow you to collect and display security information and incident data in real-time and in a workspace that fits your needs. You'll have access to all the information you need from a single terminal, even from disparate secured networks. The speed of response this affords you is critical.

Control Room Collaboration 04

iSEMC solutions offer you the facility to safely share video and other data across your organization, both internally and outside your control room. Whether consulting with remote decision-makers or communicating with response teams in the field, iSEMC visualization and collaboration solutions will give you the situational awareness you need.

Control Room

Features

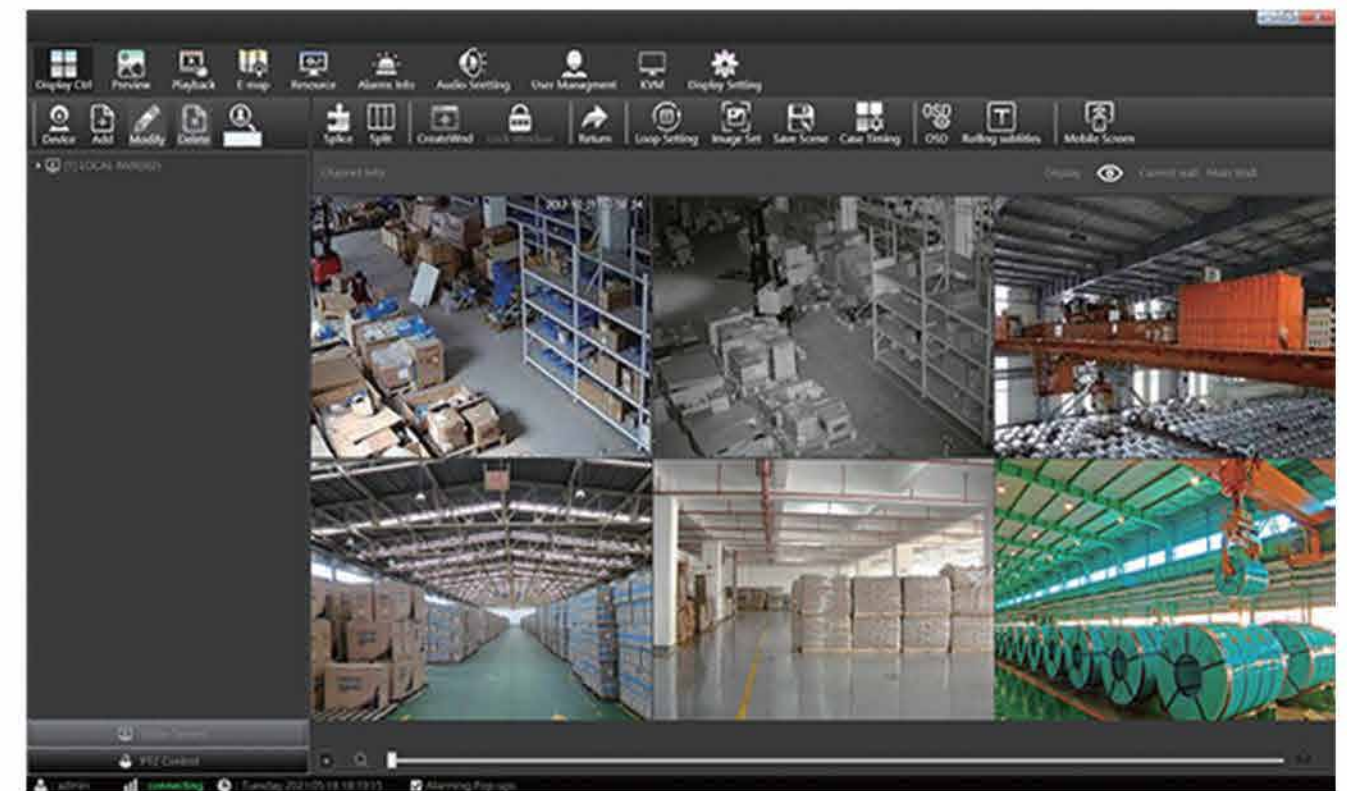


Real-time video monitoring

According to the different monitoring demand, location and corresponding deployment scenarios, the front camera can be connected to the monitoring platform through the network. When we meet large amount of data, 24 hour uninterrupted supervision will be managed by disk array storage and real-time monitoring. The control program of scheduling system for all types of data is the key to the dispatching work, video wall display system continuously work for 7x24 hours, to ensure the timeliness of the scheduling and control.

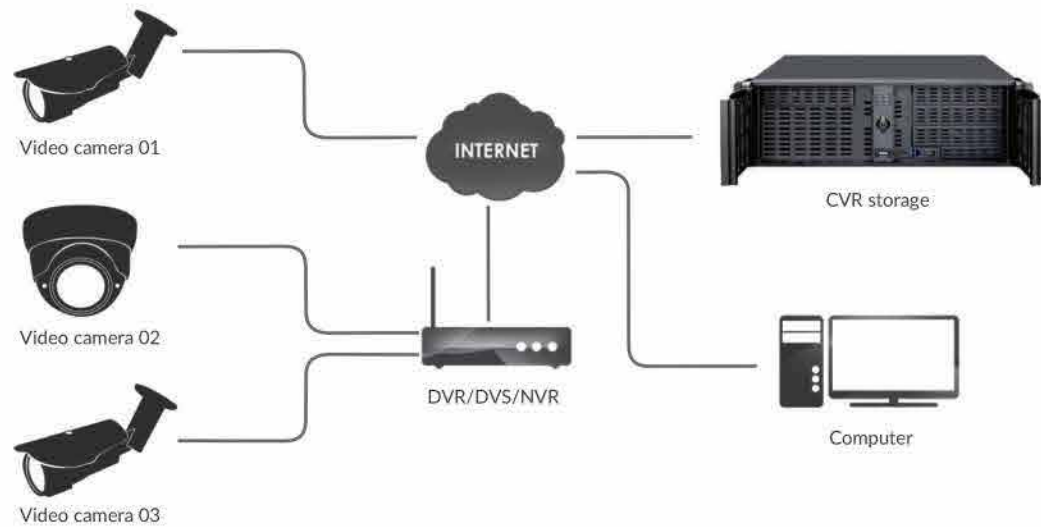
Visual display

All systems will be presented in related ways, such as pictures, data, video, software interface, which are more intuitive and vivid.



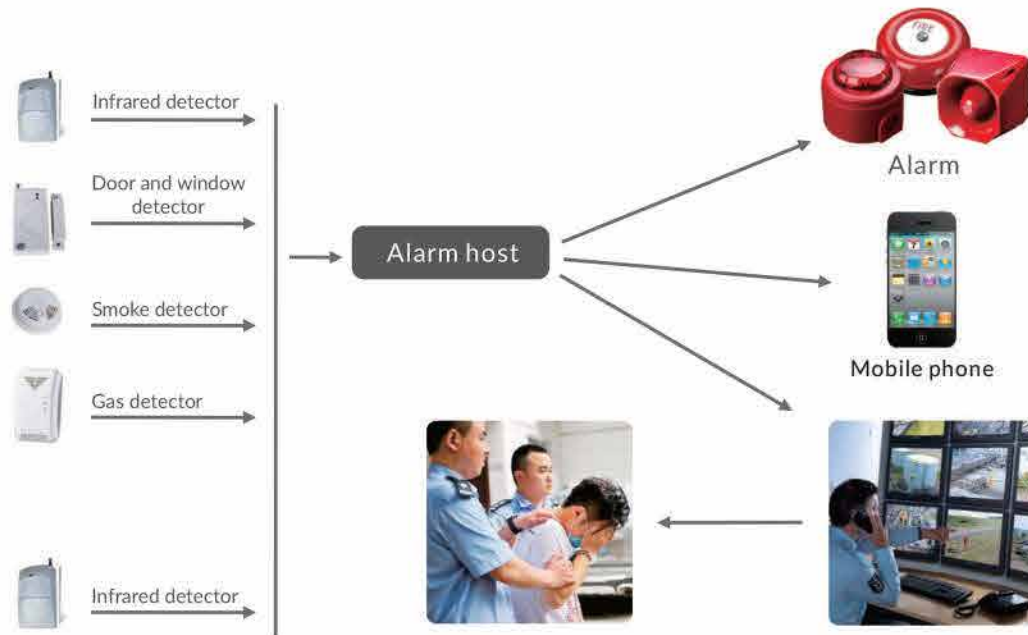
Remote storage

The system supports image transmitting function, when multiple users request real time viewing at the same time on the same mega camera, use media server to realize real-time transmission of image flow, reduces video bandwidth occupied by monitoring system at the same point, avoid network congestion caused by internal business disruptions.



Linkage alarm

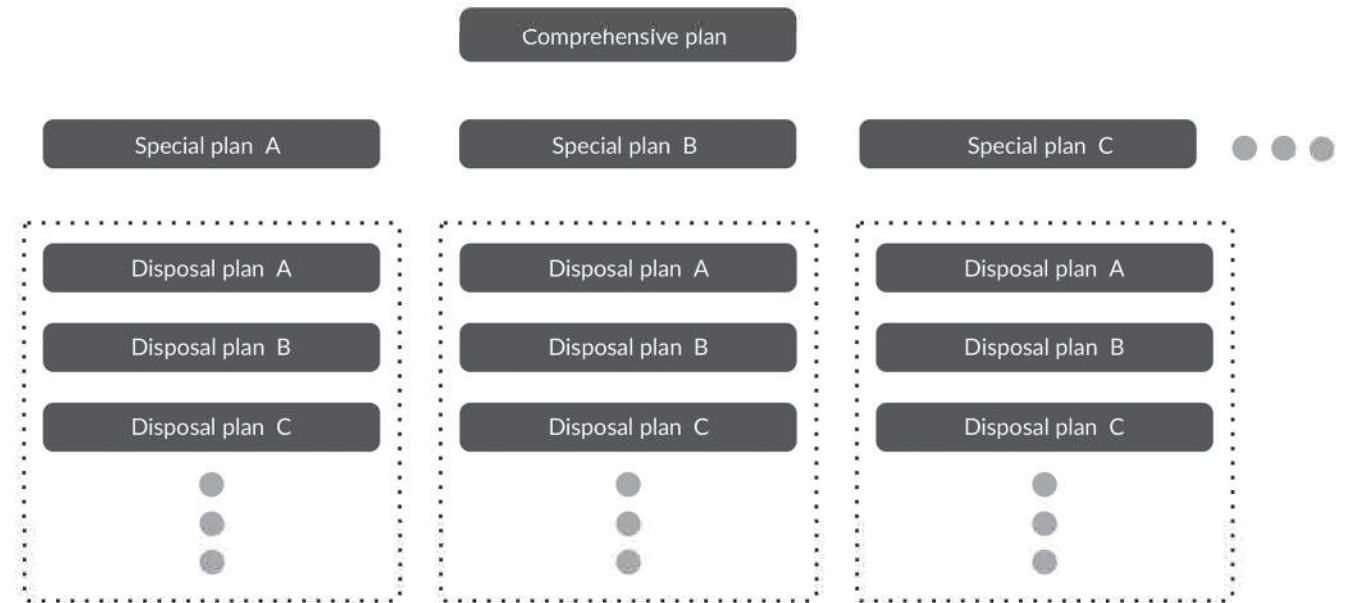
After installing infrared detector in the front-end and accessing to the backend alarm host which is connected with sound and light alarm, once the illegal intrusion is detected, alarms will be sent out, and a series of linkages will be launched according to settings, when various types of alarms are generated, all alarm information will be collected at the business client side. Planning and on-site scene of each alarm linkage can be managed via the alarming interface, finally all kinds of alarm information will do classified statistics through the alarm information statistics, and linkage can be generated with video equipment simultaneously, to transfer live video to the display terminal in real time which can realize the alarm linkage function.



Control Room

Preset management

The research and development of contingency plans can be carried out via an integrated security management platform, to realize input and linkage settings of various contingency plans. A resource directory can be formed through the abstraction of pre-arranged data elements and information resources. The integrated security management platform can be automatically associated with the corresponding contingency plans in the event of different police information. This is more convenient to help the management to make decision.



Electronic map

Support 3D multilayer electronic map; easily define the monitoring points and the alarm points on the map; support zoom map; alarm can be displayed in the relevant locations on the map when alarming; view scene images and make PTZ control by clicking on the alarm icon.



Decision-making Support

Decision-making support collects information for HD display system: all kinds of information collected and arranged by the system + analysis calculation results of various models are shown in the most simple and intuitive form according to the needs of the decision makers, to help decision makers quickly and accurately understand the current situation, analyze the pros and cons of various scheduling schemes, as well as help them better to make the right decisions.

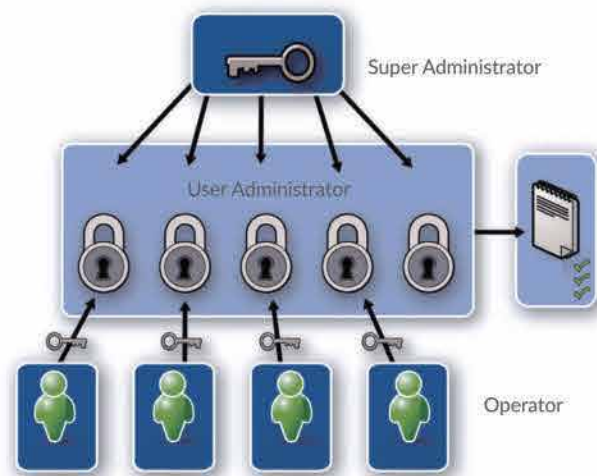


Conduct Investigation of Cases Based On Video

Greatly improve the efficiency of video viewing through intelligent applications, such as video concentrating, abstract and retrieval; recover the blurred image to let the image details and characteristics more clearly through image enhancement, image restoration and other intelligent image processing technologies, to provide the actual security service.

User Privilege Management

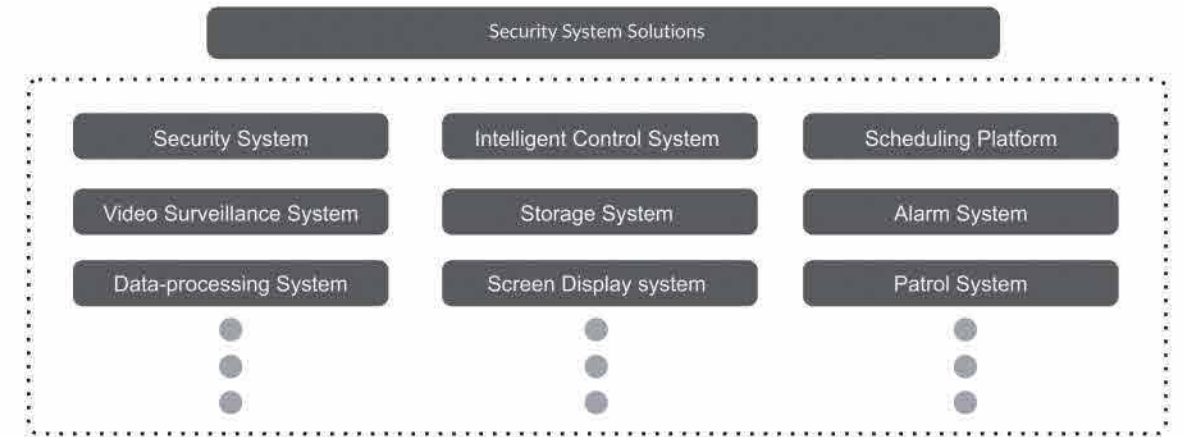
User management supports various users, such as super administrator, user administrator and operator. Different users can be assigned different permissions for managing subsystem and equipment control configuration



Control Room

Simplify Operation System

Multiple systems can be connected into single system to realize multiple systems docking, centralized management and control can simplify complex systems.



Ultra high definition display

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High practicability

Possess a variety of management methods according to the characteristics of practical applications. Graphical management interface and the system design meets the actual engineering needs. The system configuration emphasizes advantage and practicability, as well as the economic effects of the system configurations, to achieve the comprehensive balance.

High compatibility

iSEMC video wall display system is compatible with peripherals or other peripheral platform of the video wall system; seamless connection for control, transmission and display can be realized.

Stable and reliable

The system is stable and reliable because of adopting mature technologies, not infected with the virus; it has been successfully applied to a number of projects, with mature project experience.



Application industry



Public Safety



Control Room

Emergency Operations Centers (EOC)



Project brief introduction

iSEMC EOCs assist you in the vital task of emergency or disaster response and management. Your EOC personnel must be able to quickly analyze information to inform their operational decision-making and allow them to deploy resources effectively in response to emergencies.

