

D-WALL Server

Interface	TCP/IP
Operating system (O/S)	Microsoft® Windows® XP Professional (32bit) / Microsoft® Windows® 7 Professional (32/64bit) / Microsoft® Windows® 7 Ultimate (32/64bit)
Language	English (language customization available with language table)
Features	User management User group authorization (roles and permissions) Display area control by users Input signal and display layout memories Window display (network/application) Window control (IP streaming) Ticker window Remote multiple cursors Scheduling System monitoring and trouble shooting Mitsubishi Electric Display Wall products control includes internal processing VC-MK4000 real-time image processor control External (third party) switching control *1

*1 For details, please consult with a Mitsubishi Electric sales representative.

D-WALL Control (Client)

Interface	TCP/IP
Operating system (O/S)	Microsoft® Windows® XP Professional (32/64bit) / Microsoft® Windows Server™ 2003 (32/64bit) / Microsoft® Windows® Vista Business (32/64bit) / Microsoft® Windows® Vista Ultimate (32/64bit) / Microsoft® Windows® 7 Professional (32/64bit) / Microsoft® Windows® 7 Ultimate (32/64bit)
Language	English (language customization available with language table)
Features	User-friendly graphical user interface (GUI) Drag-and-drop easy operation Main menu and shortcuts Source, window and wall layout lists (registration/change/removal) Wall layout preview with/without thumbnails System monitoring and log lists (errors and alerts)

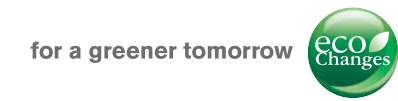
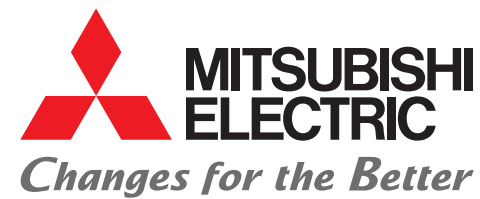
D-WALL Configure

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Operating system (O/S)	Microsoft® Windows® XP Professional (32/64bit) / Microsoft® Windows Server™ 2003 (32/64bit) / Microsoft® Windows® Vista Business (32/64bit) / Microsoft® Windows® Vista Ultimate (32/64bit) / Microsoft® Windows® 7 Professional (32/64bit) / Microsoft® Windows® 7 Ultimate (32/64bit)
Language	English (language customization available with language table)
Features	Display system hardware registration within one system (project data registration) *2 Mitsubishi Real Time Image Processor (VC-MK4000) setting and adjustment

*2 Including third-party hardware. For details, please consult with a Mitsubishi Electric sales representative.

Software Requirements

CPU	Intel® Processor 2.0GHz or higher
Memory	D-WALL server: 2GB or more (32bit) / 3GB or more (64bit) D-WALL control (client) and D-WALL configure: 1GB or more
Hard-disk-space	D-WALL server: 10GB or more free space D-WALL control (client) and D-WALL configure: 100MB or more free space
LAN interface	100BASE-TX x 1 or more
Others	DVD-ROM drive, keyboard and mouse



Display Wall



D-WALL Software

Display Wall Management Software



for a greener tomorrow

Eco Changes is the Mitsubishi Electric Group's environmental statement, and expresses the Group's stance on environmental management. Through a wide range of businesses, we are helping contribute to the realization of a sustainable society.



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Ticker Window (requires base computer)

One line of ticker message can be shown on the display wall. Inside the ticker window, font size and color, and background color can be set. The ticker window position can also be changed.

Remote Multi Cursor (requires base computer)

Up to 10 remote cursors can be displayed on a display wall simultaneously so that several operators can work on the display wall at the same time. (When one operator is using the remote multiple cursors, other operators can move the mouse but do not have control (stand-by status).)

D-WALL Software Managing Mitsubishi Electric Display Solutions in Command & Control Rooms

D-WALL Software is specially designed for customers to manage Mitsubishi Electric display systems in command and control rooms.

Using the ticker, remote multiple cursors, scheduling and user management functions (including display area control), operators can control and collaborate on tasks to ensure efficient and quick decision-making.

The system monitoring and trouble-shooting feature helps operators predict possible future problems with display systems and minimizes downtime.



Network Window (requires base computer)

With VNC software, the display images on other network computers can be displayed as a network window.

Operator A

Operator B

Operator Display Area Control (requires base computer)

An operators working area can be registered. For example, the red area can only be controlled by Operator A, and the green area can only be controlled by Operator B. Both operators can use the middle area as the "common area" because they both register this area.

RGB and Video Capture Window

RGB and video capture windows created using Mitsubishi Electric's VC-MK4000 real-time image processor and VC-B70DC internal processing board can be controlled.

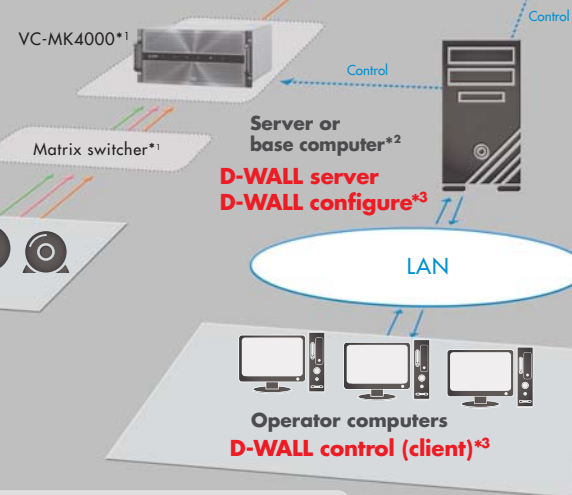
IP Camera Viewer (requires base computer)

Axis IP cameras* can be decoded and viewed on a display wall. However, there is no pan, tilt or zoom (PTZ) control.

* Regarding axis IP cameras supported by this viewer, please consult with a Mitsubishi Electric sales representative.

Application Window (requires base computer)

The registered application software on the base computer can be launched and displayed via the graphical user interface (GUI).



Operator Administration and Authorization

Operator user names and passwords can be set for system log-in. Using operator groups, operators' specific job roles and permissions can be assigned. The software also has three pre configured user groups: administrators, advanced users and normal users.

Scheduling

The display wall layout pattern can be set to change automatically according to the date and time. It is also possible to control whether or not a specific input source window is displayed. Hardware control, such as switching power on and off can be set with this function as well, allowing more efficient display wall operation matched to the requirements of each shift.

D-WALL Control (Client) GUI Image



- 1 Main Menu Menu items of D-WALL control (client).
- 2 Shortcut icons Shortcut icons to frequently used tools.
- 3 Input sources Input source registration, editing and deleting are possible. The registered sources are listed.
- 4 Wall layout Preview of the current display wall w/ or w/o thumbnail images. Using the drag-and-drop feature, windows can be added, and the window sizes can be changed to configure wall layouts.
- 5 Window list The windows being displayed on the display wall are listed.
- 6 Wall layout list Wall layout registration, editing and deleting are possible. The registered wall layouts are listed.
- 7 Status The status of display wall products and control hardware (such as VC-MK4000) is shown.

*1: Optional equipment. D-WALL Software works w/ or w/o this equipment.
*2: The base computer is a server computer with graphic cards to transfer O/S desktop images to a Display Wall.
*3: The application runs on a server computer, base computer or operator computer.