



# A.JAY SERVICES<sup>Ltd</sup>

## audio Visual solutions

### CEO Lounge

#### Flagship Tele-presence and Video Conference Suite.

Tele-presence provides organisations with the ability to communicate in a high definition immersive environment. Our brief was to fit out the UK office, one of two identical suites, to enable a truly immersive environment on both sides of the Atlantic.

The technical brief included the need to integrate tele-presence with video and audio conferencing and required a hybrid system incorporating video conferencing and audio visual system.

An LCD screen was wall mounted to display laptop, resident PC, DVD, video and TV broadcast along with the tele-presence and video conferencing.

The audio required discreet positioning of the microphones and speakers to cover the seating arrangement. Table microphones were counter-sunk into the boardroom table and sound processed for the video and audio conferencing facilities.

The AV and VC equipment were housed in a dedicated rack and controlled using a Crestron touchpanel controller. The system was programmed to provide the user with a simple intuitive means to operate the complex system.



#### Equipment:

52" NEC Lcd SScreen

Unicol Adjustable wall mounting hardware

Tandberg C60 Telepresence/VC

AV HD Matrix

TV/SAT System

Table Mounted RF Shielded Microphones

Resident PC, Laptop Inputs

Crestron Interactive Control System

HD Blu-ray/Harddrive Video Recording System



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### Film Studio Suite

#### Flexible meeting space and film studio.

AJS were commissioned to design and install a lighting system for a green screen film studio with an integrated audio and lighting control unit housed in two 42" racks.

The room provided a particular challenge with the room being used as both a film studio and on occasions a meeting room.

To facilitate this the green screen can be removed and then the room rearranged around the data projector allowing for meeting presentations. Twenty ceiling lights and two uplighters were specified and installation to provide the correct lighting conditions for filming and broadcasting. Lighting dimmers, DMX control and audio mixing were also fitted into two dedicated 19" portable racks.



#### Equipment:

Development and Design  
Supply and Installation of Video, Lighting, Power and associated equipment.  
Tricaster - Portable Live  
Tricaster Live Control USB Switcher  
Broadcast/Production Software  
Sony HVR-Z5E HDV Camera  
12-2 Mackie Mixer  
Communication Headset  
Nec 1150 Projector  
Sennheiser Wired/Radio Microphone  
Manfrotto Accessory  
Optic Green High-Key Wall  
Selecon CYC Lighting  
Zero88 Dimmer Pack  
Zero88 Juggler 12/24 Lighting Desk  
Testing, Training & Commissioning





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### High security installation in the City

An unusual multi-media installation was recently completed in the City of London, led by A.Jay Services Ltd with Pro Audio Systems providing the audio infrastructure. The nature of the client's business as a major international investment bank demanded an exceptional level of security and discretion from its chosen suppliers. The demanding technical requirement was for a combined AV system capable of providing visual coverage and audible intelligibility throughout a very large room which the client (whose identity remains confidential) uses for presentations, recruitment open days, corporate events and product launches.

Designed and commissioned by Giuseppe Mallozzi of A.Jay Services, the entire integrated system is controlled centrally via two Crestron CNMX devices. The main video and audio components are two Barco iDR600 video walls and a compact MeyerSound system, comprising nine M1D mid-high packs and two M1D subwoofers. Audio control is provided by a Soundcraft Live 8 console driving a MeyerSound Galileo 616. An additional challenge to the installation team was the fact that the historic building has listed status and thus no changes could be made to its fabric. Consequently, a bespoke trussing system was designed and constructed, by Brian Lumb and his specialist construction team at Pro Audio Systems, which required no permanent fixings of any kind. It supports the weight of the flown loudspeakers in perfect safety, but can be removed leaving no trace in future, if required.

A spokesman for the client said: "Our international reputation is based on customer service, professionalism and discretion. We're delighted that we've been able to partner with suppliers who demonstrate those same principles in completing a challenging project to our total satisfaction."

