



*Integrated AV Solutions
for your business*

AN INTRODUCTION

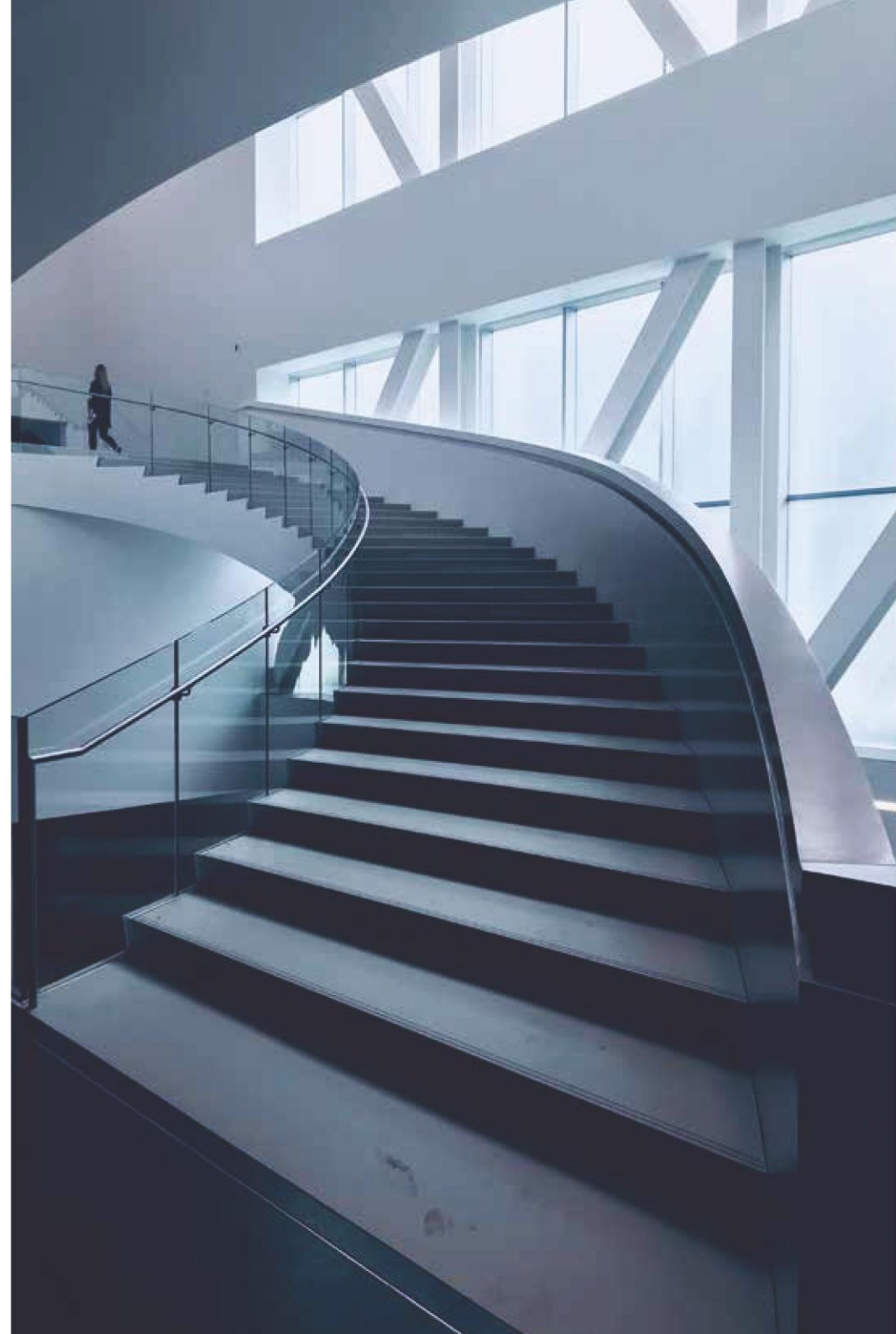
Today's business world is a rapidly changing landscape where clear, efficient communication is the key to success. With teams often spread across multiple locations, the need for simple standards-based, reliable audio-visual tools is more vital than ever. That's where Plus Business Machines Ltd. (PBML) steps in. We are your trusted ally in the AV industry, providing innovative solutions that enable seamless, collaboration business.