Having a clear and crisp video display is an essential tool for your EOC. They give your people the ability to view, interpret, and use information effectively and speedily.

Description

Optimized Emergency Response 01

When disaster hits, you need to equip your EOC personnel with advanced visualization tools so they can assess the situation and extent of the hazard. You also need to have innovative control room technology for risk analysis and response team steering. iSEMC's EOC visualization and collaboration solutions support decision-makers and emergency operators. They help you maintain clear situational awareness and support critical decisions at critical times.

Streamlined Emergency Response 02

Regardless of whether your operations support law enforcement, firefighting, medical emergencies, or others, you need to trust your visualization system. Our visualization and collaboration solutions will streamline your emergency response capabilities by providing your operators and decision-makers with the information they can trust. iSEMC can provide you with an LCD, LED, or a rear-projection video wall depending on your needs. We will provide it at a cost-effective price, and it will serve your organization well for many years.

Fast Response and Resolution 03

Your ability to respond quickly and effectively to a security incident will be the determining factor in whether you resolve the security issue. You need to have the appropriate information presented in the best way. iSEMC's visualization solutions allow you to collect and display security information and incident data in real-time and in a workspace that fits your needs. You'll have access to all the information you need from a single terminal, even from disparate secured networks. The speed of response this affords you is critical to your response.

Control Room

04

Control Room Collaboration

iSEMC solutions offer you the facility to safely share video and other data across your organization, both internally and outside your control room. Whether consulting with remote decision-makers or communicating with response teams in the field, iSEMC visualization and collaboration solutions will give you the situational awareness you need.

Our media distribution platforms are network-centric, come with open interfaces, and are compliant with industry standards. Its modular and flexible nature means you can scale the system as your requirements change. Installing third-party technology is straightforward, increasing the utility value of our systems.

Features

Ultra High Definition Display

Appropriate designs can be made according to the project's real needs; the display system, mainly composing LCD screen, DLP splicing screen, LED display screen with limited space, the system can support multiple 1080P HD input sources and max input resolution supports up to 4K. Single channel max output resolution supports up to 4K. It also supports high resolution background map, up to 65535x65535 pixels.



Real-time video monitoring

According to the different monitoring demand, location and corresponding deployment scenarios, the front camera can be connected to the monitoring platform through the network. When we meet large amount of data, 24 hour uninterrupted supervision will be managed by disk array storage and real-time monitoring. The control program of scheduling system for all types of data is the key to the dispatching work, video wall display system continuously work for 7x24 hours, to ensure the timeliness of the scheduling and control.

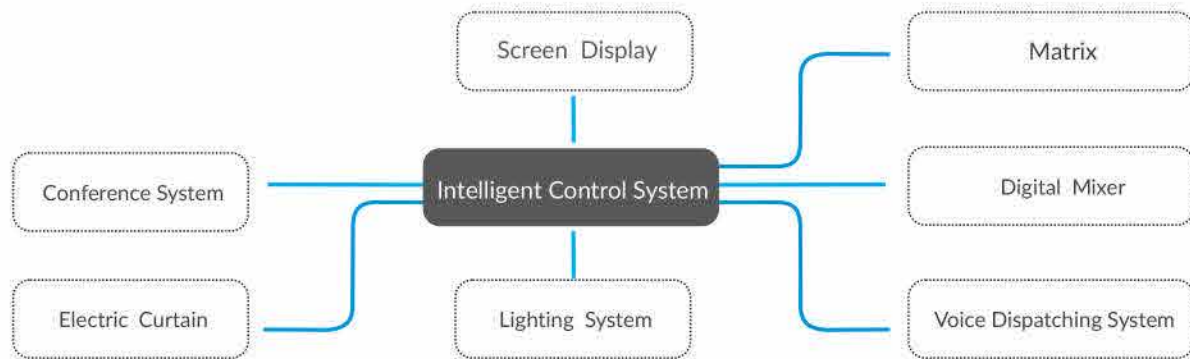


Preset management

The research and development of contingency plans can be carried out via an integrated emergency management platform, to realize input and linkage settings of various contingency plans. A resource directory can be formed through the abstraction of pre-arranged data elements and information resources. The integrated emergency management platform can be automatically associated with the corresponding contingency plans in the event of different action. This is more convenient to help the management to make decision.

Multiple system centralized control

iSEMC command center system solution adopts advanced design concepts and products with leading technologies, plus of intelligent centralized control system, conducts centralized control for various systems, including large screen display system (DLP large screen / LCD splitting /LED display screen etc), video processing system, voice dispatching system, command and control system, system of sound pickup and sound reinforcement, to achieve information mining, assistant decision making, communication and command, centralized control; thus, the operation is more simple and convenient



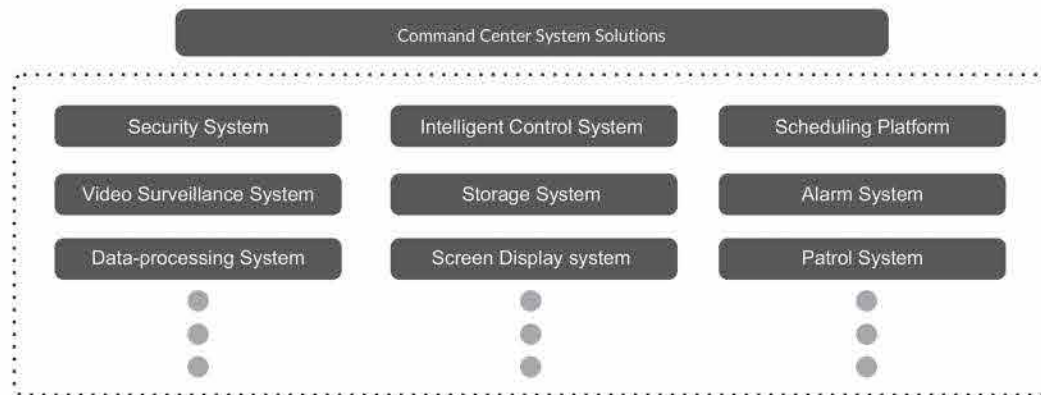
System visualization

Compared with traditional command systems, the iSEMC command central system realize visualization, and all subsystems are presented in the way of pictures, data, video, software interface; thus, the system is more intuitive and image.



Compatible with third-party devices

The system can be seamlessly connected with third party devices or software, to achieve the overall scheduling and control.



Control Room

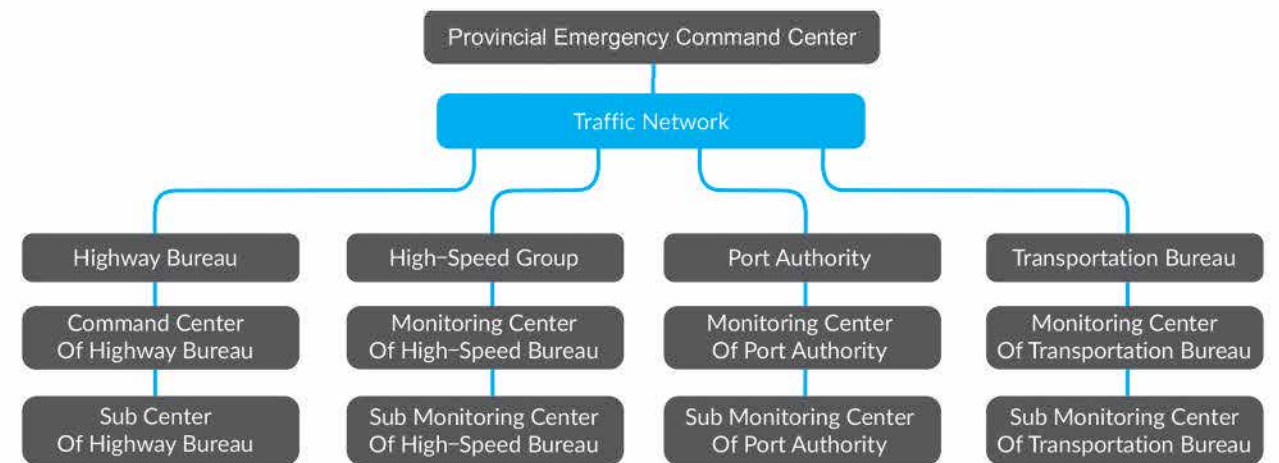
Intelligent linkage control

When there are multiple devices to control, the traditional manual control needs controll multiple systems respectively. Equipment operation and switching speed depends on the level of personnel operation, need for special control. The system can realize the intelligent linkage control of equipment by the corresponding logic, not needing manual operation.



Multi-level scheduling

The system combines voice, video, data and business flow as a whole, via IP network, a whole set of system can be dispatched in ministerial, provincial and municipal centers respectively by the multi-stage deployment mode. The multi-level real-time intercom of command center can be realized by dispatching equipment with IP mode access to the command center.



Decision-making support

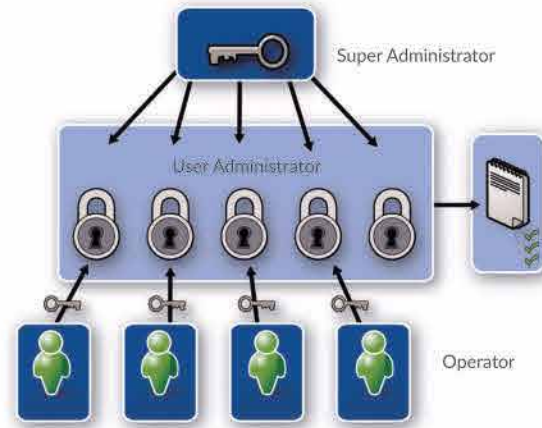
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User privilege management

User management supports various users, such as super administrator, user administrator and operator. Different users can be assigned different permissions for managing subsystem and equipment control configuration, such as: image browsing, loud mirror control, video and image playing, TV wall operation etc..

Support authentication modes including user name + password, or USB Key, or user name, password +USB Key.



Stable and reliable

The system is stable and reliable because of adopting mature technologies, not infected with the virus, it has been successfully applied to a number of projects, with mature project experience.



Wireless Sharing

Wireless transmission can wirelessly transmit signals such as local computers, IPADs, and smart phones to the display terminal

Network Conference

Network conferences can share resources in multiple conference rooms through the network, and transmit signals to each other to achieve centralized management and distribution of audio and video

Video Wall Splicing Control

Built-in video wall splicing function, supports arbitrary opening windows, zooming in & out, roaming, stretching, etc.

Control Room



Public Security



Hospital



Emergency Action Control



Emergency Action Control



Emergency Center

Traffic Management Control Center Rooms



Project brief introduction

Traffic Management Control Center Rooms have a crucial role to play in traffic management. They help to minimize congestion and keep the roads safe and contribute to transportation systems' efficiency. Traffic Control Room display solutions must be reliable, provide you with a 24/7 capability, and give you clear image quality for your data, maps, and video surveillance.

Description

Efficient Monitoring

With an ever-increasing reliance on roads, efficient traffic monitoring is essential to minimize congestion. Efficient monitoring is only possible through effective data gathering, visualization, and planning. The critical nature of traffic management control centers places much higher demand and reliance on your visualization systems. iSEMC can provide you with a range of traffic control room options that will help traffic management control centers resolve traffic situations faster.

01

Fast Management

Good traffic management is no longer merely about monitoring traffic. Nowadays, traffic management control centers play a crucial role in resolving incidents and minimizing the impact of such. For reliable visualization or media management, you need a system that will provide complete situational awareness. It may not be just major motorways you need to monitor, but minor roads too. The sheer scale of information presents your operators with a significant challenge. iSEMC equipment helps you to gather, visualize, and distribute data from all sources, including road cameras, sensors, social media streams, and more.

02

Best Technologies

Our video wall product range includes LED and LCD units, making iSEMC one of only a few manufacturers offering all the leading control room video display and visualization technologies. Therefore, we can fit all your needs and provide you with an ideal solution. Your traffic management control center needs to display various information such as MSPs, camera footage, sensor data, and social media streams and feeds. This level of data requires a flexible, versatile solution for your control room. iSEMC has a wide enough range to cater to your needs, regardless of their complexity.

03

Control Room

Future-Proof Technology

The information coming into your traffic management control center is real-time and comes from various sources, including GPS systems, highway sensors, and other transportation systems. This information must be presented as well as possible. These platforms are network-centric, come with open interfaces, are compliant with industry standards, and come with embedded security. Its modular and flexible nature means you can scale the system as your requirements change. Installing third-party technology is straightforward, increasing the utility value of our systems. Your stakeholders can access real-time information presented as well as possible.

04

Features

Ultra High Definition Display

Appropriate designs can be made according to the project's real needs; the display system, mainly composing LCD screen, DLP splicing screen, LED display screen with limited space, the system can support multiple 1080P HD input sources and max input resolution supports up to 4K. Single channel max output resolution supports up to 4K. It also supports high resolution background map, up to 65535x65535 pixels.



Real-time video monitoring

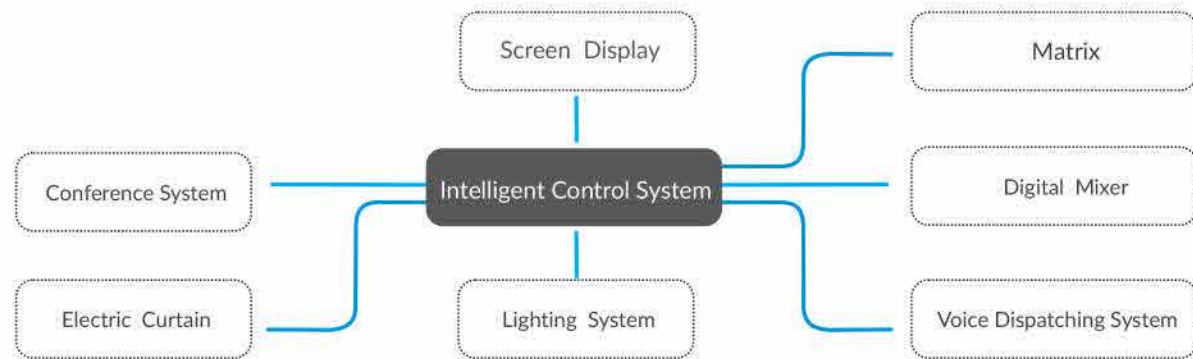
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Preset Management

The research and development of contingency plans can be carried out via an integrated security management platform, to realize input and linkage settings of various contingency plans. A resource directory can be formed through the abstraction of pre-arranged data elements and information resources. The integrated security management platform can be automatically associated with the corresponding contingency plans in the event of different police information. This is more convenient to help the management to make decision.

