

AV INSTALLATIONS: GLIMPSES



Clarity Consulting Sparks Pragati Maidan/ITPO

Clarity Consulting successfully completes the installation in Pragati Maidan, New Delhi as it opened the doors for visitors on 26th July 2023 by Prime Minister Narendra Modi.

July 26, 2023, was a big day with the PM Narendra Modi opening Pragati Maidan/ITPO, the venue for the 2023 G20 Meeting. Clarity Consulting have provided Acoustics, AV, ICT, and Lighting Design consultancy for the complete project. The venue has a 3000 seat Plenary Hall, 4000 seat Multi-Purpose Hall (which joins with the Plenary Hall to make a 7000 seat venue),

3000 Seat Amphitheatre, 900 and 600 Seat Auditoriums, 100 Seat PM Conference Room, 2 x 50 Seat Conference Rooms, VIP Lounges, Leader Lounge, G2 Meeting Hall, 30 other meeting rooms of various sizes, State Banquet Lawn as well 30,00,000 sq ft of Exhibition Halls.

Kelvin Ashby King, Principal Consultant, Clarity Consulting comments on the installation provided by the team saying, "With more than 6 years of efforts from the complete team, we congratulate India on getting a "world class" Convention and Exhibition Centre."



Barco's Projection For The Statute of Belief

Miraj Group operates across industry verticals and caters to millions of customers in India. One of its most notable endeavours is the Vishwas Swaroopam project, which features the Statue of Belief - the fifth-tallest statue in the world at a towering height of 369ft. This expansive project covers a sprawling 16-acre area and includes an interior exhibition hall and public viewing galleries. Visitors can also enjoy a range of amenities surrounding the statue, including three herbal gardens, a water body, musical fountains, landscaped gardens, an Amphitheatre, a food court, handicraft shops, and a children's amusement park.

The highlight of the project, however, is the projection mapping show, which required meticulous mapping and handling of 24 channels of high-resolution 4K content. The expansive and varied contours of the statue presented various challenges, from multiple shadow areas with a folded leg to the bronze colour of the statue. Furthermore, the lens too needed to be placed at a great distance of approximately 250 meters. To make this first-of-its-kind installation a success, the client and their partners collaborated with Barco for better colour and contrast, brightness, after-sales support, an offer of on-site spares, and more.

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TrueConf's Solutions Support Indian Police Departments

The Indian Police Force is one of the largest in the world and employs almost 2 million personnel. The state police play a crucial role in maintaining peace and security, preventing

and detecting crimes, investigating cases, protecting individuals and properties in a country with one of the strongest economies in the world.

Under the modernization

initiative of the government, the organization decided to facilitate the personnel training of all its cadres and create a large-scale and securely protected video conferencing infrastructure to speed up decision-making processes in its divisions. The video collaboration system should also help to reduce the number of local meetings, business trips, and negotiations. By utilizing this technology, the police departments aimed to overcome the challenges posed by traditional in-person training methods, such as logistics, cost, and time

constraints.

The integration of TrueConf on-premises video collaboration platform was motivated by its exceptional security, resilience against network outages, and ability to operate autonomously. TrueConf Server runs on a secure communication protocol and is deployed on the police servers, giving the police full control over their communications and data and technological independence from blocks or restrictions from the side of other providers and IT companies.

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Tricolor India Schauspiel Delivers Pioneering Audiovisual Upgrade

Tricolor India Schauspiel was handed over the responsibility to install modern, sophisticated, and hassle-free audiovisual equipment at the venue, Tricolor India Schauspiel, and deliver breathtaking immersive viewing experience to the visitors.

Himanshu Singh Sabharwal, Chief Creative Officer, shared with AV-ICN how Tricolor India Schauspiel was approached for the Cellular Jail Project, "The Andaman and Nicobar State Government was seeking a turnkey solution which included artistic, and hardware works which included all related E&M works as well as the successful installation and handing over of an upgraded show." He added, "With regards to this site, a strategy was created to utilize the given infrastructure for the most feasible solution. Existing old audiovisual equipment was to be enhanced and new technology had to be incorporated. A detailed site survey was done

to identify the possible cable routes, placement of major hardware, features offered by the site which can be incorporated in the show to add more dynamics to the overall experience."