The modern workplace is increasingly digital and remote, highlighting the importance of Video Collaboration Systems. These digital platforms enable individuals anywhere in the world to communicate, share, & interact with video content in real-time. Over 50% of all businesses rely on these systems for improved communication. PBML is leading this revolution, empowering businesses to connect and thrive in this new era of work. We're enabling companies to collaborate via video on a variety of widely-used digital meeting platforms.

PBML is the leading system integrator of AV products, delivering comprehensive solutions that exceed traditional expectations. Our versatile portfolio extends beyond the top of the line Video Collaboration Systems, incorporating Audio Systems, Display Solutions, Digital Signage, & more. These are designed to cater to a wide array of environments, from cozy meeting rooms to large auditoriums or even more informal town hall setups.

For over 28 years, we've been growing our network across India. At the heart of this success is our committed team, who are not just focused, but also service-driven. They're the reason we're known for our top-notch customer service.

Join hands with PBML & let's reshape the future of communication together.



OUR APPROACH

Elevating your AV integration experience through our innovative technologies.



NEED ANALYSIS

- Consultations with users/ technology team
- Site inspection/ study of drawings
- Find out existing technologies used
- Understand vision for long term technologies

CONCEPTUALIZE

- Submission of BOM per design
- Present solution drawings
- Explain & take feedback
- Optimize to match the final expectations

INTEGRATION

- Coordinate with site teams & architects
- Stagewise cabling, installation, testing & programming
- Training to users
- Handover with final documentations



DESIGN

- Identify distinctive areas for AV
- Prepare a summary of applications
- Identify best technologies to be suggested
- Design user-friendly AV solution

SUPPLY & PLANNING

- Discuss & finalize purchase order
- Process back ordering
- Provide delivery schedule
- Submit implementation plan & drawings

SUPPORT SERVICES

- Operational support post installations
- Warranty services
- AMC services post warranty
- On-site engineer services



VIDEO COLLABORATION SYSTEMS

Video Collaboration Systems facilitate connectivity from meeting spaces to individual working areas or home offices on digital platforms like Microsoft Teams, Zoom & Google Meet that allow multiple individuals to communicate, share & interact with video content in real time, regardless of their location. These systems ensure seamless communication, drive productivity & nurture innovation. The right choice of this VC hardware can transform the way you communicate & build a future where geographical boundaries fade & collaboration is just a click away.



BUNDLED SOLUTIONS:

Our Bundled Solutions simplify your technology needs by removing the guesswork & delivering a cohesive, high-performing solution. These bundles ensure compatibility, streamline installation & provide a unified one-touch joining experience on video calls through one of the chosen platforms like Microsoft Teams, Zoom, Google Meet, etc. It is perfect for companies looking for standardisation of a hassle-free, all-in-one solution for their collaboration needs.

- Video bundles with NUC PC, camera, speaker, microphones & touch panel for small, medium & large rooms
- Touch panel with one-touch joining interface for one of chosen application like Microsoft Teams, Zoom, Google Meet, etc.
- Third party audio system & camera integration for very large spaces
- BYOD mode will bypass NUC PC to allow any laptop to use room camera & audio system to make/ receive calls from platforms other than standard platform used by organisation
- Use same touch panel to control other devices in the room

BYOD ROOMS:

Equipped to integrate seamlessly with any device, our Bring Your Own Device (BYOD) Rooms elevate your meeting experience, ensuring effortless connectivity & collaboration. It is ideal for businesses seeking flexibility & ease of use in their collaborative environments.

- All in one soundbars with built-in camera, microphone & speaker for small to moderate size rooms
- Separate USB camera & speakerphone solutions for custom installations
- PTZ USB camera with external audio systems for large spaces
- Offers flexibility to make calls from any platform like Microsoft Teams, Zoom, Google Meet, etc. by simply connecting a single USB cable to a laptop
- Camera options with speaker/ group framing or speaker tracking





DISPLAY SOLUTIONS

Display Solutions include technologies & devices that visually present information or multimedia content for meetings, conferences & presentations. With these visualization tools, you can captivate your audience, engage with them & elevate your communication standards. We strive to give you the tools to make your message echo visually for everyone.