Multiple system centralized control

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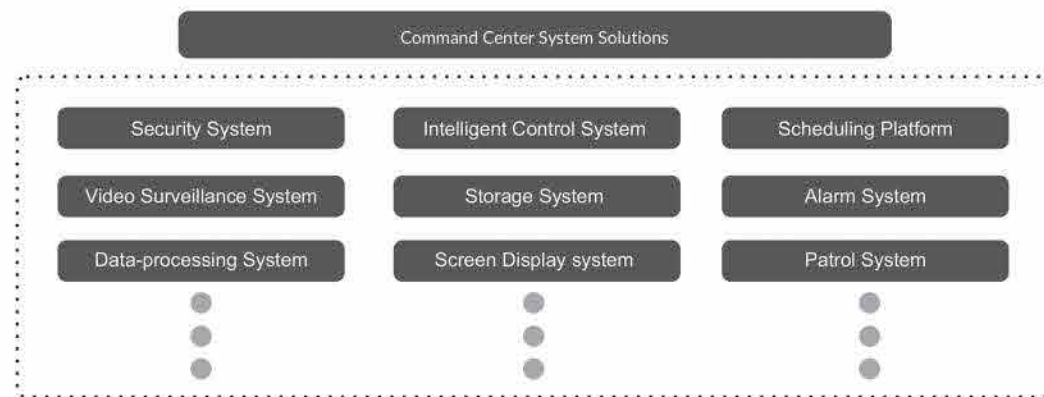
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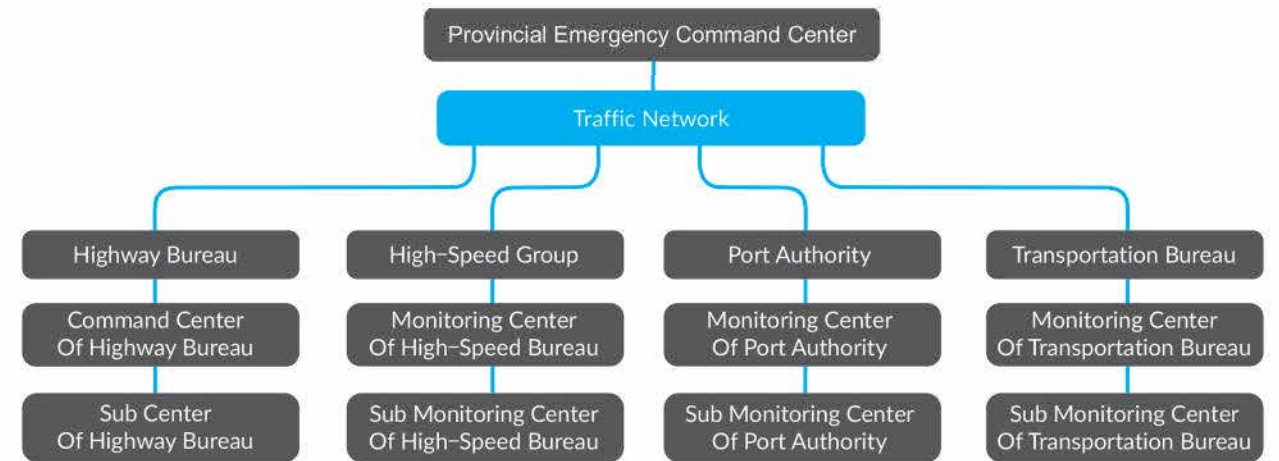
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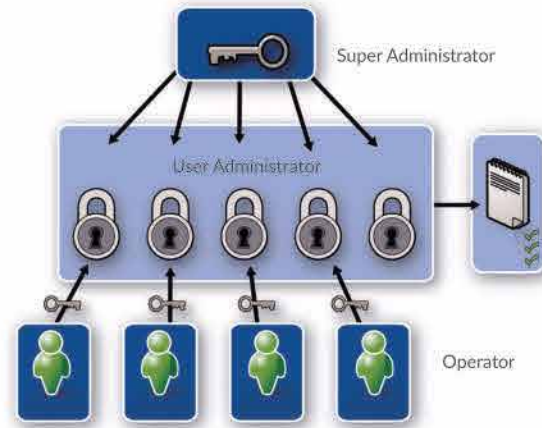
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Application industry



Traffic Management

Control Room



Monitoring Center



Transportation



Traffic Control Center



Monitoring Center

Defense



Project brief introduction

Within a government or military briefing or situation room, the focal point is the video wall. All eyes will be on that point during critical moments of crisis management as you make crucial decisions. We can provide you with leading-edge technology for your display solutions, supporting video conferencing, intelligence feeds, and video footage from your critical assets.

Description

01 Tactical and Homeland Security Support

In a crisis, your mission should be your top priority and focus, not your technology. You should have a Command & Control solution tailored to your specific needs and one with the flexibility to adapt as those needs change. Equally as crucial is that you can rely on that solution for many years. iSEMC has more than fifteen years of experience serving the defense market. We are in tune with your requirements and can deliver that fulfills your expectations.

02 Mission Control

To effectively control your mission and enjoy optimal decision-making, you need reliably presented information 24/7. Secure information gathering and obtaining situational from disparate sources is critical to your mission control. iSEMC provides you with the display technology to fulfill your needs for Command & Control infrastructure, software, and video wall technology to enable better decision-making and situational awareness.

03 Adaptable Technology

To achieve the best decision-making in your security operations, you need to collaborate across your entire network. Information distribution across all levels and industry standards is essential, and it must be delivered in real-time. Our technology adapts to your needs, ensuring you have an all-informed network or communicate with the specific decision-makers you need.

Control Room

04

Supportable Long-Term

Your Command & Control center is a long-term facility, and you must be able to support it in the long term. iSEMC offers you solutions with a guaranteed long product lifecycle that will maximize your return on your investment. Our equipment is simple to procure, straightforward to install, easy to use, and hassle-free to maintain. As your needs change, we can help you scale your operations accordingly. Our solutions are modular, so there is no need for expensive rip-and-replace solutions. We can also assist you with integrating an iSEMC solution with legacy third-party equipment, ensuring seamless onboarding and minimal disruption to operations.

Features

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Real time

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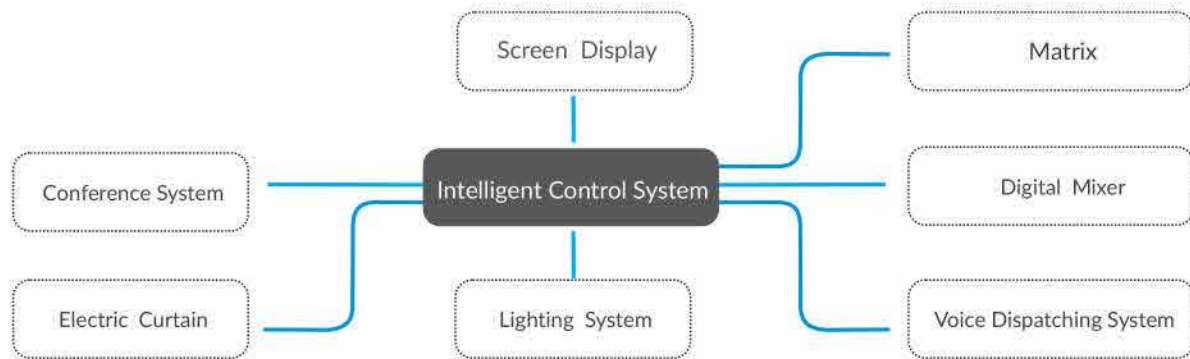


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Multiple system centralized control

iSEMC command center system solution adopts advanced design concepts and products with leading technologies, plus of intelligent centralized control system, conducts centralized control for various systems, including large screen display system (DLP large screen / LCD splitting /LED display screen etc), video processing system, voice dispatching system, command and control system, system of sound pickup and sound reinforcement, to achieve information mining, assistant decision making, communication and command, centralized control; thus, the operation is more simple and convenient



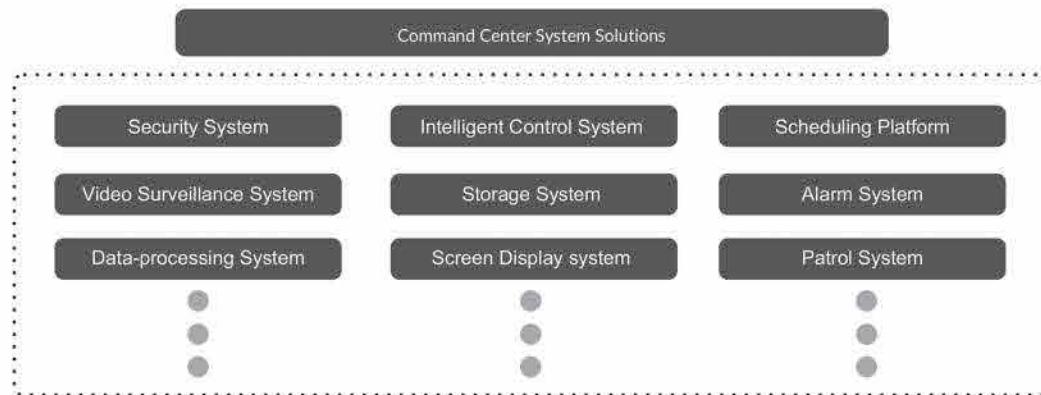
System visualization

Compared with traditional command systems, the iSEMC command central system realize visualization, and all subsystems are presented in the way of pictures, data, video, software interface,thus, the system is more intuitive and image.



Compatible with third-party devices

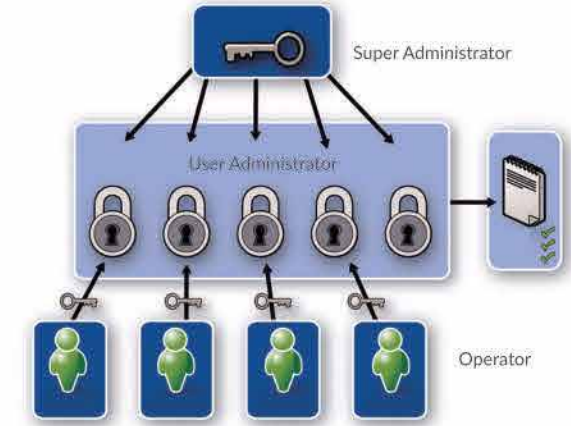
The system can be seamlessly connected with third party devices or software, to achieve the overall scheduling and control.



Control Room

User privilege management

User management supports various users, such as super administrator, user administrator and operator. Different users can be assigned different permissions for managing subsystem and equipment control configuration, such as: image browsing, loud mirror control, video and image playing, TV wall operation etc..



Support authentication modes including user name plus of password, or USB Key, or user name, password +USB Key.

Stable and reliable

The system is stable and reliable because of adopting mature technologies, not infected with the virus; it has been successfully applied to a number of projects, with mature project experience.



Network Conference

Network conferences can share resources in multiple conference rooms through the network, and transmit signals to each other to achieve centralized management and distribution of audio and video

Video Wall Splicing Control

Built-in video wall splicing function, supports arbitrary opening windows, zooming in & out, roaming, stretching, etc.

Decision-making support

Decision-making support collects information for HD display system: all kinds of information collected and arranged by the system, plus of analysis calculation results of various models are shown in the most simple and intuitive form according to the needs of the decision makers, to help decision makers quickly and accurately understand the current situation, analyze the pros and cons of various scheduling schemes, as well as help them better to make the right decisions.



Application industry



Defense Monitoring



Defense Monitoring

Control Room



Military



Military



Military



Military

Process Control Centers



Project brief introduction

Process automation is becoming an increasingly widespread application, and there are now high expectations for visualization solutions to meet the demands of this automation. Your control room requires an effective, reliable, and scalable display system that provides uninterrupted operation.

Description

Efficient Monitoring

Having an efficient monitoring system will optimize your production and safety operations. Your control room is the heart of your production operations, so the visualization equipment you choose must be high quality, reliable, and improve monitoring efficiency. An iSEMC display solution enables you to visualize all data aspects of your operations in real-time, including camera feeds and sensor data. Our control room visualization solutions provide your operators with flexible tools to support your operations 24/7.

01

Best Video Wall Technology

Process control centers need to be able to mix static content with live or recorded video footage. We provide you with solutions that allow you to do this seamlessly, using the best-in-class technologies. We combine this technology with a high level of critical component redundancy to ensure your uptime is maximized.

02

Full Visualization Solution Portfolio

A comprehensive overview of all production processes' critical assets is crucial. It requires synergy between your professional operators and the best visualization or media management systems. Whether you operate a remote or centralized control room, cooperation between operator and machine is critical.

03

Control Room

iSEMC has a reputation for providing production control solutions, stretching back fifteen years. We can provide you with the right solution to meet your needs and give you essential situational awareness. Our portfolio equipment reflects your need for reliability, round-the-clock operations, interoperability, and ROI. With an iSEMC solution, your operators can focus on the operations rather than the technology.

Future-Proof Technology

04

Our platforms are network-centric, come with open interfaces, are compliant with industry standards, and come with embedded security. Its modular and flexible nature means you can scale the system as your requirements change. Installing third-party technology is straightforward, increasing the utility value of our systems. Your stakeholders can access real-time information presented as well as possible. We've also designed it to interface with top 3rd party systems, and has compatibility with many AV & ICT sources. This compatibility ensures your infrastructure is constructed with the best components available. Last but not far from insignificant, security has been embedded as this is a critical aspect of any infrastructure architecture.

Features

Ultra high definition display

Appropriate designs can be made according to the project's real needs, the display system, mainly composing LCD screen, DLP splicing screen, LED display screen with limited space, the system can support multiple 1080P HD input sources and max input resolution supports up to 4K. Single channel max output resolution supports up to 4K. It also supports high resolution background map, up to 65535x65535 pixels.

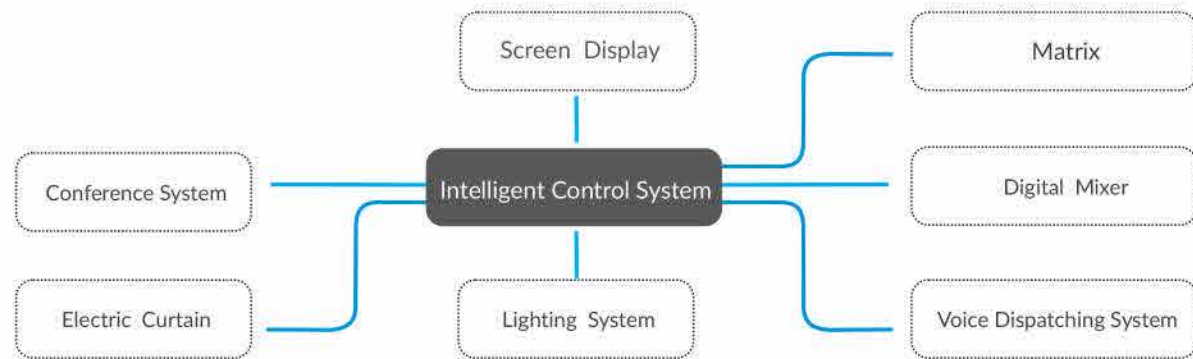


Real time

Real-time data can be released via the real-time data interface or WEB information, to provide users with corresponding realtime dynamic information.

Multiple system centralized control

iSEMC command center system solution adopts advanced design concepts and products with leading technologies, plus of intelligent centralized control system, conducts centralized control for various systems, including large screen display system (DLP large screen / LCD splitting /LED display screen etc), video processing system, voice dispatching system, command and control system, system of sound pickup and sound reinforcement, to achieve information mining, assistant decision making, communication and command, centralized control; thus, the operation is more simple and convenient



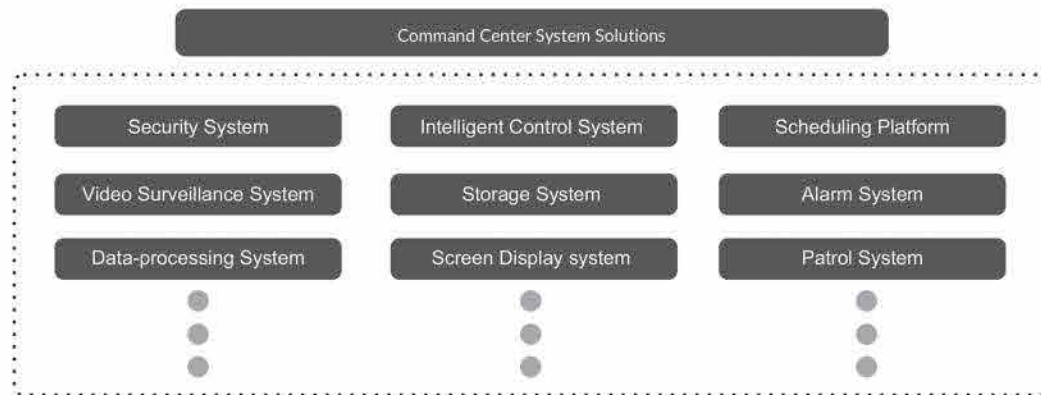
System visualization

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Compatible with third-party devices

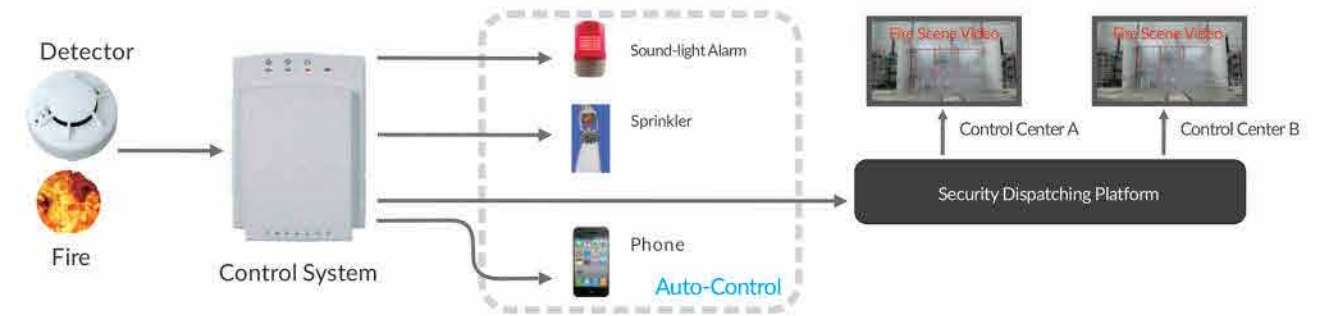
The system can be seamlessly connected with third party devices or software, to achieve the overall scheduling and control.



