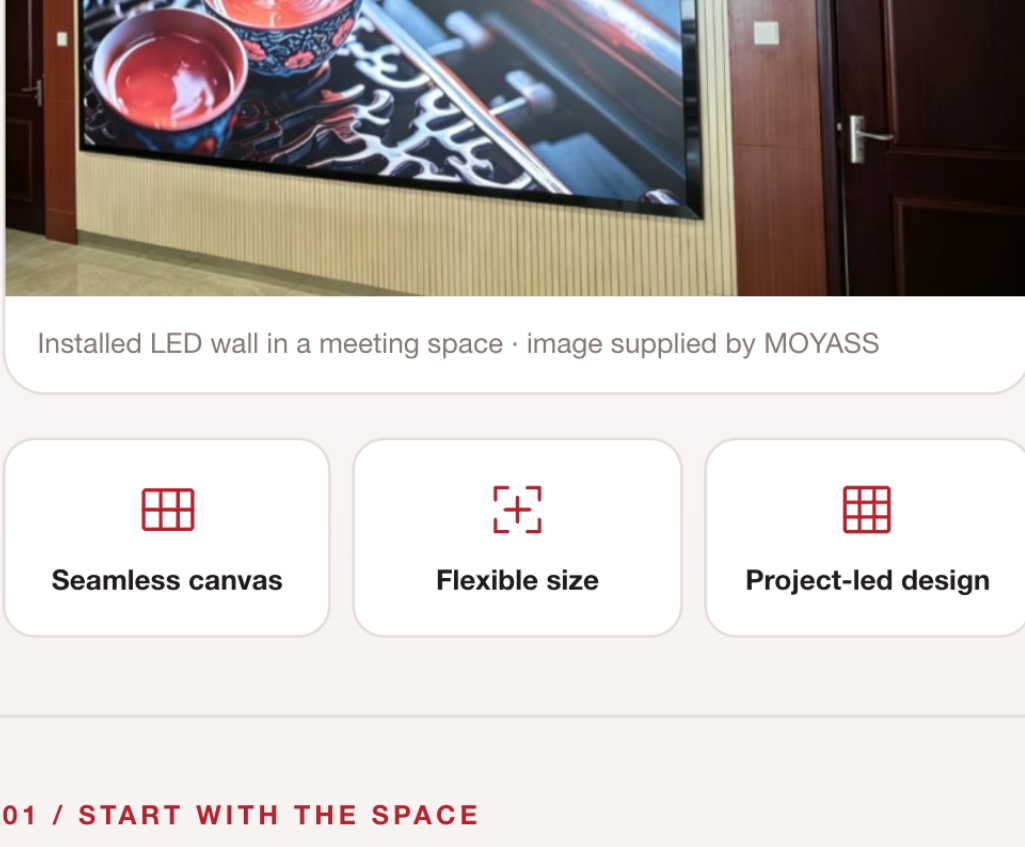


LED VIDEO WALL SOLUTIONS

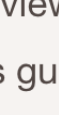
The big picture, built for your space.

A seamless canvas for the way your room works.

MOYASS helps shape the display, control system and installation around the space.



Installed LED wall in a meeting space · image supplied by MOYASS



Seamless canvas



Flexible size



Project-led design

01 / START WITH THE SPACE

A screen is only one part of the plan.

A useful video wall starts with the room: its dimensions, the nearest viewer and the content people need to see. Those answers guide pixel pitch, screen proportion, mounting and the rest of the system.

01 How much wall?

Measure the available width, height and finished surface.

02 Who is watching?

Note the closest viewing position and the smallest text or detail.

