SILEX

Innovation, *beyond imagination*

Smart Rooms

SILEX:
SMART INTERACTIVE ROOMS FOR AN ENHANCED CONFERENCING EXPERIENCE

WELCOME TO A NEW WORLD OF INTERACTIVE MEETING EXPERIENCE!

Transform your meeting room into an immersive collaborative meeting space
Control any device in the room from the embedded iPad Smart Control
Graphical preset controls, share control, automation and more
Connect Your Own Device (COYD) for seamless content sharing
Experience an enhanced eye contact in video calls
Upgrade your existing conference room for a better use of your VC system

At SILEX we believe that one size doesn't fit all and we believe that every customer has his own touch and own style and own signature

The next generation SILEX Smart Rooms take you beyond traditional telepresence and meetings experience to a new dimension of full control, connectivity, and content sharing. The Smart Rooms are live active systems that allow you to interact with your surrounding and share any kind of information from any device. No matter if you're using your PC, MAC, iPad, iPhone, Galaxy Tablet, or smart phone, SILEX natively connects your own device to start sharing

Enhance both local meetings and video conference calls, while enjoying the rich experience of full interactivity and maximizing your control, your impact and your productivity

Transform your meeting space and follow the latest trends with a unique touch of high-tech atmosphere

Smart ROOMS

Using the innovative CYOD Kit (Connect Your Own Device), any participant in the room can share his content from any tablet, smartphone, laptop (Windows and Mac), USB key or server in the cloud

CUSTOMIZED
Smart ROOMS

SILEX Smart Rooms convert your normal room into an elegant and modern smart room

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CUSTOMIZED
Smart ROOMS

With SILEX Smart Rooms, you can benefit from an unparalleled videoconferencing and meeting experience in a comfortable futuristic high-tech atmosphere, and an enhanced collaboration experience using personal motorized screens or embedded multi-touch surfaces for each participant

Transform your meeting space and follow the latest trends with a unique touch of high-tech atmosphere

CUSTOMIZED
Smart ROOMS

The Integration of the latest
videoconferencing technologies
within the futuristic design, allows
video calls from around the world

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CUSTOMIZED
Smart ROOMS

SILEX Smart Rooms are designed to maximize the collaboration and conferencing experience

CUSTOMIZED
Smart ROOMS

SILEX Smart Rooms were created to answer customers' needs in having a solution that would offer a unique user experience and a unique way of using the different video conferencing and meeting applications while maximizing interaction and collaboration

CUSTOMIZED
Smart ROOMS

An all-in-one solution of professional video collaboration where everything is built and customized around the user experience and comfort

CUSTOMIZED
Smart ROOMS

To acquire a SILEX solution is to attain a unique tailored High-tech and intelligent product in the way it is packaged and presented

CUSTOMIZED
Smart ROOMS

SILEX Smart Auditorium solutions are fully customizable and uniquely designed to fit any hall while including the best of breed technologies and the industry's new trends

SPECIAL
FEATURES
& BENEFITS

Silex Graphical control:
Touch & feel videoconferencing

Embedded iPad allows smart technologies to enter your meeting room & to enables interactivity and control features for a unique meeting and conferencing experience

The iPad based SILEX Graphical Control intelligence centre and intuitive graphical interface allow participants to forget about the technology and focus on meetings in an easily controlled and hassle free environment

Touch control your meetings in your smart room through your SILEX Graphical Control station & enjoy many features such as:

Content sharing
Your SILEX Graphical Control could be your source of content sharing in videoconference meetings or in regular meetings. No need to bring in Laptops, just simply access your files from the iPad on your network server or on the cloud and share them with a single touch of a button

Interactive Presentations
Using your iPad or iPhone or Android smartphone or Tab, you can share your content and presentations locally or remotely with a rich set of annotation features and touch controls