Control Room

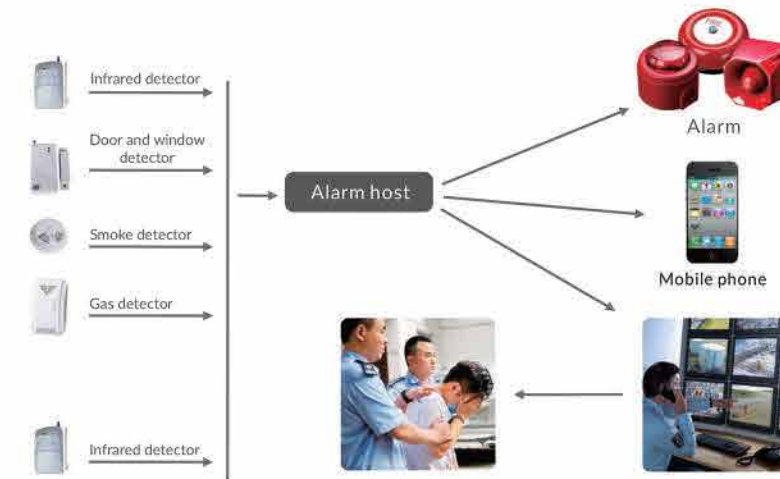
Intelligent linkage control

When several devices needing control, the traditional manual control needs controlling multiple systems respectively. Equipment operation and switching speed depends on the level of personnel operation, needing for special control. The system can realize the intelligent linkage control of equipment by the corresponding logic, not needing manual operation.



Linkage alarm

After installing infrared detector in the front-end and accessing to the backend alarm host which is connected with sound and light alarm, once the illegal intrusion is detected, alarms will be sent out, and a series of linkages will be launched according to settings, when various types of alarms are generated, all alarm information will be collected at the business client side. Planning and on-site scene of each alarm linkage can be managed via the alarming interface, finally all kinds of alarm information will do classified statistics through the alarm information statistics, and linkage can be generated with video equipment simultaneously, to transfer live video to the display terminal in real time which can realize the alarm linkage function.



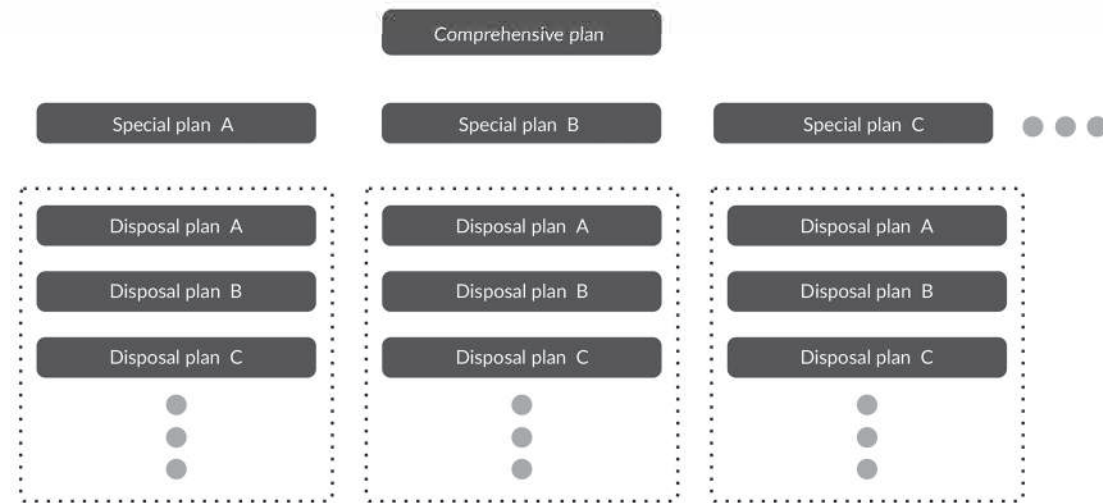
Decision-making support

Decision-making support collects information for HD display system: all kinds of information collected and arranged by the system, plus of analysis calculation results of various models are shown in the most simple and intuitive form according to the needs of the decision makers, to help decision makers quickly and accurately understand the current situation, analyze the pros and cons of various scheduling schemes, as well as help them better to make the right decisions.



Preset management

The research and development of contingency plans can be carried out via an integrated security management platform, to realize input and linkage settings of various contingency plans. A resource directory can be formed through the abstraction of pre-arranged data elements and information resources. The integrated security management platform can be automatically associated with the corresponding contingency plans in the event of different police information. This is more convenient to help the management to make decision.



Electronic map

Support 3D multilayer electronic map; easily define the monitoring points and the alarm points on the map, support zoom map; alarm can be displayed in the relevant locations on the map when alarming, view scene images and make PTZ control by clicking on the alarm icon.



Recording & playback function

iSEMC process control system solution enables recording and playback feature in the appropriate work modes; video, sound and other contents (such as PPT) of the conference system and speakers can be simultaneously encoded into standard IP streaming format in full hardware device mode, and then transmit through the network. The post-process is conducted within the recording & playback platform, including picture dynamic synthesization, streaming media publishing etc. Contents will be automatically stored in the server during the meetings.

Stable and reliable

The system is stable and reliable because of adopting mature technologies, not infected with the virus; it has been successfully applied to a number of projects, with mature project experience.

Control Room

Application industry



Command Center



Control Room



Control Room



Process Control Centers

Corporate

 iSEMC


Auditorium

Meeting Room

Experience Center

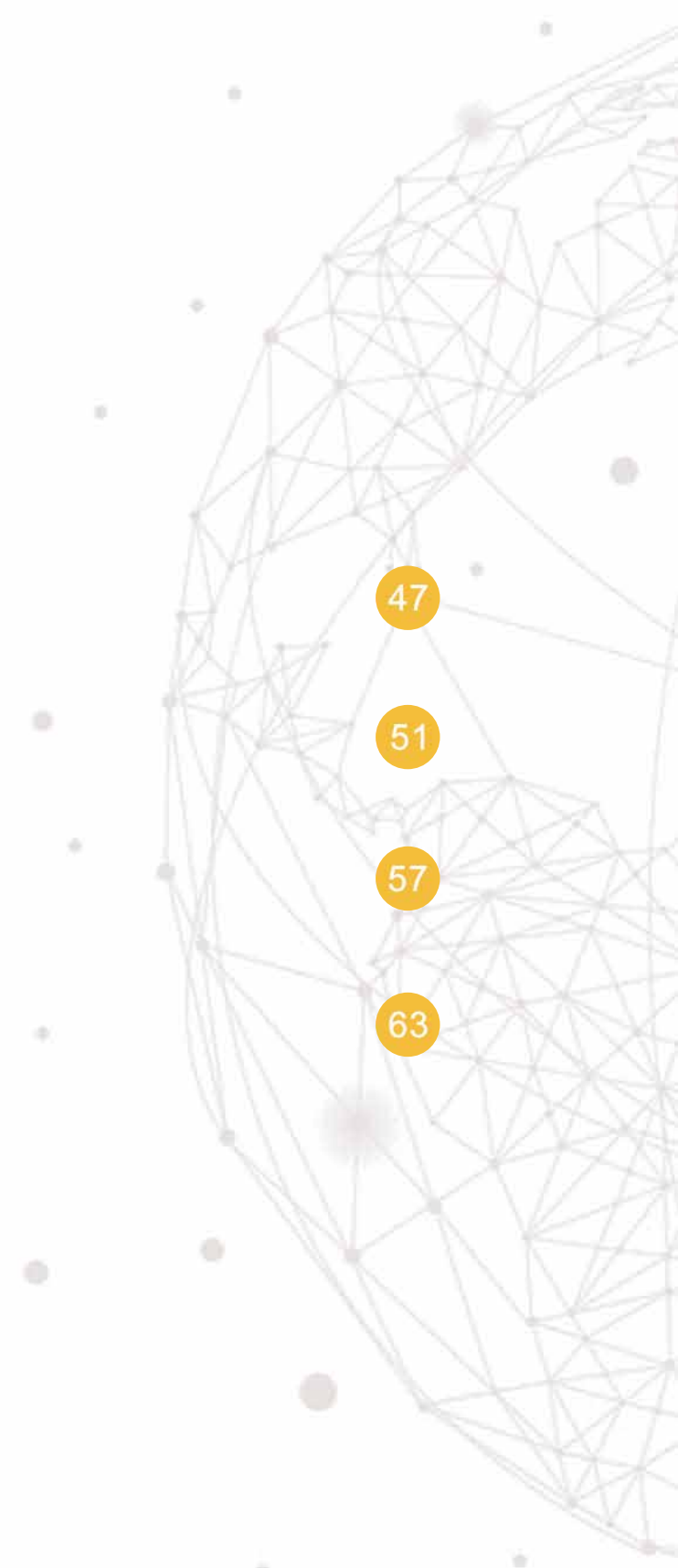
Lobby & Reception

47

51

57

63



Auditorium



Project brief introduction

Auditoriums are the ideal corporate environment to have an engaging impact on employees and clients. You can create an impressive centerpiece with an iSEMC LED or LCD video wall, enabling you to inspire large groups, deliver immersive presentations, and communicate to your organization.

Description

Inspire Through Creativity

Your skills are in organizing inspirational events within your in-house auditorium. iSEMC's bright visualization solutions can help you make a difference when it comes to influencing your audience. You'll be able to captivate your audience's attention, create exceptional and lasting moments, and increase interaction. Putting your trust in the correct technology will give you a better connection with all stakeholders, customers, visitors, and other audience types.

Get Eyes On Your Content

Restyling your auditorium, or designing a new one, is a considerable investment. However, you are investing in an innovative and flexible space that will reap benefits for your organization and generate additional revenue through hosting significant events. The way you set your space up is crucial, and you should consider aspects such as the main display, acoustics, rear wall, stage area, etc. All your design decisions should focus on producing stunning visual and audio effects. Your audience needs a perfect view from whatever angle they are viewing. iSEMC visual solutions offer you everything you need for your ideal auditorium setup.

Corporate

Impact Investment

Do not underestimate the impact that you can make through stunning visual presentations. You can maximize this impact through your auditorium, allowing you to engage with a large audience, whether that be part of a corporate training program or a stunning sales presentation to existing clients and potential customers. An immersive, interactive presentation will allow your organization to shine and give you the persuasive edge you need. These benefits are what iSEMC's solutions for collaboration, visualization, and screen management offer you. We can provide your imagery, video, and presentations the impact that you want them to have and that you deserve, regardless of the audience, location, or topic.

Create a WOW Factor

The stunning visualizations we offer to your performances and presentations will give you the WOW factor. We've focused on providing you with exceptional viewing experiences, superior image and video quality, and stunning contrast and color levels. Therefore, you don't need to worry about such things. Nor do you need to be concerned about our solution's technical aspects, they are straightforward and quick to set up and operate.

Features

Ultra HD video display

Appropriate designs can be made according to the project's real needs; the display system, mainly composing LCD screen, DLP splicing screen, LED display screen with limited space, can work together with the supporting video matrix, VGA matrix, mixed matrix, controller and so on. Thus, the system can be connected to a computer network system, video conferencing system, live camera and other independent computer workstation, to achieve the integrated display of these computer graphics and video image information, as well as meet various needs of meeting, conference, command and scheduling, and then provide an intuitive, interactive and flexible display system.

Remote video conference

Enable to design according to needs of the project, and support many persons to have remote video conferencing at different sites through the MCU and HD terminals (including video conferencing cameras), moreover, support 1080P video conferencing access over 1024 sites through the cascade.



Conference video recording and playback function

Synchronous recording, live broadcast and multicast, playback can be conducted for relevant important meetings or activities. Contents of the meeting can be recorded, meanwhile, the network live broadcast can be done simultaneously. The meeting content can be played back after the meeting.

Application of multi functions

Suitable for various application, including meeting, discussions, speeches, presentations, reports, training, command, scheduling, academic exchanges, news releases, theatrical performances, entertainment celebration activity, movie theaters, kalaok etc.. It can be applied to consultation, local meetings, education and training, remote television and telephone conference, video conference, entertainment activities etc..



Intelligent control

The system can be designed according to the actual project, as well as control the lighting, curtains and air conditioning. A variety of working modes can be set, to adjust light brightness, control the lifting of curtains and working mode of the air conditioning. The intelligent sensing can be used to control devices for lighting, curtains and air conditioner; switch on/off multiple devices can be realized by one key (no need to control individual devices one by one). Automatic control corresponding equipment can be carried out according to the time segment, without the needs of professional lighting engineers on duty, to save human resources. The corresponding working modes can be switched by a key at any time according to changes of personnel and projects.



Corporate

Centralized control

The meeting room can adopt a centralized control system, which can replace remote controllers of audio and video equipment, plus of wall switches. The system takes the touch screen as the operation center, comprehensive, modular and integrated intelligent control of all devices in the system can be realized via touch screens. The operator can simply and conveniently control all kinds of complex subsystem devices by modular control or partial control via screens distributed in the conference room, entrance and exit of conference room and control room, including safety timing switch of power supply; adjust the external environment such as light and temperature setting, set intelligent working modes, realize individual control and linkage control of audio and video equipment; meanwhile, the real-time working state of the equipment and operation results are feed back to the touch screen for display. Control levels can be set by password authorization; thus the superior management personnel can supervise and control audio and video equipment of the entire building via a touch screen.

Application



Meeting Room



Project brief introduction

Company meeting rooms and presentation rooms are key spaces for important conversations, sharing ideas, discussing strategies and making key business decisions. In these environments, seamless video walls and high-resolution large-format 4K LCD display makes your team with the highest clarity presenting data and information in order to enhance communication and support the decision-making process.

Description

Collaborate and conference efficiently in a hybrid workplace

01

In need of more engaged, interactive meetings at your workplace? Unlock the power of wireless collaboration, wireless presentation and wireless conferencing with technology. iSEMC's wireless meeting room solutions and visualization solutions bring secure, interactive and flexible experiences in all your meeting spaces.

Great things happen when people click

02

In business today, intuitive and quick collaboration is key. iSEMC's meeting room and wireless conference solutions connect you to customers, suppliers and colleagues. They help you grow the potential of your employees and reach common goals. They encourage you to make decisions in an interactive, collaborative setting. Book a room, start a conference call, in seconds people work and start collaborating. Users access the display screen, share their screen or start a video conference simply and effortlessly. Our solutions help optimize screen sharing and video conferencing solutions. In any type of space: conferencing, meeting or huddle. And even outside of the room we improve your hybrid meeting experience for employees working from home. This type of hybrid collaboration brings team members closer together and makes sharing knowledge swift. Tailored to the standards of your IT department: connected, easy to set up, monitor, manage and maintain. We guarantee you the finest image quality and highest reliability. For all our visual collaboration tools, meeting room solutions and management solutions. Now and in future we help you achieve your goals in any type of meeting room.

Corporate

Wireless Presentation

03

Meeting room wireless presentation solutions are designed with security in mind. The wireless collaboration systems are the perfect fit for team work in any type of meeting room. No matter if it's a small to large meeting or boardroom, with or without enterprise grade touch screen. Both guests and employees have the freedom to share any way they want: with the Button, the Collaboration App and even via screen mirroring. Collaborating becomes seamless, instant and with only one-click. Our futureproof technology with features like moderation brings an unrivalled, interactive & effective experiences to your biggest assets your employees.

Wireless Conference

04

iSEMC Wireless Conference is the meeting solution for seamless, wireless conferencing in all your meeting rooms, conference rooms, huddle spaces or boardrooms. With our wireless conference room solution you bring your own meeting and make optimal use of the room AV. You can instantly and wirelessly share the apps from your laptop to the room display or video wall. You connect wirelessly to the USB camera, mic and speakers in the room for better hybrid meetings. You can work with your online conference system, your conference room display solution and your brand of AV peripherals. Enjoy an immersive meeting experience and get higher engagement from both in-room and remote participants, no matter the conferencing system you use. Collaborate easily with the Conferencing Button or Desktop App. Invest in a wireless conference room presentation system that enhances remote and flexible ways of working.

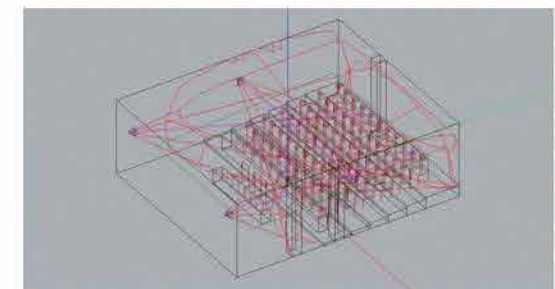
Features

Ultra HD video display

Appropriate designs can be made according to the project's real needs; the display system, mainly composing LCD screen, DLP splicing screen, LED display screen with limited space, can work together with the supporting video matrix, VGA matrix, mixed matrix, controller and so on. Thus, the system can be connected to a computer network system, video conferencing system, live camera and other independent computer workstation, to achieve the integrated display of these computer graphics and video image information, as well as meet various needs of meeting, conference, command and scheduling, and then provide an intuitive, interactive and flexible display system.