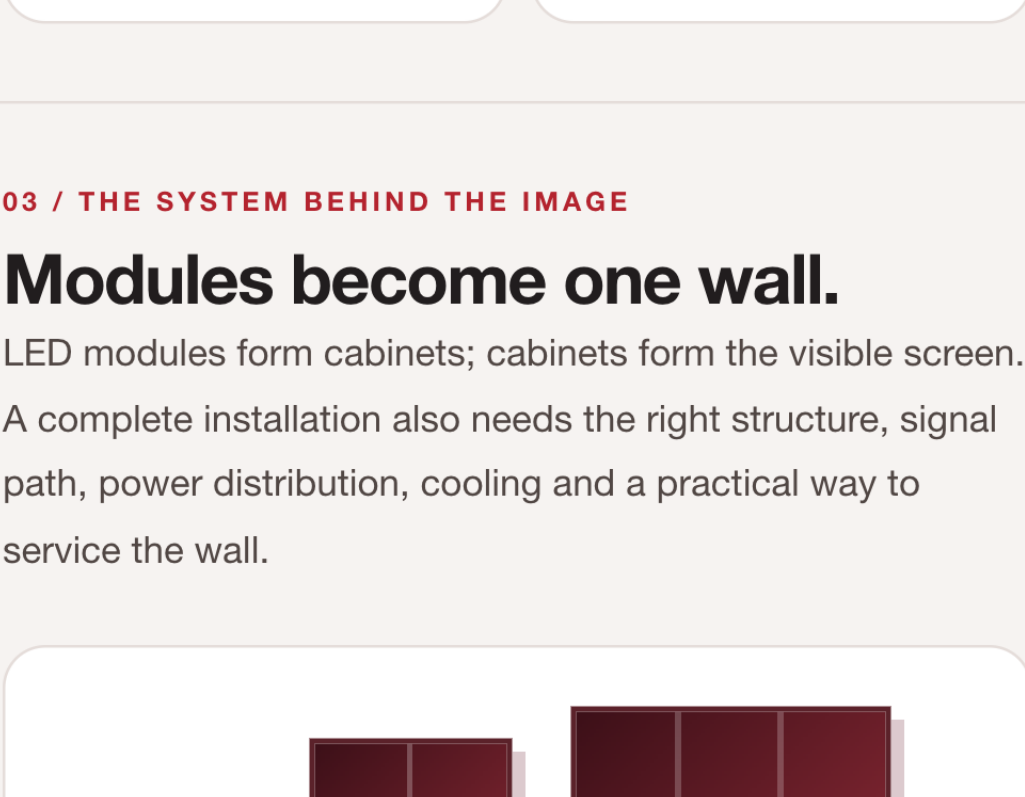
03 What appears on it?

Plan the content canvas, signal sources and number of windows.

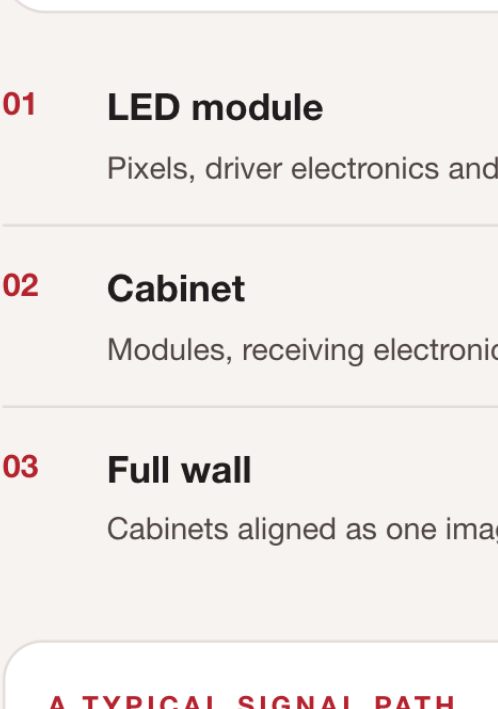
02 / WHERE IT WORKS

One canvas. Different rooms.

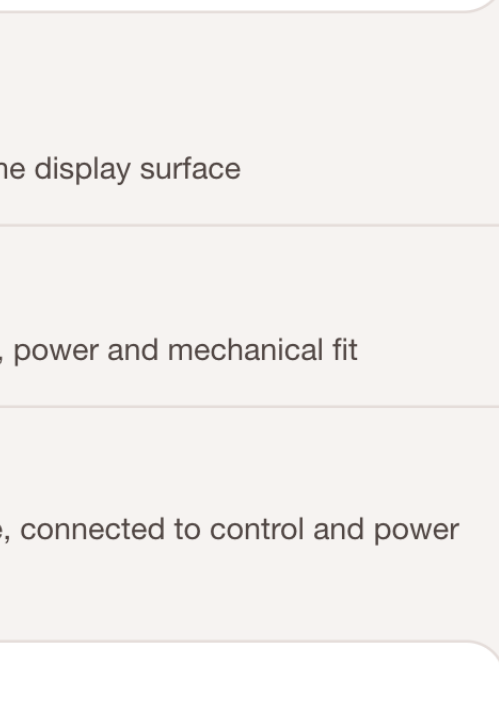
The modular display can be planned for a standard wall or a custom aspect ratio. Meeting rooms, control centers, exhibition spaces and public areas call for different image detail, brightness, structure and service access.



