



Development.  
Integration.  
Production.

## WLAN room and workstation display – flexible scheduling and labeling.

Plug & Play – self-sufficient, wireless, expandable, configuration software included.



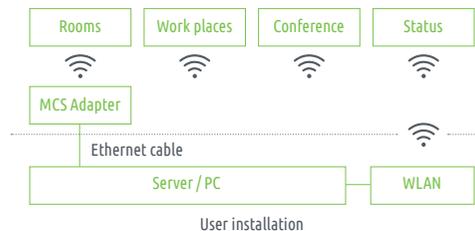
Ideas become reality.  
[mcsberlin.de](http://mcsberlin.de)



## Use your WLAN network

The system uses your WLAN network without influencing the existing network structures. Only the MCS WLAN adapter is connected to the internal LAN using an Ethernet cable. The adapter's configuration software is accessed via a browser and any number of displays can be integrated in simple steps. Selectable templates (layouts) support room labeling and conference displays. A quick, easy and inexpensive installation, ideally suited for:

- Co-working spaces (offices and workplaces)
- Public buildings
- Hospitals
- Schools and universities
- Hotels (meetings and conferences)
- Temporary event facilities (congresses, trade fairs, exhibitions)



- Low-Energy Technology
- 4.2" e-ink display (3-color - white, black, red)
- Battery operation (wireless), long operating time (depending on selectable update rate up to 2 years)
- Optional mains operation possible
- Compact, elegant plastic housing (different fastening and installation devices)
- Systems can be expanded as required at any time

## MCS WLAN displays type 4300

The MCS WLAN displays use the e-ink display technology, which is also known from e-book readers. These behave in an extremely energy-saving manner, since they do not have a backlight and energy is only consumed when the image is changed (i.e. when the display content is updated).

The data is transmitted via WLAN, there is no need to wire the displays. There is no need for costly cable laying work. This enhances the decorative impression of the installation, especially when retrofitting existing buildings. The WLAN displays can be placed freely and independently, even on glass surfaces.



## MCS WLAN adapter type 4310

The MCS mini WLAN adapter is only required once per installation (system). Connected to any computer, it is simply integrated into an existing LAN network like an external storage medium or another workstation and serves as a 'server' for the WLAN displays.

After selecting the WLAN adapter, the operating software opens, which allows the integration of any number of displays. Selectable templates (labeling layouts) allow room-specific description / allocation. Advertisements with the setting 'Meeting' can also be integrated in Exchange environments, for example for integration in calendar software such as MS Outlook.

# TECHNICAL DATA

## Housing

### Dimensions (WxHxD)

With frame: 140 x 115 x 28 mm  
Basic housing: 114 x 97 x 23 mm

**Material:** impact-resistant plastic

## Display

### E-Paper (e-ink) Display:

4,2" three-colored  
(white, black, red), 4:3

**Angle of view:** 180°

**Resolution:** 400 x 300

## Electronics

**Operating voltage:** 5 V

**Operating current:** 75 - 150 mA

**Operating temperature:** 0 - 50 °C

### Power supply:

4 x AA battery cells (LR6, 1.5V),  
4 x AA battery cells 2,800-3,200 mA

**Operating time:** approx. 2 years  
(depending on battery capacity  
and the update frequency)

### Power supply (alternative):

5V power supply (mini USB port)

**Insert / delete ads**

**Template selection**

**Update intervals (adjustable):**

1, 5, 15, 30 minutes  
1, 6, 12, 24 hours

**Reset / manual update:**

Touch function on the housing

**Update ability**

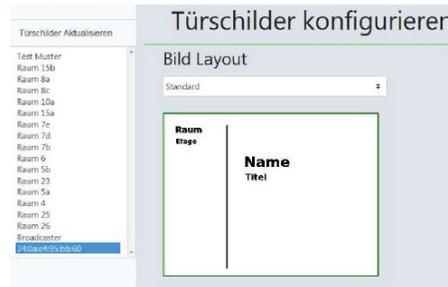
**Exchange functionality**

(e.g. Outlook)

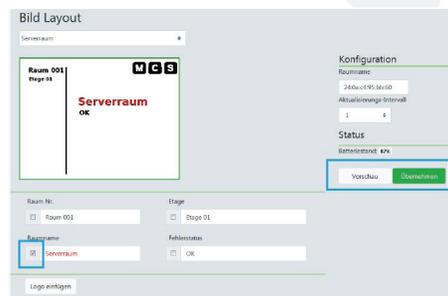
**Software**  
(incl. in the set)

## MCS configuration software

The configuration software is part of the MCS WLAN adapter type 4310 at no additional cost and enables the integration / renaming / deletion of any number of WLAN displays. At the same time, a selection of different templates (display layouts) is made available.



Templates are available for the applications 'room signage', 'meeting room' and 'status display server room'; company logos can optionally be inserted. Various parameters can be set within the templates, update rates can be set and the battery status can be recognised.



We are happy to assist you with any individual requirements, in terms of the range of functions or just to expand the display templates (layouts).

We are happy to provide you with more product details, help you select variable device sets (consisting of a WLAN adapter and any number of WLAN displays) and support you with the configuration or individualization of the system.

Contact us for appointments or if you have questions about our development services in hardware and software as well as products or production options.

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