Architectural acoustics design

Professional acoustic design can be carried out for actual projects; the system fully consider the sound intensity and balance of the whole site, effectively remove howling caused by large acoustic pressure, and is harmony with the environment. Sound at the site is uniform, clear and loud, without echo feeling and howling. Full and soft voice clear bass, alto, deep and strong, distinct; with enough acoustic pressure level and signal dynamic range, showing high quality, high standard, high quality voice.



Paperless

Paperless meeting is realized through the electronic exchange of documents by using various technologies including modern communication, audio & video and software application, enable to display the participant's relevant information, display and open the distributed meeting files, support to open documents and synchronously sharing presentations, annotation documents, as well as watch synchronous presentation. Moreover, the system has meeting recording function, written and note by circles on a whiteboard can be carried out, meeting records can be saved.



Conference video recording and playback function

Synchronous recording, live broadcast and multicast, playback can be conducted for relevant important meetings or activities. Contents of the meeting can be recorded; meanwhile, the network live broadcast can be done simultaneously. The meeting content can be played back after the meeting.

Centralized control

The meeting room can adopt a centralized control system, which can replace remote controllers of audio and video equipment + wall switches. The system takes the touch screen as the operation center; comprehensive, modular and integrated intelligent control of all devices in the system can be realized via touch screens. The operator can simply and conveniently control all kinds of complex subsystem devices by modular control or partial control via screens distributed in the conference room, entrance and exit of conference room and control room, including safety timing switch of power supply; adjust the external environment such as light and temperature setting, set intelligent working modes, realize individual control and linkage control of audio and video equipment, meanwhile, the real-time working state of the equipment and operation results are feed back to the touch screen for display. Control levels can be set by password authorization; thus the superior management personnel can supervise and control audio and video equipment of the entire building via a touch screen.

Remote video conference

Enable to design according to requirements of the project, and support different persons to have remote video conferencing at different sites through the MCU and HD terminals (including video conferencing cameras), moreover, support 1080P video conferencing access over 1024 sites through the cascade.

Corporate

Application of multi functions

Suitable for various applications, including meeting, discussions, speeches, presentations, reports, training, command, scheduling, academic exchanges, news releases, theatrical performances, entertainment celebration activity, movie theaters, kalaok etc.. It can be applied to consultation, local meetings, education and training, remote television and telephone conference, video conference, entertainment activities etc..



Intelligent control

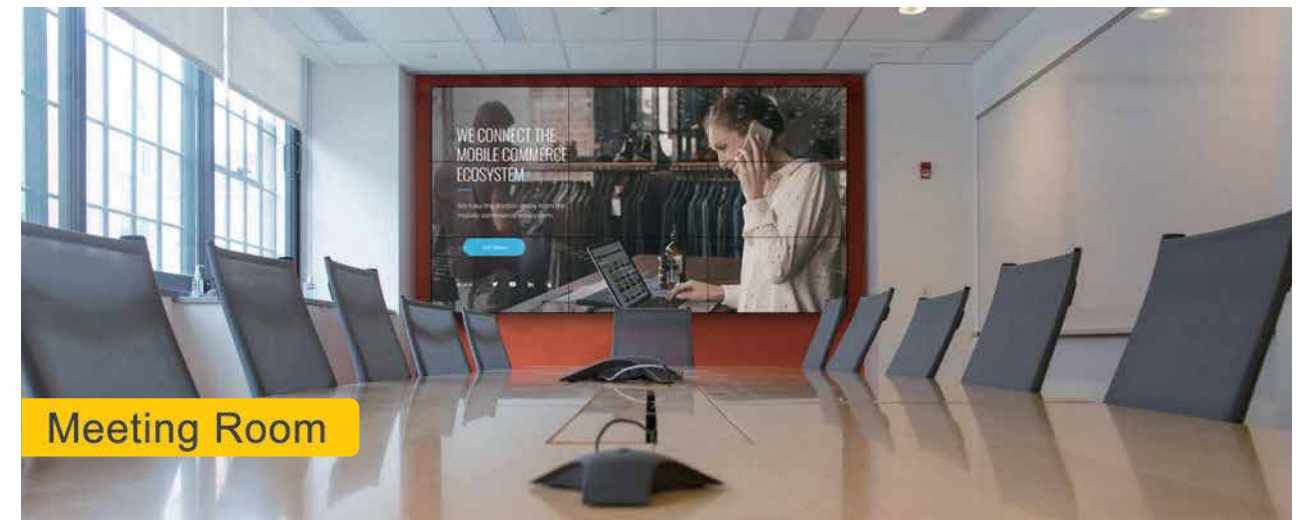
The system can be designed according to the actual project, as well as control the lighting, curtains and air conditioning. A variety of working modes can be set, to adjust light brightness, control the lifting of curtains and working mode of the air conditioning. The intelligent sensing can be used to control devices for lighting, curtains and air conditioner; switch on/off multiple devices can be realized by one key (no need to control individual devices one by one). Automatic control corresponding equipment can be carried out according to the time segment, without the needs of professional lighting engineers on duty, to save human resources. The corresponding working modes can be switched by a key at any time according to changes in personnel and projects.



Interactive display

The 3D multimedia interactive display solution adopts advanced multimedia interactive display system, and break through the traditional static display form, to achieve true three-dimensional, dynamic, real-time interactive display performance.

Realize comprehensive control functions to the played contents, equipment and environment through many kinds of terminals including PAD, mobile phone, PC etc., with the help of signal acquisition and intelligent sensing control equipment.



Meeting Room

Meeting Room

Meeting Room

Meeting Room

Meeting Room

Meeting Room

Corporate

Experience Center



Project brief introduction

Maximize visitor engagement by using an iSEMC video wall or digital signage. We can provide these solutions to match your needs and in the size of your choosing. You can seamlessly distribute your content across several display units, creating a stunning and captivating experience, and controlled from a single centralized platform.

Description

Show and Share Experiences

The true benefit of experience centers is that visitors have the experience rather than merely hearing about it. Your aim should be to make these experiences as memorable and stunning as possible, and you can achieve that with an iSEMC in an educating, informing, and entertaining manner. With one of our visualization solutions, you are taking the customer experience to another level.

01

Sell Through Seeing

Your experience center can be the most crucial part of the customer journey. You should do everything you can to maximize your opportunities to convert visitors into customers. Consider your experience center as your top salesperson and give them the tools to sell! An iSEMC solution is the best sales tool you can give them, as a stunning visual display is more likely to seal the deal than a verbal sale pitch.

02

State-Of-The-Art Technology

You want to do the best for your brand, which means using only the best technology in your experience center. iSEMC uses state-of-the-art technology in our visualization solutions for experience centers. They'll allow you to showcase your brand and organization the way it should be displayed; in stunning clarity. We'll provide you with reliable, simple-to-use, easily maintained, and versatile solutions. They will enable you to adapt and transform your story-telling canvas. For a quality, flexible, and consistent visualization solution, an iSEMC product will exceed your expectations and those of your customers too.

03

Corporate

Features

Visual display

All systems will be presented in related ways, such as pictures, data, video, software interface, which are more intuitive and vivid.



Wide range of applications

The system is widely used for control various devices, which are used in intelligent conference room, video intercom, intelligent community, intelligent office, command center, smart home, distance education, video conferencing, monitoring center and other projects.



Creative splicing

The video wall system takes the video wall display unit (LCD splicing unit, LED display unit, DLP projector) as a unit. Creative splicing can be made according to the number of display units in actual projects; the system isn't limited under any condition in number and splicing style.

Support live play

In the video area for information release, the television live play signal can be transmitted through coding devices of the digital television.



Powerful centralized control

The system has complete control system, can control the most professional or non professional equipment. Smart buttons, which can realize system pretreatment or one key multifunction, make the system more intelligent and automatic.

Information release

Release the real-time surrounding entertainment through the information release system, display and product information and corporate events, to provide customers with fast and convenient information.

Industrial grade equipment

iSEMC video wall display system is an industrial grade device; it supports arbitrary power off and power on without any setting; thus its operation is convenient, direct and professional, not affected by the network or network viruses. The MTBF is greater than 50000 hours. The system adopts the embedded system and industrial-level products, to ensure that the project is stable and reliable.

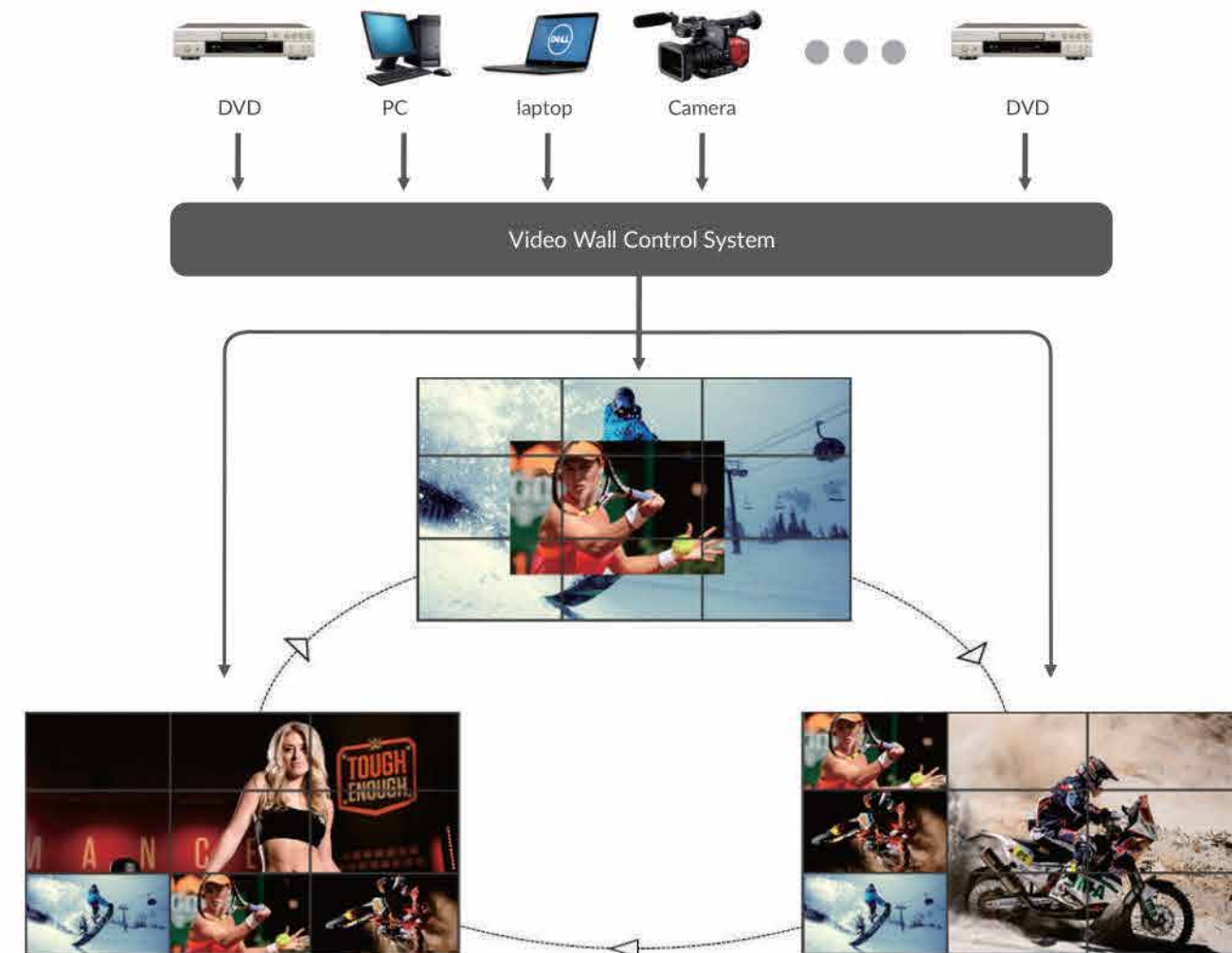
HD playback

Support various media HD playback, including various pictures and videos in different forms.



Multiple video input sources and diversification display

iSEMC video wall display system supports any combination of display mode, multiple windows overlaying, multiple signals displaying simultaneously. And moreover, the system can set up multiple display modes, and supports the relevant display mode of one-key switch. Support input of multiple signals, such as video signals and computer signals. Various signal sources, such as video monitoring information, camera, video recorder, VCD, projector for actually stands and computer signal, can access the multiple screen image processing system. Signals can be freely moved, zoom in/out, across the screen or overlapped in the form of windows after being processed.



High practicability

Possess a variety of management methods according to the characteristics of practical applications. Graphical management interface and the system design meets the actual engineering needs. The system configuration emphasizes advantage and practicability, as well as the economic effects of the system configurations, to achieve the comprehensive balance.

High compatibility

iSEMC video wall display system is compatible with peripherals or other peripheral platform of the video wall system; seamless connection for control, transmission and display can be realized.

Corporate

Pure digital technology

iSEMC video wall display system adopts pure digital technologies to solve various problems of analog display and transmission and integrated wiring. various signals can be transmitted via only few transmission cables. Moreover iSEMC video wall display system supports remote transmission, and digital transmission is more stable and reliable than analog transmission.

Network function

Support all existing IP network and network protocols, as well as provide guarantee for service quality. Real-time information release: rolling subtitles, pictures, video and other spots. Network update broadcast content, no need of manual change. Manage the play terminals in the centralized or distributed management modes via network, supporting hierarchic and partition management.

Creative and free combination

User management supports various users, such as super administrator, user administrator and operator. Different users can be assigned different permissions for managing subsystem and equipment control configuration, such as: image browsing, cloud mirror control, video and image playing, TV wall operation etc..



Interactive display

The 3D multimedia interactive display solution adopts advanced multimedia interactive display system, and break through the traditional static display form, to achieve true three-dimensional, dynamic, real-time interactive display performance. Realize comprehensive control functions to the played co-ntents, equipment and environment through many kinds of terminals including PAD, mobile phone, PC etc. with the help of signal acquisition and intelligent sensing control equipment.

Corporate

Application



Lobby & Reception



Project brief introduction

The first opportunity you have to make an impression with visitors is in your corporate lobby or reception area. Fitting a stunning video wall in these areas will create an intriguing space, enabling you to communicate your corporate message creatively, vividly, and stunningly.

Description

Make An Impression

First impressions last, and when it comes to making a first impression, there is no better way than with stunning visuals. iSEMC's display and visualization solutions enable you to deliver a WOW effect to those entering your lobby or reception.

01

Enliven Your Content and Brand

iSEMC's easy-to-use and low-maintenance visualization solutions allow you to bring your content and brand to life. You'll have powerful tools in LED or LCD technologies and tailored to your specific requirements. From their first encounter with your organization and brand, your customers or visitors will receive an incredible customer experience that will leave a lasting impression. What's also great about our solutions is that they are low-maintenance, high-return, and long-lasting. We are experts in visualization solutions, and you know what your visitors want. Together, we can create an incredible experience for everyone with whom you engage.

02

Corporate

LED Video Walls

03

You can have a video wall using high-quality direct-view LED technology in the size and resolution you require for your lobbies, receptions, and meeting rooms.

Ultra-Slim Bezel LCD

04

iSEMC's ultra-slim bezel LCD visualization solutions are a step-change in brightness, image quality, and color calibration. They are also quick to install, low maintenance and high reliability. They provide a seamless LCD video wall for your lobbies, receptions, and meeting rooms.

Features

Interactive display

The 3D multimedia interactive display solution adopts advanced multimedia interactive display system, and break through the traditional static display form, to achieve true three-dimensional, dynamic, real-time interactive display performance.

Realize comprehensive control functions to the played contents, equipment and environment through many kinds of terminals including PAD, mobile phone, PC etc., with the help of signal acquisition and intelligent sensing control equipment.



Creative splicing

The video wall system takes the video wall display unit (LCD splicing unit, LED display unit, DLP projector) as a unit. Creative splicing can be made according to the number of display units in actual projects, the system isn't limited under any condition in number and splicing style.

Intelligent control

Adopt the advanced control system; the peripheral devices around the video wall system may be controlled through the intelligence control system, it only needs clicking on the touching screen to realize fast switch of random signals and display of pre-set display modes, the linkage control can be realized with devices of the third party through the corresponding signals.