PROFESSIONAL DISPLAYS:

Our Professional Displays bring your presentations to life with unparalleled clarity & colour accuracy, ensuring your message is not just heard but visually experienced.

- LED displays with sizes from 32" to 110"
- Brightness options to suit indoor, semi-outdoor & outdoor uses
- Suitable from small meeting rooms to large conference rooms, signage applications etc.

INTERACTIVE DISPLAYS:

Encouraging dynamic collaboration & idea-sharing, our Interactive Displays foster a hands-on experience, transforming passive observers into active participants.

- Interactive display sizes from 43" to 98"
- Touch displays allow annotation, whiteboarding, controls for presentations on display
- Suitable for trainings & collaborative spaces

VIDEO WALLS:

Our immersive Video Walls are ideal for venues where impact is the key. These displays offer a seamless, large-scale viewing experience that leaves a lasting impression.

- Narrow bezel video wall displays in 49" & 55"
- Build large video walls with multiple narrow bezel displays
- Suitable for large venues, lobbies, control rooms etc.
- Supports 24X7 usage applications
- Create asymmetric structures with the help of video wall processors



ACTIVE LEDS:

Our energy-efficient Active LEDs offer exceptional brightness, crisp visuals & a modern aesthetic, making them ideal for businesses that value sustainability without compromising visual quality.

- Build seamless large displays of any size with no gaps
- Multiple pixel sizes to suit various viewing distances
- High brightness options for indoor & outdoor applications
- Support 24X7 usage applications

PROJECTORS:

With easy setup & intuitive controls, our projectors are a convenient solution for anyone needing to present on a large scale.

- Wide range of projectors with low to high brightness options
- Interactive projectors for collaborative applications
- Suitable for small rooms to large venues for meetings, trainings & educational requirements



AUDIO SOLUTIONS

Designed to capture, manage, transmit & reproduce sound for various applications, our Audio Solutions redefine the industry standard. They help you immerse your stakeholders in a sound experience that communicates your message with clarity & engages them on a deeper level.

While premium Microphones ensure your voice is captured with pristine clarity from every corner of the room, Digital Signal Processors (DSPs) provide flexibility in shaping & managing voices for an auditory experience that truly resonates. Finally, the right choice of speaker system combined with power amplifiers deliver unparalleled audio fidelity across all frequencies, filling every space with rich & enveloping sound.

- Choice of microphones from collar, hand-held, head-worn for flexible usage & table or ceiling microphones for fixed installs
- Wired & wireless versions to choose in most types of microphones except ceiling.
- DSPs offer acoustic echo cancellation (AEC) for multiple microphone inputs in audio/video calls & integrates USB audio in Microsoft Teams, Zoom, Google Meet calls
- Speaker for every area with options from ceiling, wall, in-wall, pendant, line array & portable ranges supported by appropriate amplifiers
- Design spaces for PA, background music, conference rooms, training halls, auditoriums, town halls etc.

SPEAKERS

MICROPHONES





WIRELESS VIDEO COLLABORATION

Our Wireless Video Collaboration solutions are the gateway to limitless collaboration, freed from the constraints of wires & complex setups. Through this solution, we help you create a workspace where every meeting is a step towards success.

These compact, powerful tools facilitate wireless video conferencing with remarkable clarity & stability which are ideal for every size of meeting rooms.

- These devices avoid the hassle of connecting laptops to displays through wires for presentations or video calls
- Very useful when multiple users are likely to connect during meetings
- Gives clean look to the table with no wires seen during meetings
- Capable of connecting external camera & audio systems wirelessly to laptop for video calls such as Microsoft Teams, Zoom, Google Meet, etc.
- Helps access laptops wirelessly on touch displays for collaborative meetings



SWITCHING, WALL CONTROLLERS & INTERFACES

Switchers & Controllers lay the pathway to a streamlined, optimized & impactful audio-visual experience. They are built to efficiently manage, control & switch between various input & output interfaces, facilitating a smooth, hassle-free & powerful audio-visual experience. With fast changing technologies, interfaces such as USB, USB C, AVOIP are a must to keep your meeting spaces ready to work with newer AV devices.

