



FREDON
TECHNOLOGY
A MICROSOFT PARTNER



**MICROSOFT TEAMS
MEETING ROOMS**



FREDON GROUP

Established in 1968

1400+ Employees

>\$700M revenue

Privately owned

Tier One

KEY SECTORS

Commercial

Education

Government

Health / Aged Care

Infrastructure

Entertainment

Defence & Justice

Industrial

DIVISIONS

Electrical

HVAC

Security

Technology

Asset Services

Mining & Industrial

Infrastructure

FREDON



BUSINESS UNITS



CONSTRUCTION

Quality Assured Construction



CLIENT SERVICES

Direct To Client Services For
The Long Term



MAINTENANCE

24 Hour Service Confidence

ROAD MAPPING USER EXPERIENCE FOR CONFERENCE AND MEETINGS

A considered user experience framework to ensure meeting spaces and technologies unite with the client's user experience strategies.

Transform meeting spaces ranging from small huddle areas to large conference rooms with a rich, collaborative Teams experience that's simple to use, deploy, and manage. Start meetings on time with one-touch join, then instantly project to the display in the room and share to remote participants.



CHALLENGES

Corporate and Government clients require integrated meeting room environments with the appropriate peripherals and equipment that is not only team certified, but will also provide the required functional outcomes.

IDEAL SOLUTION

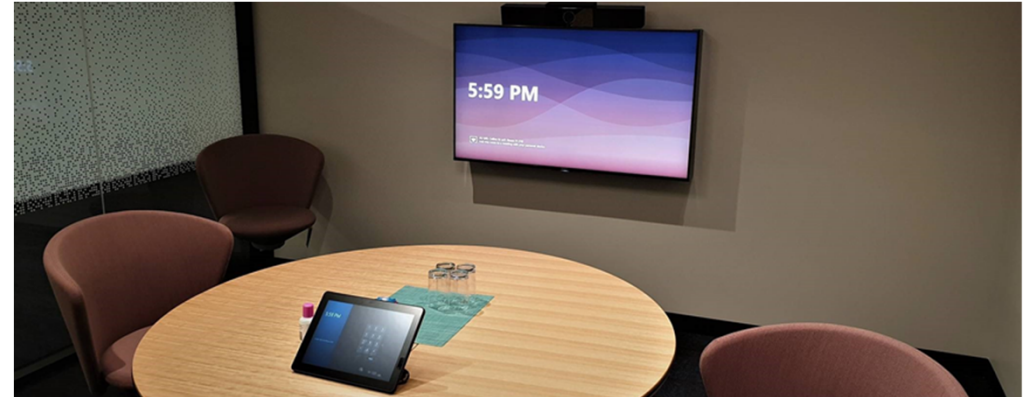
Carefully selected peripheral AV equipment married with a Teams platform that incorporates special environment considerations such as room size, acoustics and functionality requirements.

DESIRED OUTCOMES

Quality end user experience in a Teams meeting environment where the quality of audio and video is unnoticed. Simplicity in design, ease of use and seamless collaboration.

FREDON TECHNOLOGY MICROSOFT TEAMS ROOMS

Fredon Technology provides organization's with tools for remote teams to develop ideas together. We approach each project by road-mapping user experience for conferences and meetings, uniting the client's user experience strategies with the best technologies.



INTEGRATION WITH BUILDING SYSTEMS

Security, Lighting & Blinds Control, Fire, Vertical
Transport & Mechanical Services

Design guidance on how to deploy effective and
easy to use meeting rooms to integrate
seamlessly with client's systems and building
services

INTEGRATION WITH CLIENT'S SYSTEMS

Calendaring, Wayfinding / Room Booking,
Corporate Communications

Advice & Guidance on the use of Cameras,
Microphones, Speakers and associated switching
and processing systems

SPACE PLANNING & ROOM DESIGN, SPACE UTILISATION

Subject Matter advice and guidance on effective
strategies for room types, technology enablement
as well as finishes and acoustics to ensure
effective conference rooms



SMALL MICROSOFT TEAMS MEETING ROOMS

Walk into a small meeting room, huddle space or small collaborative area and with one touch of the panel control join the meeting.

The camera, microphone and speaker components of the AV systems will be combining with the Microsoft Teams conferencing software

A Wireless presentation will feature native support for Windows Operating System allows users to connect by Windows "Connect to Wireless Display" feature. Other Apple iOS (iPhone, iPad) and Android BYOD mobile devices may present wirelessly.

Laptops and other BYOD devices may present via the wired HDMI input. The HDMI fly lead will present at the desk table box



ROOM DESIGN

- D-Shape table / round table to suit
- Room Size approx. 15m²

TECHNOLOGY & INTEGRATION

- Touch panel control
- Flat panel interactive or no interactive display to suit room size
- Wall plate or table box presented with a HDMI connection
- Room PC (Client provided) with Unified Communication software to perform the video conferencing function
- Camera
- Microphone
- Wireless Keyboard and Mouse
- Wireless Presenter
- Unified comms soundbar
- Hearing Augmentation
- Touch Panel and Room Sensor



MEDIUM MICROSOFT TEAMS MEETING ROOMS

Breakout areas and medium size meeting spaces

The camera, microphone and speaker components of the AV systems will be combining with the Microsoft Teams conferencing software

A Wireless presentation will feature native support for Windows Operating System allows users to connect by Windows “Connect to Wireless Display” feature. Other Apple iOS (iPhone, iPad) and Android BYOD mobile devices may present wirelessly.