Industrial grade equipment

iSEMC video wall display system is an industrial grade device, it supports arbitrary power off and power on without any setting, thus its operation is convenient, direct and professional, not affected by the network or network viruses. The MTBF is greater than 50000 hours.

The system adopts the embedded system and industrial-level products, to ensure that the project is stable and reliable. The system is more stable and reliable than devices adopting Android or IOS systems, and ordinary computers adopting Windows system.

Creative and free combination

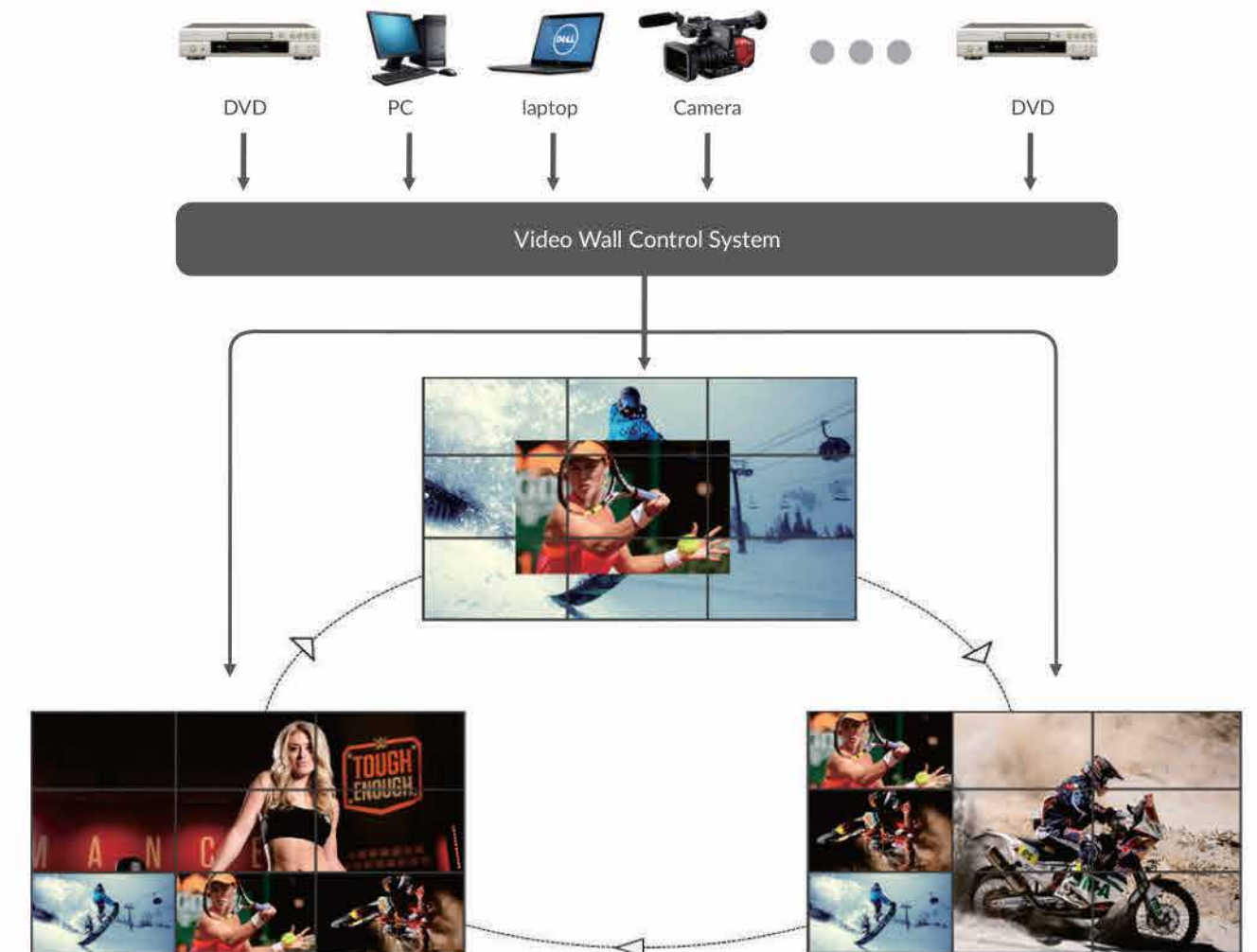
iSEMC video wall display system can select various display technologies, such as LED screen, LED splice screen, projection splice and projection fusion; a variety of display techniques can be combined freely, to form solutions of creative video wall display systems.



Corporate

Multiple video input sources and diversification display

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High practicability

Possess a variety of management methods according to the characteristics of practical applications. Graphical management interface and the system design meets the actual engineering needs. The system configuration emphasizes advantage and practicability, as well as the economic effects of the system configurations, to achieve the comprehensive balance.

High compatibility

iSEMC video wall display system is compatible with peripherals or other peripheral platform of the video wall system; seamless connection for control, transmission and display can be realized.

Pure digital technology

iSEMC video wall display system adopts pure digital technologies to solve various problems of analog display and transmission and integrated wiring. various signals can be transmitted via only few transmission cables. Moreover iSEMC video wall display system supports remote transmission, and digital transmission is more stable and reliable than analog transmission.

Application



Lobby & Reception



Lobby & Reception



Lobby & Reception



Lobby & Reception



Lobby & Reception



Lobby & Reception



Lobby & Reception



Lobby & Reception

Corporate

More Applications



Higher Education

Broadcast

Digital Signage

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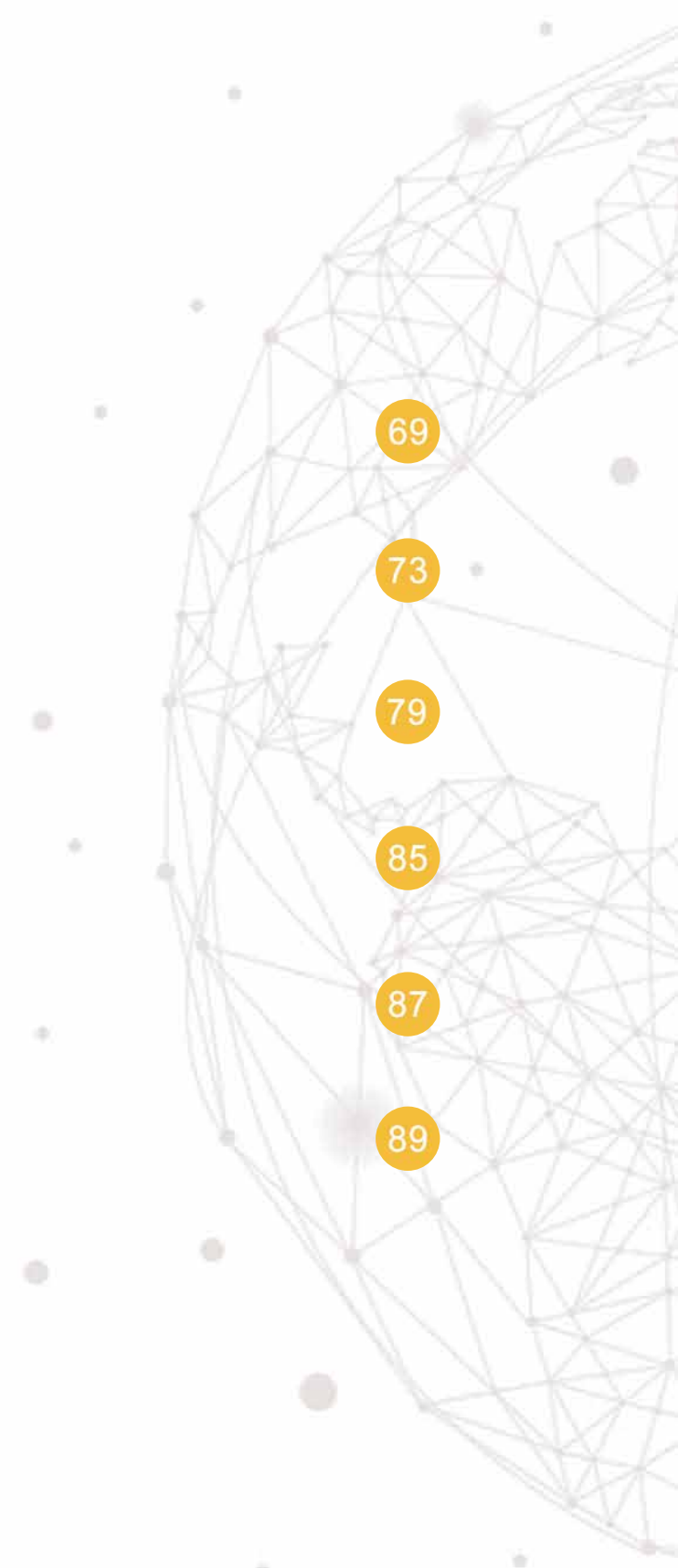
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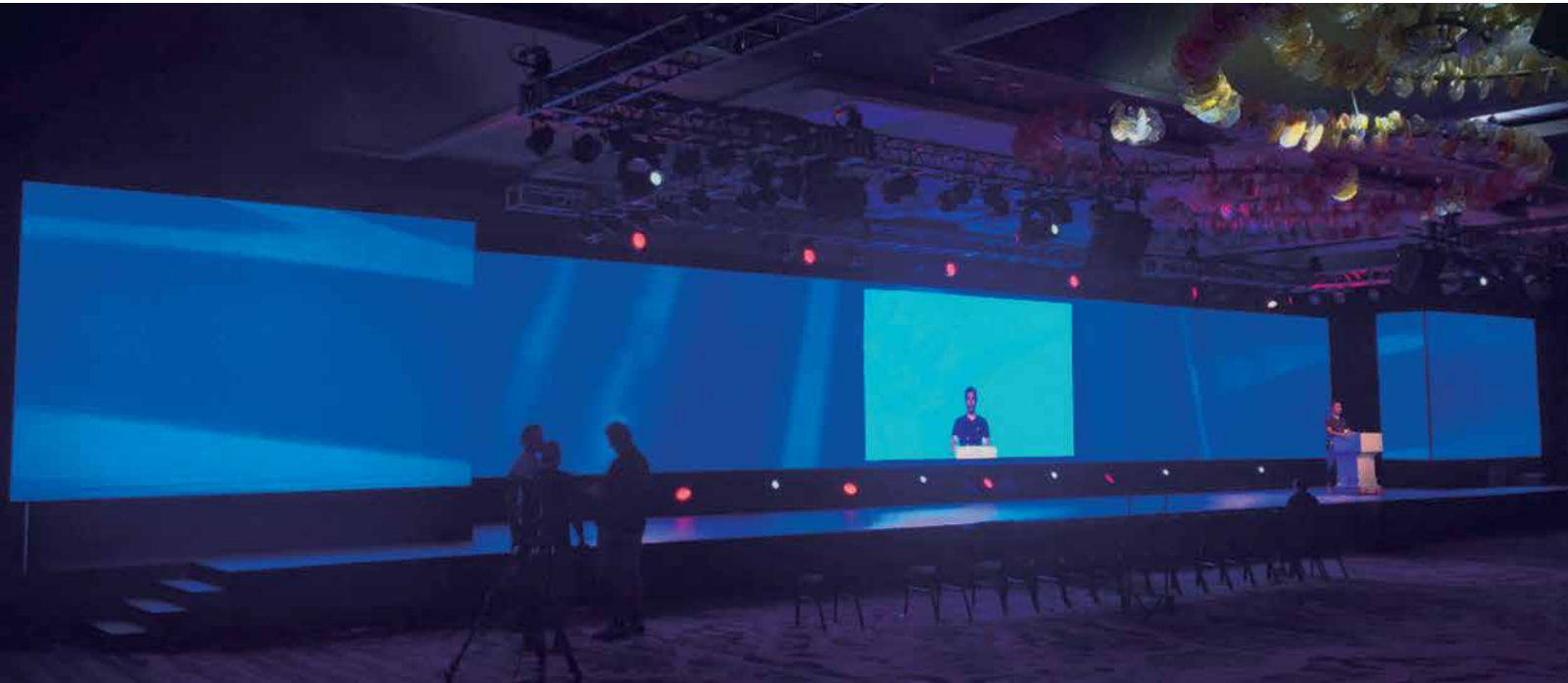
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Higher Education



Project brief introduction

Higher education is being reshaped, and there is no more explicit example of this change than through the adoption of visualization and display technology in universities and colleges. LCD and LED video walls and interactive display installations are particularly well-suited to academic institutions, because new generation students has grown up with technology in almost every aspect of their lives. They are used to learning through video, and they will understand better with high-quality visuals.

Description

Engage Your Students

Educators need to find more engaging means of engaging with students. Our striking touch-screen video walls and LED canvasses give you a stunningly exciting and creative medium to interact with college-level students.

From their first visit, they'll be captivated by your incredible visual displays. It will demonstrate you are a forward-leaning institution and serve as an exceptional recruitment tool to attract the best students.

01

Enhance Your Students' Experience

Modern, high-tech solutions are an excellent way to immerse your students in interactive education, and iSEMC can provide such solutions. Classrooms or lecture theatres, social and recreational areas benefit from our stunning visualization displays. They inspire the students and help develop a dynamic educational environment.

02

Higher Education

Collaborative Learning

03

Our visualization solutions promote collaboration and inspire teamwork. Students can use the interactive functionality for problem-solving, developing strategies, and test hypotheses.

Applications



Visitor Centers and Receptions

These places are your first opportunity to engage with new students. Remember, first impressions last, and there is no better way of making a stunning first impression than with an immersive, interactive video wall or LED canvas. Your visitors can explore your campus, facilities, history, and every other aspect of your story. They will be excited at the prospect of learning at a high-tech, forward-thinking institution. And these visitors will soon become your students.



Sports Facilities and Changing Rooms

Your collegiate program will be in fierce competition with other institutions for the best students. To be competitive, you must have the best facilities and those that the modern student expects. Creative LED displays and video walls installed in sports facilities, locker areas, changing rooms, and so on allow you to communicate with students outside of the learning environment. It will demonstrate to the students the importance you place on sport and education, inspiring them to adopt the same attitude.



Classrooms and Lecture Halls

It is the learning environment that iSEMC solutions come into their own. You can provide your students with a vibrant, immersive, and interactive learning experience that will inspire, motivate, and reshape their education. Our visualization solutions are quickly becoming an essential and integral part of the learning environment. Your students will expect these facilities and will exceed expectations when using them.

Security Control Rooms

Security is of paramount importance at all educational institutions, regardless of their size or level. Real-time visual information presented, reliably, and easily is essential in a security environment where seconds count. iSEMC can provide you with the best visualization solutions on the market.



Student Hubs and Centers

Stunning video walls and durable visual digital displays installed in areas where students gather enrich the students' experience. You can use them to educate, inform, or merely entertain your students. Regardless of the purpose, your students will appreciate these facilities, and they will enrich the students' educational experience.



Higher Education



Visitor Centers



Visitor Centers



Student Hubs and Centers



Visitor Centers

Broadcast



Project brief introduction

Have you got a great story to tell? Broadcasting it on one of our stunning visualization displays will captivate your audience and maintain their attention. iSEMC video display solutions are dynamic and vivid, giving your viewers an incredible experience. Supporting your broadcasts with stunning imagery and interactive content will bring your story to life.

Description

01 Unique Storytelling Opportunities

Using iSEMC's cutting-edge visualization technologies, you can engage your audience through unique storytelling opportunities, combining immersive experiences, live sources, and content interaction. These visual opportunities merge trends in augmented and virtual realities, simulation, and integrated environments allowing you to engage with your audience at a deeper level.

02 Best Experience

Adequate or satisfactory are not words that viewers are prepared to accept for their visual experiences. They now expect the highest quality of imagery and video. Upgrading your studio with the latest LED video walls will ensure that your broadcasts remain relevant and competitive.

03 Scene Setting

Creativity is crucial for providing your audience with breathtaking and high-quality broadcasts. Just as important is the visualization technology you use to bring that creativity to life. Excellent visualization is key to setting the scene for an incredible production.

04 No Room For Downtime

In live TV broadcasting, downtime is not an option. Our display solutions are designed with in-built power and video redundancy, meaning you get continuous operations 24/7. Ensure you have total reliability for your mission-critical broadcast applications.

Broadcast

Features

Visual display

All systems will be presented in related ways, such as pictures, data, video, software interface, which are more intuitive and vivid.



Interactive display

The 3D multimedia interactive display solution adopts advanced multimedia interactive display system, and break through the traditional static display form, to achieve true three-dimensional, dynamic, real-time interactive display performance. Realize comprehensive control functions to the played co-ntents, equipment and environment through many kinds of terminals including PAD, mobile phone, PC etc., with the help of signal acquisition and intelligent sensing control equipment.