Control-room display above operator workstations



Large-format wall display in a finished room



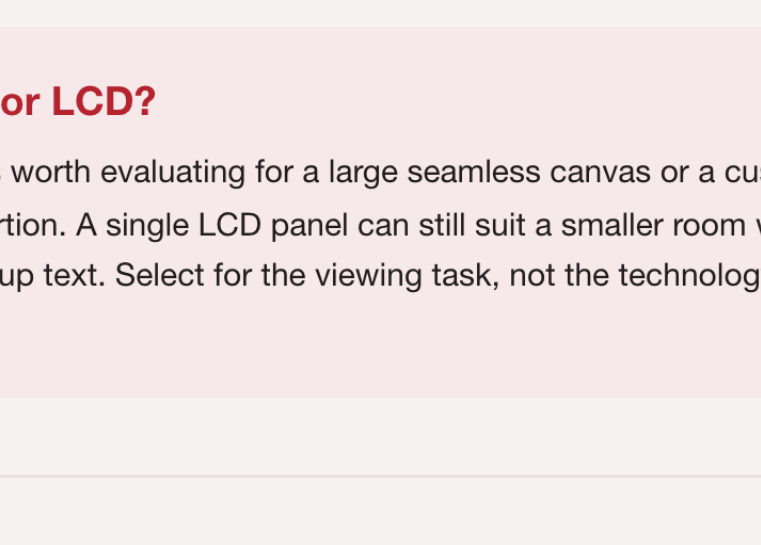
The side profile and finished depth matter in the room design

03 / THE SYSTEM BEHIND THE IMAGE

Modules become one wall.

LED modules form cabinets; cabinets form the visible screen.

A complete installation also needs the right structure, signal path, power distribution, cooling and a practical way to service the wall.



01 LED module

Pixels, driver electronics and the display surface

02 Cabinet

Modules, receiving electronics, power and mechanical fit

03 Full wall

Cabinets aligned as one image, connected to control and power

A TYPICAL SIGNAL PATH

Content sources

Processing + control

Transmission

LED cabinets

Inputs, controller capacity and redundancy are specified for the actual project, rather than assumed from the screen size alone.

04 / IMAGE DETAIL

Choose the pitch for the view.

Pixel pitch is the center-to-center distance between adjacent pixels. A smaller pitch can show finer detail at a closer distance. The right choice also depends on text size, content resolution, room light and budget.

LED or LCD?

LED is worth evaluating for a large seamless canvas or a custom proportion. A single LCD panel can still suit a smaller room with close-up text. Select for the viewing task, not the technology label.

HOW TO READ THE NAME

P1.8

P1.8 means 1.8 mm between pixel centers. It is an example of the naming convention, not a product specification for this page.

05 / PLAN THE WHOLE INSTALLATION

The details behind a reliable picture.



Structure + service

Confirm wall capacity, access routes, finished depth and front or rear maintenance before choosing cabinets.



Signal + control

Match the processor, controller, input interfaces and output capacity to the real pixel count and content layout.



Power + continuity

Design distribution, protection, grounding and any required backup around the selected equipment and local requirements.

06 / FROM IDEA TO HANDOVER

A project, not just a panel.

1 Survey the site

Dimensions, viewing positions, structure, power and access.

2 Choose the display

Compare pitch, brightness, cabinet style and maintenance method.

3 Design the system

Map sources, processing, transmission, power and any backup.

4 Test and hand over

Check image quality, switching, electrical safety and service documents.

07 / TALK TO MOYASS

Make room for the big picture.

Tell us your wall dimensions, viewing distance and what the display needs to show. MOYASS can help turn that brief into a project-specific LED video wall plan.