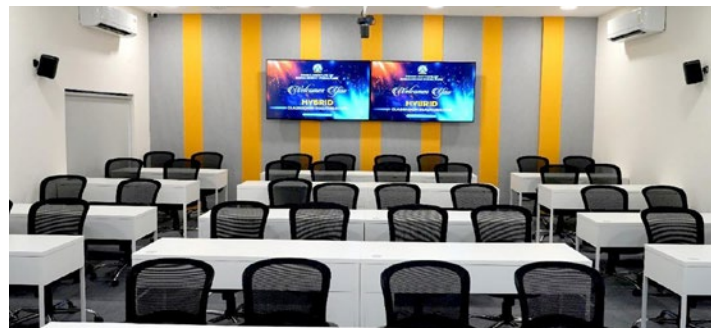
The decision regarding which audiovisual equipment needed to be installed at the Cellular Jail relied heavily on the site's infrastructure. **Garima Mishra**, Managing Director, while enlisting the audiovisual inventory for the Cellular Jail, commented, "The audiovisual equipment was planned according to the detailed recce. Placements and strategy for major hardware was created, which not only involved the existing structure but also additional fabrication on site to enhance the visitor experience. Also to add more dynamism and seamlessness to the show, we offered 'holographic projection' on the ground, thus creating multiple layers of projection surfaces to enhance the viewing experience of the visitor."



Rhino Engineers Evokes The Glory of Rajwada Palace and Gandhi Hall

Fondly known as the Holkar Palace, as a tribute to the builders of the icon of royalty in Indore, the **Rajwada Palace** is an ode to the artistic intel-

ligentsia of the Holkar dynasty, an embodiment of the dynasty's love and wisdom of their history, heritage, and culture. On the other hand, the **Mahatma**



EYTE Technologies Pvt Ltd Brings AV Hybrid Classroom for Indra Group

Indra Group of Institutes Management College is a leading educational institution in Pune, India. The college has always been committed to providing the best learning experience for its students. To stay ahead of the curve and adapt to the changing educational environment due to the pandemic, the college decided to create a hybrid classroom that would allow for both in-person and online learning. To achieve this, they hired **EYTE Technologies Pvt Ltd**, one of the leading AV integration companies in India, to design and install the necessary AV technology.

EYTE Technologies designed and installed a cutting-edge AV system that met all the college's requirements. The system included a Samsung professional display, Newline interactive display, Logitech Rally Teams MTR setup, QSC speaker system, and a dual display setup for the lecturer. The Samsung professional display used in the classroom is a 55" 4K UHD Professional LED

Display, which is ideal for delivering high-quality visuals in a variety of lighting conditions. Newline 86" 4K UHD Interactive Professional LED Display is also equipped with a touch-sensitive panel, which allows for interactive learning experiences. The Logitech Rally Teams MTR setup is a state-of-the-art video conferencing system that provides crystal-clear audio and video. The system includes a Logitech Rally camera, a microphone, and a speaker that work together to deliver a seamless video conferencing experience. The system also supports multiple conferencing platforms, making it highly versatile. The QSC speaker system used in the classroom is a premium sound system that delivers high-quality audio for lectures, presentations, and video conferencing. The system includes QSC K10.2 powered loudspeakers, a QSC KSub powered subwoofer, and a QSC TouchMix-16 digital mixer, which work together to deliver a powerful and immersive audio experience.

Gandhi Town Hall in Indore is a towering structure constructed in an Indo-Gothic style. The front façade of the Town Hall also functions as a Clock Tower, and the Central Hall of the building is massive enough to accommodate upto 2000 people, which serves as an exhibition venue for several Indian trades and arts.

The **Indore Smart City Development Limited (ISCDL)**, a civic body focused on redeveloping the city as a Smart City, aimed at increasing the tourist

footfall at the above-mentioned historic destinations. AV consultant **Rhino Engineers** and AV integrator **Dhara Electricals** were tasked by the ISCDL to adorn the structures with intelligent, dynamic lighting and increase its appeal in the realm of Indian tourism. Moreover, the inventory for intelligent lighting installed at Rajwada Palace and Mahatma Gandhi Town Hall included entirety of **Signify India** (previously known as **Philips Lighting**).

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Narendra Naidu, Chairman and Managing Director, Rhino Engineers, explains the significance and the impact the right lighting has on any venue. He comments, "The lighting concept for the Rajwada Palace needed to be illuminated with attractive and vibrant lights which have been developed with a glimmering array of installations, figures, and optical illusions. For the Mahatma Gandhi

Town Hall, Rhino Engineers was tasked with decking the venue with warm white colour. He shares, "Lighting is an integral contribution in any architectural and façade/landscape environment design. Lighting is essentially a nocturnal makeup that can be used to bring attention to the façade of interest and turn potential eyesores into works of art. Lighting can create a unique and memorable experience.

Well-planned lighting can connect places and stimulate night tourism."

Monday to Friday: To illuminate all the floors (from ground floor to the 7th floor) of the Rajwada Palace in simple warm white colour, followed by a full facade illumination for 5 minutes.

On days of national importance: To illuminate the Rajwada Palace with the colours of the Indian Flag.

On Saturdays and Sundays: To illuminate the façade of the Rajwada Palace with vivid colours and patterns, changing every 5 minutes.

The inventory for intelligent lighting installed at Rajwada Palace and Mahatma Gandhi Town Hall included entirely of Signify India (previously known as Philips Lighting). However, numerous products from the brand were used to complete the lighting installation.