Creative splicing

The video wall system takes the video wall display unit (LCD splicing unit, LED display unit, DLP projector) as a unit. Creative splicing can be made according to the number of display units in actual projects; the system isn't be limited under any condition in number and splicing style.



Industrial grade equipment

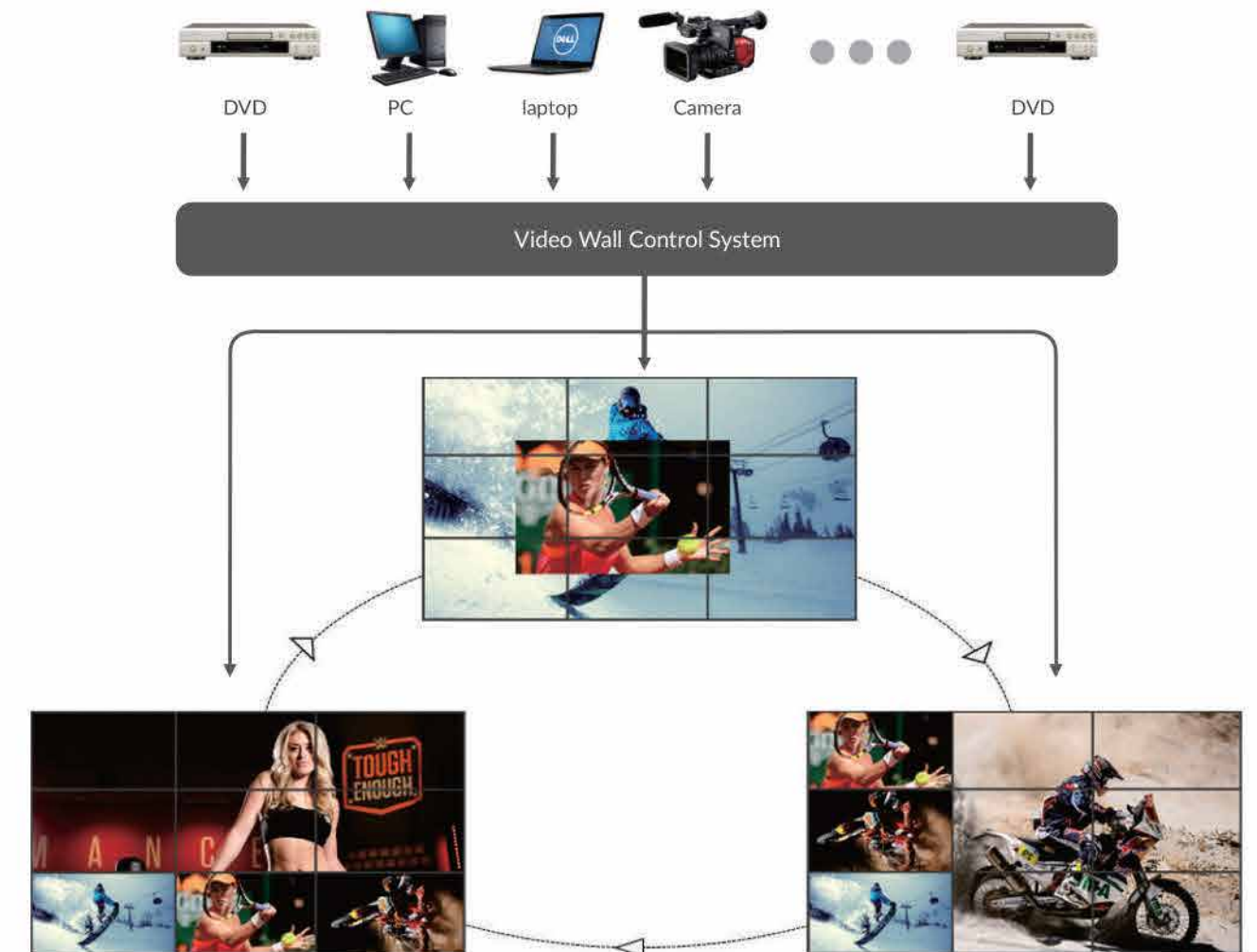
iSEMC video wall display system is an industrial grade device; it supports arbitrary power off and power on without any setting; thus its operation is convenient, direct and professional, not affected by the network or network viruses. The MTBF (Mean Time Between Failure) is ≥ 50000 hours.

The system adopts the embedded system and industrial-level products, to ensure that the project is stable and reliable. The system is more stable and reliable than devices adopting Android or IOS systems, and ordinary computers adopting Windows system.

Broadcast

Multiple video input sources and diversification display

iSEMC video wall display system supports any combination of display mode, multiple windows overlaying, multiple signals displaying simultaneously. And moreover, the system can set up multiple display modes, and supports the relevant display mode of one-key switch. Support input of multiple signals, such as video signals and computer signals. Various signal sources, such as video monitoring information, camera, video recorder, VCD, projector for actually stands and computer signal, can access the multiple screen image processing system. Signals can be freely moved, zoom in/out, across the screen or overlapped in the form of windows after being processed.



High practicability

Possess a variety of management methods according to the characteristics of practical applications. Graphical management interface and the system design meets the actual engineering needs. The system configuration emphasizes advantage and practicability, as well as the economic effects of the system configurations, to achieve the comprehensive balance.

High compatibility

iSEMC video wall display system is compatible with peripherals or other peripheral platform of the video wall system; seamless connection for control, transmission and display can be realized.

Pure digital technology

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Creative and free combination

iSEMC video wall display system can select various display technologies, such as LED screen, LED splice screen, projection splice and projection fusion; a variety of display techniques can be combined freely, to form solutions of creative video wall display systems.



Intelligent control

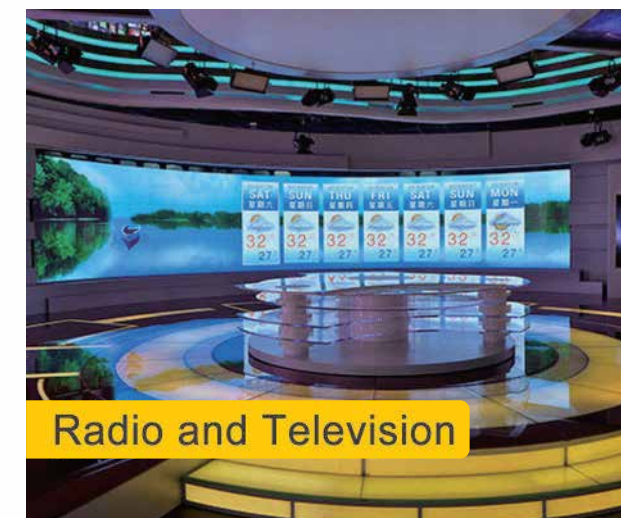
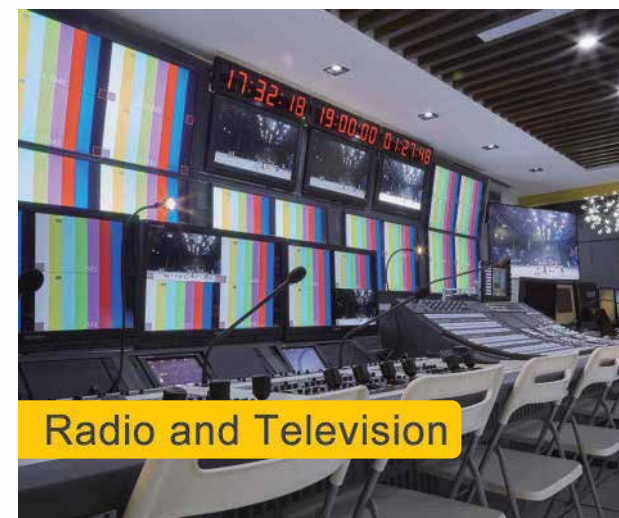
Adopt the advanced control system; the peripheral devices around the video wall system may be controlled through the intelligence control system; it only needs clicking on the touching screen to realize fast switch of random signals and display of pre-set display modes; the linkage control can be realized with devices of the third party through the corresponding signals.

Support live play

In the video area for information release, the television live play signal can be transmitted through coding devices of the digital television.

Information release

Release the real-time surrounding entertainment and tourist attractions information through the information release system, display and forecast weather information and the world clock, to provide customers with fast and convenient information.



Broadcast

Digital Signage



Project brief introduction

Provide your audience with dynamic digital experiences with iSEMC's portfolio of digital signage. Our digital signs offer you an exciting and compelling alternative to static signage, bringing your story to life and creatively delivering your content. iSEMC displays and video walls come with ultra-high-resolution, giving your audience an incredible user experience.

Description

Engagement Driving

01

Whether your message is to inform, educate, advertise, or entertain, having a vivid visualization system will allow you to drive engagement with your audience and consumers. iSEMC enables you to forge deeper connections through our interactive and storytelling visual display solutions.

Create Unique Immersive Spaces

02

You can create unique, dramatic, and immersive spaces with our visual display solutions or transform an existing space. Our large, stunning video wall displays will leave a lasting impression on your audience, ensuring your message is not one they quickly forget.

Seamless Integration

03

Our solutions are designed to integrate seamlessly into your environment, whether professional, private, retail, public or elsewhere. Our products are modular and incorporate a high level of flexibility to ensure you can adapt them to fit your needs. You can use smooth curves, bendable displays, and column wraps to create intriguing and integrated designs.

Built to Last

04

All iSEMC solutions are designed to be robust and made to last. Their durability guarantees you can use them repeatedly long-term, and we use technology such as protective coatings to ensure their longevity of performance. Redundancy in power supply means that you'll have uninterrupted service from your visual displays when everything else is suffering from a power outage.

Digital Signage

Features

Visual display

All systems will be presented in related ways, such as pictures, data, video, software interface, which are more intuitive and vivid.



Creative splicing

The video wall system takes the video wall display unit (LCD splicing unit, LED display unit, DLP projector) as a unit. Creative splicing can be made according to the number of display units in actual projects; the system is not limited under any condition in number and splicing style.

Support live play

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Information release

Release the real-time surrounding entertainment and tourist attractions information through the information release system, display and forecast weather information and the world clock, to provide customers with fast and convenient information.

Industrial grade equipment

iSEMC video wall display system is an industrial grade device; it supports arbitrary power off and power on without any setting; thus its operation is convenient, direct and professional, not affected by the network or network viruses. The MTBF (Mean Time Between Failure) is ≥50000 hours.

The system adopts the embedded system and industrial-level products, to ensure that the project is stable and reliable. The system is more stable and reliable than devices adopting Android or IOS systems, and ordinary computers adopting Windows system.

HD playback

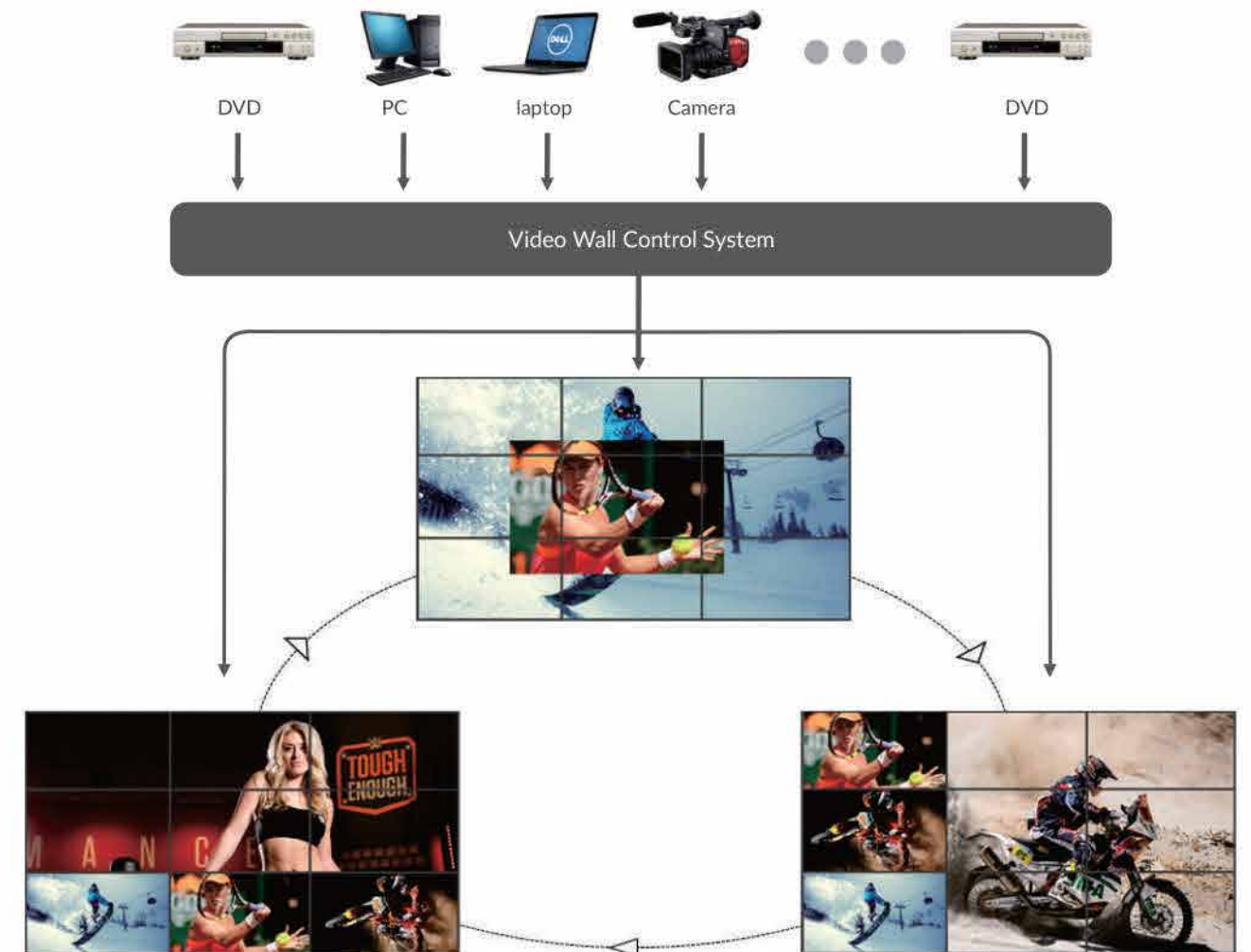
Support various media HD playback, including various pictures and videos in different forms.



Digital Signage

Multiple video input sources and diversification display

iSEMC video wall display system supports any combination of display mode, multiple windows overlaying, multiple signals displaying simultaneously. And moreover, the system can set up multiple display modes, and supports the relevant display mode of one-key switch. Support input of multiple signals, such as video signals and computer signals. Various signal sources, such as video monitoring information, camera, video recorder, VCD, projector for actually stands and computer signal, can access the multiple screen image processing system. Signals can be freely moved, zoom in/out, across the screen or overlapped in the form of windows after being processed.



High practicability

Possess a variety of management methods according to the characteristics of practical applications. Graphical management interface and the system design meets the actual engineering needs. The system configuration emphasizes advantage and practicability, as well as the economic effects of the system configurations, to achieve the comprehensive balance.

High compatibility

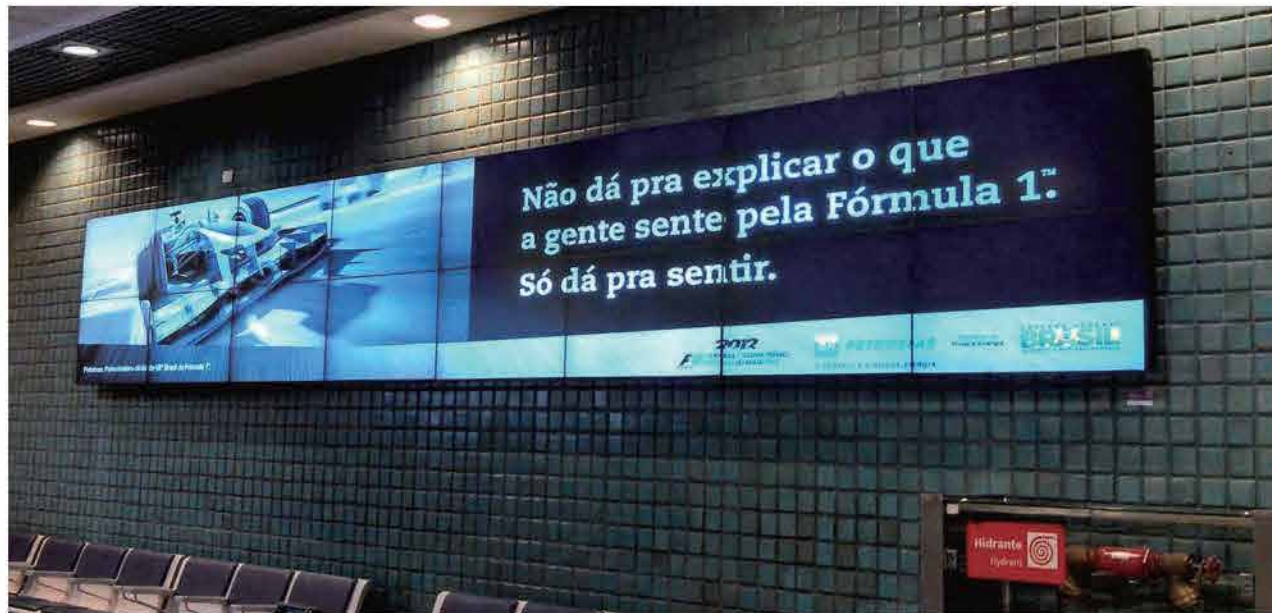
iSEMC video wall display system is compatible with peripherals or other peripheral platform of the video wall system, seamless connection for control, transmission and display can be realized.