Connect Your Own Device (CYOD)
Allow your visitors to connect their own smart devices and share content using the innovative CYOD (Connect Your Own Device) kit. Your Smart Room is interoperable with iPhones, iPads, or any Miracast supported device such as Windows 8.1 and above laptops, Android smartphones and tablets. With a single touch, choose the input of your choice and share the relevant content anytime throughout your meeting

Graphical Touch Control
Take control of the room components with the SILEX Control graphical interface

By simply touching the relevant component on the SILEX image displayed on the iPad, you can trigger an associated action:
• Zoom in on a speaker by simply touching the relevant seat on the image
• Mute or un-mute the microphone
• Activate the motorized screens to lift them out of the table or to hide them in it
• Display the videoconference output or the content shared from a PC on the main display by tapping on the latter

Tap desired function position to activate function

Graphical Control

SPECIAL
FEATURES
& BENEFITS

Smart Up Your Meeting Room

Protect your previous Videoconferencing codec investments and upgrade your conference room to a SILEX Smart Room
Customize your room with a flexible choice of chairs and optional background colours or by adding your company logo

Make the best use of your actual meeting room for videoconferencing or for local meetings by using your main display screen locally for presentation sharing or for Videoconferencing

Room Automation Controls
With SILEX Control, you can add a magic touch to your room. Control any device in your meeting room and extend your comfort. Your Videoconferencing codec system, your embedded retractable presentation screens, your room lights, Air Conditioning and curtains are all at your fingertips

Better Eye Contact

Experience a better eye contact thanks to a smart repositioning of the main system display. Enhance eye contact and see facial expressions for more engaging meetings and better retention of information

Camera voice and facial tracking

The video tracking system cooperates with the audio discussion conference system to immediately display the speaker's image on the main display. It enhance the tracking of who's speaking regardless of the number of people in the room, and improve video recording which enables more effective meetings

With the video tracking system you can rapidly switch between several cameras and video signals. Whenever a microphone is activated the camera will zoom on the speaker's location to have a better view which is further enhanced to life size image mode with the best eye contact possible. While no microphones are active the camera will take a full view of the room

TECHNICAL SPECIFICATIONS

Professional PTZ Camera
- 1920 x 1080 pixels
- Automatic or manual focus, brightness, and white balance
- Starting 8x Optical zoom
- Starting 65° FOV

People Video Resolution
- 1080p, 60 fps
- 1080p, 30 fps
- 720p, 60 fps
- 720p, 30 fps

Content Video Resolution
- HD (1920 x 1080)
- WSXGA+ (1680 x 1050)
- SXGA (1280 x 1024)
- WXGA (1280 x 768)
- HD (1280 x720p)
- XGA (1024 x 768)
- SVGA (800 x 600)

Content Sharing Sources
- PC and MAC display content
- Local Network file content
- Cloud: Dropbox, Google documents...
- iPad, iPhone (Wirelessly using CYOD kit)
- Android devices (Wirelessly using CYOD kit)
- Windows 8.1 and above using Miracast (Wirelessly using CYOD kit)
- Any device with HDMI or VGA output

Audio Standards & Protocols
- Automatic noise reduction
- Echo cancellation
- Automatic Gain Control (AGC)
- Active lip synchronization
- AAC-LD
- G.722 & G.722.1
- G.711, G.728, G.729

Video Standards & Protocols
- H.264
- H.263+, H.263
- H.239

Interoperability
- Skype for Business and Lync Integration (Optional)
- Dual stack H.323/SIP

Other Features
- Intuitive Graphical User Interface from the iPad
- Multipoint & Recording Capabilities

Security
- AES Media Encryption (H.323, SIP)
- H.235 support
- Authenticated access to admin menus, web interface and telnet API

Options
- CYOD Kit
- Ceiling microphone
- Audio discussion system
- Camera Tracking
- MultiTouch interactive screen
- Professional Audio system
- Executive Style leather Chairs
- Advanced room control Kit
- Back panel wall / curtain
- Document camera / Visualizer (2D or 3D) (Education Rooms)
- Classroom Management system (Education Rooms)
- Multipoint license
- Connection box
- Additional iPad

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