Laptops and other BYOD devices may present via the wired HDMI input. The HDMI fly lead will present at the desk table box.

ROOM DESIGN

- D-Shape table against the wall or round table to suit
- 6- 8 Person: Rooms size 5 x 3m approx.
- 10-12 Person: Rooms size 6.5 x 4m approx.



TECHNOLOGY & INTEGRATION

- Single or Dual Flat panel display to suit room size
- Wall plate or table box presented with a HDMI connection
- Room PC with Unified Communication software to perform the video conferencing function
- Camera
- Microphone
- Wireless Keyboard and Mouse
- Wireless Presenter
- Unified comms soundbar
- Hearing Augmentation
- Touch Panel and Room Sensor
- Outside the room, an interactive room booking panel will be wall mounted. It will be compatible with Microsoft Exchange, Google Calendar, or whichever calendar system is deployed. The panel will indicate current room booking status via a simple Red / Green colour indication.



LARGE MICROSOFT TEAMS MEETING ROOMS

Typically boardrooms, conference spaces, collaboration and large meeting rooms.

The camera, microphone and speaker components of the AV systems will be combining with the Microsoft Teams conferencing software

A Wireless presentation will feature native support for Windows Operating System allows users to connect by Windows "Connect to Wireless Display" feature. Other Apple iOS (iPhone, iPad) and Android BYOD mobile devices may present wirelessly.

Laptops and other BYOD devices may present via the wired HDMI input. The HDMI fly lead will present at the desk table box.

ROOM DESIGN

- Boardroom with large Long or U shape table
- Conference room
- Rooms size: 7.5 x 4.2m approx



TECHNOLOGY & INTEGRATION

- Single or Dual Flat panel display and or projection system to suit room size
- Wall plate or table box presented with a HDMI connection
- Room PC (Client provided) with Unified Communication software to perform the video conferencing function
- Camera
- Ceiling Microphone
- Wireless Keyboard and Mouse
- Wireless Presenter
- Ceiling Speakers
- Hearing Augmentation
- Touch Panel and Room Sensor

BUILDING INTEGRATION

Many building systems require consideration when interfacing with the audio-visual systems .

Other building technologies may rely on the AV to either pass occupancy or require some interfacing with the audio-visual systems to operate correctly.



ROOM BOOKING SYSTEMS

Outside the room, an interactive booking panel which is compatible with Microsoft Exchange, Google Calendar or your preferred calendar system, is mounted to the wall.

A daily schedule is displayed on the panel to show current and upcoming meetings with a red/green colouring system which indicates current room availability status. Details of the room booking, like the name of the meeting or attendees, can be hidden or displayed on the screen. If the room is available, a user may book the room for an ad hoc meeting by using the touch screen.

LIGHTING , BLINDS , AIR & EWIS

The AV control systems can interface with building lighting, blinds, air and EWIS systems if required.

Lighting design is also important for presentation and conferring aspects.



HEARING AUGMENTATION

Building regulations will require the implementation of hearing augmentation systems. We can incorporate wireless or floor loop systems into our design to help meeting building code. The building code requirements should be determined and verified by the Building Surveyor or DDA consultant.

FREDON SUPPORT + MICROSOFT TEAMS

NATIONAL SERVICE COVERAGE

Fredon Technology can provide a holistic managed service model that provide onsite or remote support. This framework will provide onsite or remote capabilities including Helpdesk, Break Fix Support, Executive support, end user event support, Preventative Maintenance and management

AV MANAGEMENT PLATFORMS

Fredon can offer implementation of a management platform system to be hosted on premises or in the cloud. This not only reduces the requirement for additional staff it provides powerful tools which offers:



MONITORING

- Know when there's a problem, then fix it remotely.
- View live status updates of all of devices from anywhere at any time.
- Instant alerts on any device changes within seconds

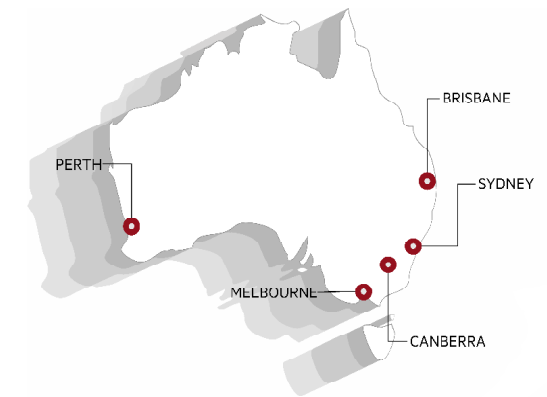
MANAGING

- Identify problems and undo them, reducing diagnostic time and increasing uptime
- Change setting once, update everywhere immediately
- Firmware update everything at once – security fixes in minutes, not days

EVOLVING

- Interactive dashboards show how your spaces are used
- Room analytics and reporting
- Make your next technology investment with the confidence it will support your company.

NATIONAL COVERAGE



EXISTING CLIENTS

- Lendlease
- APA Group
- ATO
- John Holland
- PWC

FREDON



CONTACT FREDON TECHNOLOGY TO DESIGN A BESPOKE SOLUTION
TO SUIT YOUR BUSINESS

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LEARN MORE

See how other customers have
used Audio Visual Technology to
communicate and collaborate

[here.](#)