HYBRID USB SWITCHING:

These tools allow seamless transitioning between devices & platforms, enhancing connectivity & reducing setup time. These are ideal for businesses seeking a user-friendly, effective solution for video collaboration.

- Provide HDMI, USB C & USB A inputs with peripheral USB ports
- Makes peripheral USB cameras, microphones, displays etc. quickly available on HDMI or USB C PC's with auto switching

MULTI-FORMAT SWITCHERS:

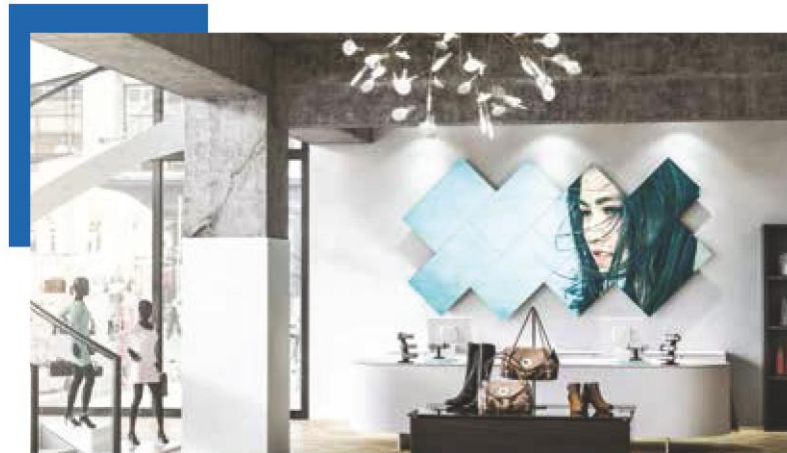
Known for reliability & precision, our switching solutions are designed for consistent, high-quality transitions & are perfect for setups where stability & ease of use is a priority.

- Available in either HDMI, DVI, display Port, USB C format or hybrid combinations
- Multiple input auto-switchers, scaling switchers, matrix switchers for small to large spaces
- Multiple inputs to multiple outputs with extenders for longer distances

AV OVER IP:

They provide flexible management of audio-video content over your network, providing superior quality & minimizing latency. These are the go-to options for businesses requiring high-performance, flexible delivery of AV content.

- Allows to carry AV signals across any place on simple Cat 6 cables via existing network
- Reduces complex cabling & connects several input outputs on regular network switches
- Carries video, audio, USB & control signals
- Set up is never down with isolated connectivity for every input/ output



VIDEO WALL CONTROLLERS:

Video Wall Controllers: Our Video Wall Controller solutions create stunning visual experiences & enable you to manage & control multi-screen setups effortlessly. These are perfect for businesses seeking to make a memorable impact with their displays.

- Allows to display multiple images in various sizes on single or multi-inputs video walls
- Ideal for control & monitoring applications with flexibility to adjust sizes of the windows displayed on screen
- Suitable for 24X7 mission critical applications



BUILDING MANAGEMENT SOLUTIONS

Our Building Management Solutions create an efficient, streamlined & communicative workspace. They help you simplify your daily operations with effortless precision, enhancing productivity & engagement.

D DIGITAL SIGNAGE

This solution transforms your static/ video messages into dynamic, captivating visuals, ensuring your announcements & information stand out.

- Displays desired messages across displays in multiple floors/ paces via network
- Use Tiny media player on the network with every display to show video content
- Centrally managed server software allows to schedule content the way you want to display it

R ROOM SCHEDULER

This solution simplifies your space management by providing real-time updates on room availability, booking ease & efficient utilization of spaces.

- Touch display mounts outside every room displaying room availability status
- Comes with light options which helps identify room availability from distance with red/ green light
- Allows you to book a room from your desk from laptop, mobile device or on the spot from the room scheduler
- Calendar integration makes sure that every meeting or video call scheduled in the room is displayed on the panel

W WAYFINDER SOLUTIONS

This interactive kiosk-based solution helps guests to reach their desired destination with an interactive way-finding map of the entire building.