### Equipment:

- Meyer Sound M1D Line Array
- -X9 M1D
- -X2 M1D Sub
- -X1 M1D Grid
- Galileo 616 Loudspeaker Management System
- Meyer Sound MappOnline Software
- Meyer Sound RMS Software
- RSS Roland S-1608 Digital Stage Box
- Soundcraft Live8 32 CH Mixer Board





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### Large scale Audio Visual Installation Project

#### 93 Screen Audio Visual Installation

AJS has been engaged by a leading finance institution to provide project management and installation services for a £1 million supply and installation project.

The project demonstrates AJ Services project management capabilities by supplying and installing 93 ceiling and wall mounted LCD screens with integration into the clients broadcast TV system. Installation covered four floors of a large modern office space that needed a flexible approach to accommodate our clients time scales.

The project was delivered on time, in budget to our clients satisfaction.

#### Equipment:

- Samsung 46" LCD X93
- Unicol Support Brackets X93
- single & double poles,
- single screen/back to back
- 4.4 meters Wharton World Clocks X9
- GMT - GPS Real Time Receiver
- Power - Localised & Single Distribution





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### New Hall School

### Henry VIII - Listed Building Installation - 1500 ad

A Jay Services Ltd recently addressed New Hall Chapel's challenges to spoken-word intelligibility with a distributed loudspeaker, column line array system.

"As with most cathedral-type spaces, the acoustics are wonderful for choir and pipe organ, but spoken-word intelligibility is problematic throughout most of the nave," said Giuseppe Mallozzi – A Jay's Acoustic Consultant and Sound Designer. "It's a beautiful space but an extreme challenge, acoustically speaking. They've tried a number of loud-speaker systems over the years, without success."

"Being a very long narrow room with hard, reflective surfaces everywhere, it's a tough room acoustically, but by taking advantage of a Renkus-Heinz's software, we were able to direct the acoustic energy where it's required and deliver high intelligibility, despite the fact that the system is so unobtrusive as to be almost invisible;".

"The client is very pleased with the results, which completely surpassed their expectations." One pair of cabinets cover the front and side wings, with two more pairs mounted further back and delayed. One 100V Line amplifier powers the system.

"As you might imagine, aesthetics was a prime consideration in designing the system," "The church had not been happy with the look or the performance of their previous system, and they were really impressed with the way the speakers virtually disappeared into the Chapel". Of course, equally important was system performance, and we delivered.

"The high bandwidth and vertical coverage of the sound systems really focuses the sound," "Intelligibility is extremely high. Any row you're sitting in, sounds as if you're no more than two rows from the Priest or the lectern microphone, and you hear very little echo from the room itself. The sound quality and performance really exceeded our expectations"



#### Equipment:

Proel CO40HQ Column Line Array X6  
Proel Xenia X80TW X2  
Proel ASP48 – Microphone Distribution  
Proel AUP4150 - Power Amplifier

Sennheiser Radio Microphones  
Digital Signal Processing Rack  
Acoustical Calculations  
Motorised 50" LCD Screen X4  
36" LCD Screen X2

Crestron QMRMC Based Control System



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### Stockbrok Manor Country Club

A Jay Services Multimedia & Events was commissioned to organise, manage and deliver a prestigious mock Award Event for Stockbrok Manor Golf Country Club, to launch the new Event & Conferencing Department, provide networking opportunities and offer a sounding board for future events. The event was structured around a substantial use of staging and HD rear-projection technology, with the addition of two HD Plasma screens relaying live feeds from the Golf Course.

Using a comprehensive guest list supplied by Stockbrok Manor, we liaised with various business groups from local government, industry, and numerous trade associations in order to generate the necessary marketing numbers.

The evening was thoroughly enjoyed by all whom attended, the evening proved to be an excellent way of building our client's relationships with their key supporters.



#### Equipment:

FBT Point Source Sound System, 6 Full Range, 2 SubWoofers  
Sennheiser Radio microphones  
Audio Processing Racks  
60", 50" and 42" Plasma Screens X4  
Laptop & Desktop computers  
Media Server  
Truss & Rigging  
Martin, Robe & Avolites Lighting, 16 PAR64led  
Installation of Stage flats  
Crew - Rig & Derig  
4 Technical Crew on Show day