Pure digital technology

iSEMC video wall display system adopts pure digital technologies to solve various problems of analog display and transmission and integrated wiring. Various signals can be transmitted via only few transmission cables; Moreover, iSEMC video wall display system supports remote transmission, and digital transmission is more stable and reliable than analog transmission.

Creative and free combination

iSEMC video wall display system can select various display technologies, such as LED screen, LED splice screen, projection splice and projection fusion; a variety of display techniques can be combined freely, to form solutions of creative video wall display systems.



Intelligent control

Adopt the advanced control system, the peripheral devices around the video wall system may be controlled through the intelligence control system, it only needs clicking on the touching screen to realize fast switch of random signals and display of pre-set display modes, the linkage control can be realized with devices of the third party through the corresponding signals.

Network function

Support all existing IP network and network protocols, as well as provide guarantee for service quality.
Real-time information release: rolling subtitles, pictures, video and other spots.
Network update broadcast content, no need of manual change.
Manage the play terminals in the centralized or distributed management modes via network, supporting hierarchic and partition management.
Remotely upgrade player firmware, without the need for technicians to operate on the player terminals.

Interactive display

The 3D multimedia interactive display solution adopts advanced multimedia interactive display system, and break through the traditional static display form, to achieve true three-dimensional, dynamic, real-time interactive display performance. Realize comprehensive control functions to the played contents, equipment and environment through many kinds of terminals including iPad, mobile phone, PC etc., with the help of signal acquisition and intelligent sensing control equipment.

Digital Signage

Application industry



Advertising & Marketing

Companies that use display technologies for their advertising and marketing can better attract consumer attention and improve brand engagement. Likewise, the exceptional image quality, high-resolution displays, and video walls allow retailers to showcase products in stunning clarity. Flexible displays and video walls offer unlimited potential for creative promotions and increase opportunities for corporate partnerships. With the agility of a digital solution, you can launch campaigns with the click of a button.

Information Messaging

The popularity of digital signage to deliver news, data, messages and other information is increasing. End-users now have a wide range of high-performance, versatile, and quality visual solutions. iSEMC solutions have built-in features allowing compatibility with emergency broadcast systems for communicating emergency information and transmitting alerts.



Artist

Digital signage has undergone considerable creative advancements, and now customers demand more scope to create specific signage projects. iSEMC solutions provide you with creative options for all sizes of projects.



Rental & Staging



Project brief introduction

iSEMC provides video display solutions for concerts, conferences, trade shows, rallies, and other events. Our video walls are dependable, easy to install, and will provide you with the stunning impact you require. iSEMC Rental and Staging solutions provide you the durability, efficiency, and serviceability you need for your event.

Features

01 Stunning Visuals

Your LED video walls need to provide stunning visuals all. High brightness levels and perfect pixel pitch help your content shine. We've included features such as ratcheting cabinet locks, anti-collision edges, and onboard corner protection to ensure your equipment keeps providing you with stunning visuals despite the rigors of installation and disassembly

02 Speedy Assembly and Disassembly

Quick setup and tearing down of your video wall without trouble is critical to meeting your event deadlines. Our systems are straightforward to assemble and simple for your stage-hands to understand. The components are lightweight and have many features that assist single-person assembly, including universal modules, two-sided connectors, easy-to-use angle blocks, and magnet-assisted frames and modules.

03 Built-In Protection

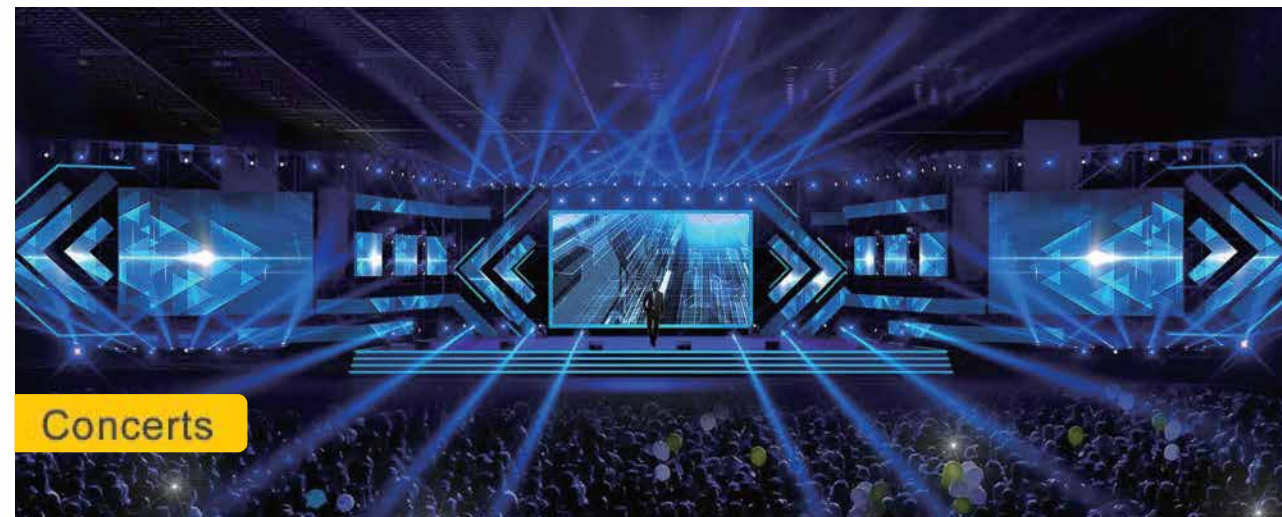
Creativity is crucial for providing your audience with breathtaking and high-quality broadcasts. Just as important is the visualization technology you use to bring that creativity to life. Excellent visualization is key to setting the scene for an incredible production.

04 Versatility

In live TV broadcasting, downtime is not an option. Our display solutions are designed with in-built power and video redundancy, meaning you get continuous operations 24/7, ensuring you have total reliability for your mission-critical broadcast applications.

Rental & Staging

Application



Concerts



Trade shows



Conferences



Conferences

Entertainment



Project brief introduction

Sporting events are at the vanguard of the largest and most exciting visual technology integrations. They are using this technology to generate an exhilarating atmosphere that electrifies the crowd and drives excitement. Using the best display technology, such as LED, is quickly becoming the accepted standard for sports fans as they get used to its spectacular imagery, immersive content, and live-action.

Harness the power of eye-catching visual solutions using LED technology. Engage with your audience, develop new opportunities, and generate revenue by providing high-quality and high-value sponsorship. Stunning visualization solutions are transforming the way people view and engage with sporting events, revolutionizing modern sports events and venues.

Applications

Dynamic LED scoreboards

The scoreboard is a focal point of any sporting event. It is crucial for informing and entertaining your audience. ISEMC provides a range of dynamic LED scoreboards, including center-hung installations and end-boards. Our solutions allow you to communicate real-time data, vivid replays, game statistics, live-action, and other visuals your fans have come to expect. Our scoreboards incorporate the latest LED technology in their design, providing incredible brightness and razor-sharp visuals. They offer the ideal platform for your sporting action, sponsorships, and promotions. These LED scoreboard displays are versatile and multi-functional, maximizing your opportunities for corporate partner integration, brand exposure, and fan engagement.



Entertainment

Outdoor Digital Billboard

You can extend your fans' experience by engaging with them before they enter the arena or venue. You can deploy outdoor digital billboards allowing you to greet, inform, excite, and engage fans as they transit from transport to the point they take their position in the venue. Our outdoor display solutions are made from durable construction, are ultra-bright, provide wide-angled views, and come in a range of pixel options depending on your viewing distance.



Concourse Digital Signage & Digital Displays

Stadium concourses are an ideal location for you to provide way-finding information to fans, particularly those attending your venue for the first time. Our commercial-grade digital displays also enable you to broadcast the event in concession or refreshment areas, ensuring your fans don't miss a single moment of action and leading to increased revenue from these areas. We have a wide range of LED and LCD visual displays to meet all your venue's needs.



Restaurants & Hotels

Enhance the appeal and interest of dining areas, lounges, and other entertainment spaces with a video wall as a canvas for stunning digital art. Video walls offer you a flexible medium, and you can quickly change formats depending on the information you want to communicate; inform, entertain, or educate.

Home Entertainment

Home entertainment is seeing a massive surge, particularly with restrictions due to the pandemic. Media rooms are multi-purpose and have the versatility to fit various uses, including movie nights, sports viewing, entertaining guests, gaming, and so on. Flexible video walls are an excellent solution for these areas, and they provide an exceptional viewing experience from all angles.

Museum



Project brief introduction

Achieve an incredible storytelling capability with a long-lasting impact. Museum audiences no longer have the passive nature they once had. Today, visitors desire to be immersed in the story. Modern planetariums and museums have become a physical extension of online culture, incorporating interactive digital experiences and impressive visual displays.

Description

Designed for Designers

Our digital signage products and video walls provide you with an eye-catching focus for any exhibit design. iSEMC's video wall and CR Pro Creative Controller can create the size you need.

01

Interactive Experiences

iSEMC's touch solutions are available in various sizes, ranging from small-format to enormous multitouch video walls. They'll help you create a truly interactive experience, engaging visitors in stories and exhibit information.

02

Exceptional Value

We produce our visual solutions with expense in mind, so we have made them as easy to install and maintain as possible, making them a cost-effective option. iSEMC products integrate easily with exhibit designs and custom fixtures from leading design firms.

03

Museum

Features

Visual display

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Interactive display

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Creative splicing

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Support live play

In the video area for information release, the television live play signal can be transmitted through coding devices of the digital television.



Information release

Release the real-time surrounding entertainment through the information release system, display and product information and corporate events, to provide customers with fast and convenient information.

Industrial grade equipment

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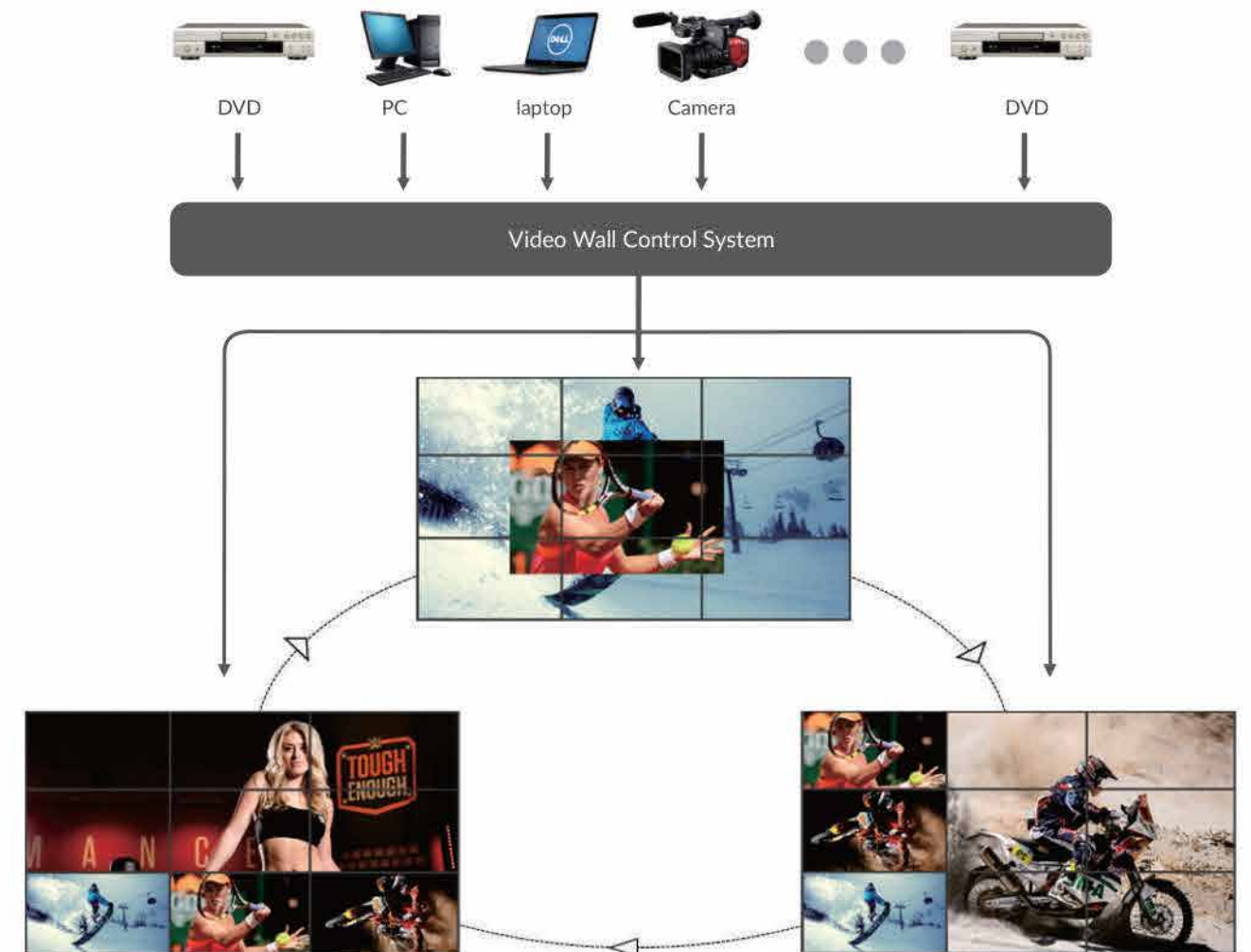
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Museum

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Creative and free combination

User management supports various users, such as super administrator, user administrator and operator. Different users can be assigned different permissions for managing subsystem and equipment control configuration, such as: image browsing, cloud mirror control, video and image playing, TV wall operation etc..



Intelligent control

Adopt the advanced control system; the peripheral devices around the video wall system may be controlled through the intelligence control system; it only needs clicking on the touching screen to realize fast switch of random signals and display of pre-set display modes; the linkage control can be realized with devices of the third party through the corresponding signals.

Network function

Support all existing IP network and network protocols, as well as provide guarantee for service quality. Real-time information release: rolling subtitles, pictures, video and other spots. Network update broadcast content, no need of manual change. Manage the play terminals in the centralized or distributed management modes via network, supporting hierarchic and partition management.

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Museum



Menu Boards



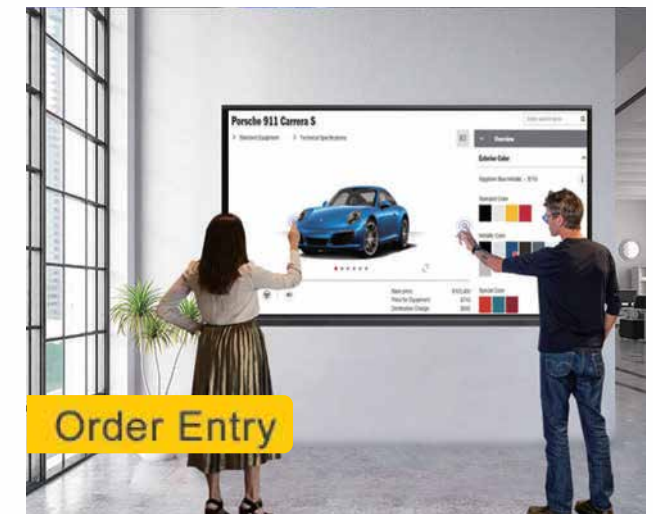
Big Screen Experience



Lobby or Foyer



Social & Mobile Experiences



Order Entry

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