- Uses large interactive display with stand at the entrance of big spaces
- Helps in navigating spaces with clearly identifiable patterns/ colors for each location with well-structured paths
- These kiosks also help in displaying information, put advertisements & also can have the directory information for a building



ROOM AUTOMATION

Our Room Automation solutions are designed to create smarter, more efficient & more user-friendly environments. With these, we help you build a workplace where your rooms adapt to your needs with a simple touch.

LIGHTING CONTROLLERS:

These intuitive systems illuminate your space with precision and allow you to adjust lighting levels with ease, enhancing comfort & reducing energy consumption.

- These controllers allow you to set light levels suitable for every application in the room
- Integrates well with the room automation panel
- Use keypads as additional control points

TOUCH CONTROLLERS:

Designed for simplicity, these interactive panels let you experience effortless control & put command of your room's AV setup at your fingertips. New age touch panels available with video collaboration systems also double up as touch panels for AV rooms.

- Multiple touch panel choices from AV OEMs, I-PADs or video system touch interface
- Provide one touch interface for various functionalities in meeting spaces
- Eliminates use of individual controls for every device

CONTROL SYSTEMS:

These sophisticated systems integrate various room elements, from AV equipment to lighting and temperature, into a unified, easily managed setup, helping you gain complete control over your environment.

- Available in multiple versions to meet control requirements from small to large spaces
- Work with third party touch panels like I-PADs or video system touch controllers
- Optimize inventory with capabilities to control multiple rooms from a single device in large spaces





CUSTOMER SUPPORT & MAINTENANCE

In a world where seamless communication is key, audio-visual systems, video collaboration, & environmental control systems play a crucial role. These tools are essential for fostering engaging & effective interactions in the modern business world.

At ©Plus Business Machines Ltd. (PBML), we offer a range of customer support & maintenance services, meticulously crafted to keep your AV infrastructure at its best.

PROJECT IMPLEMENTATION:

We believe it's more than just setting up a system; it's about designing a solution tailored to your specific needs. We collaborate with you from the project's inception, ensuring every project implementation step is planned out with attention & precision to deliver a unique user experience.

POST SALES SUPPORT:

Our commitment to your business doesn't stop after a sale. We are known to provide the best post-sales support service with the help of our experienced team. From minor operational issues to hardware challenges, our team is always there for you.

ANNUAL MAINTENANCE SERVICES:

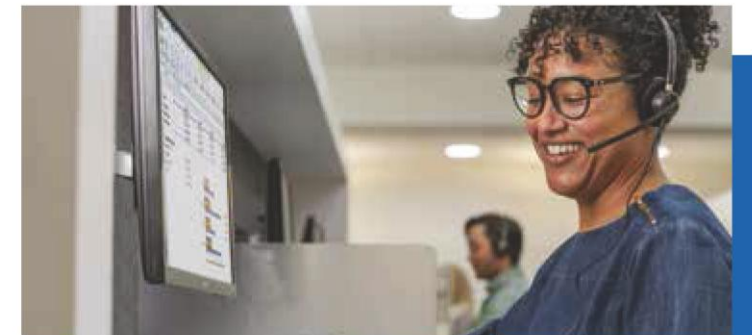
We believe that each business has distinct support needs. Our customised AMC package offers consistent periodic maintenance for your systems with regular checks and timely updates, guaranteeing a smooth, trouble-free experience.

ONSITE ENGINEERS – FACILITY MANAGEMENT SERVICES:

Our support extends beyond remote or on call visit. We understand the importance of immediate, hands-on solutions, & our facility management services provide deployment of onsite engineers for in-house troubleshooting & problem-solving for large premises.

Recognized as the 'Best Support Crew' in India, PBML takes pride in being your reliable partner. Our service centres across India are equipped with standby devices, spares, & consumables, promising a quick repair & replacement service.

PBML isn't just an AV solution & service provider; we're your strategic ally, dedicated to enhancing your communication & collaboration capabilities. Allow us to redefine your meeting room experience while you focus on your business productivity.



CLIENTELE

Large Conglomerates				
Pharmaceuticals				
Automotives				
Banking & Finance				
Information Technology				
Government & Public Sector Undertakings				
Realty & Infrastructure				
Consultancy & Analytics				
Business Services				
Manufacturing Units				
Hospitality				
Education				



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