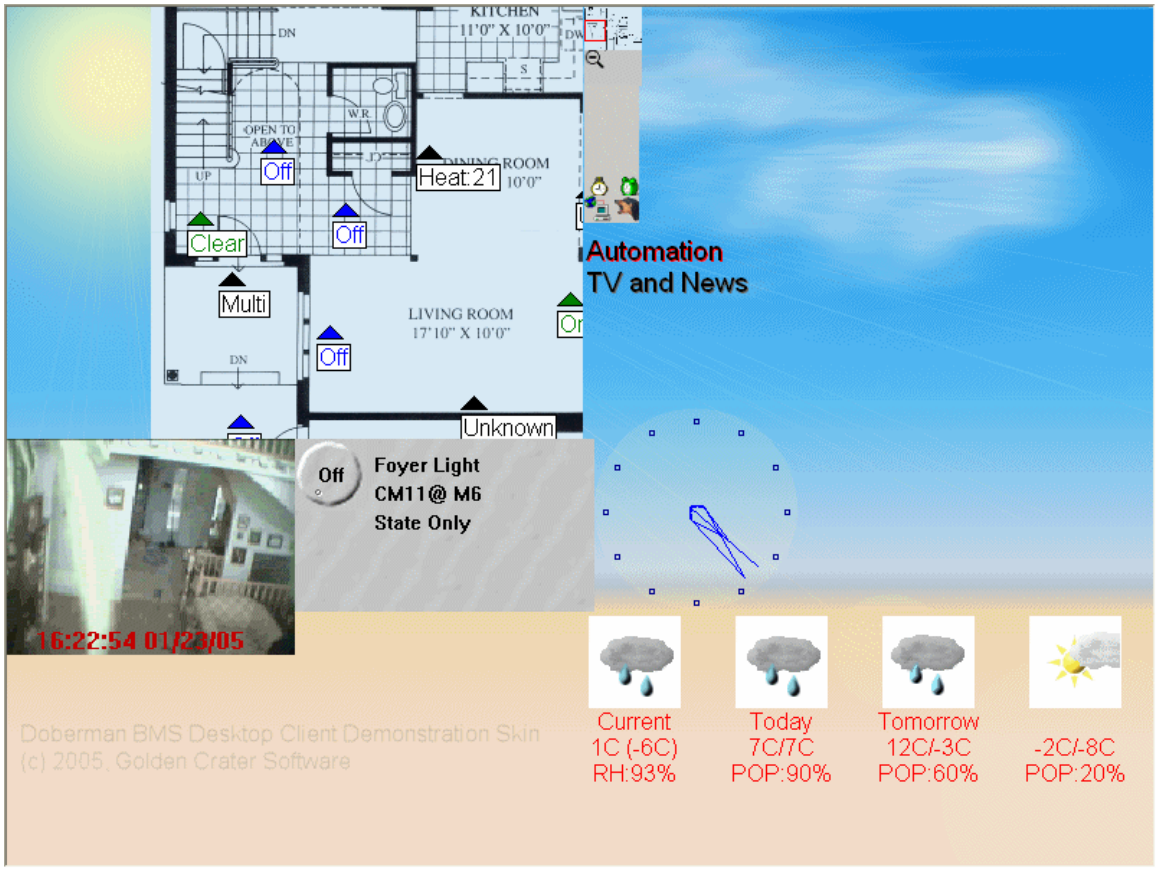
Welcome to Doberman BMS

DesktopPC Edition.

Users Guide

http://www.GoldenCrater.com/automation



What is Doberman BMS Client

The Doberman BMS Client allows a Windows computer to run as a control and information kiosk or touchscreen. From the client, you can view and change your home automation lights, heating and security. News, sports, weather, and TV listings can also be displayed.

Control is achieved though two input methods:
Standard mouse/pen/touchcreen.
Remote Control for Windows MCE (Media Center Edition) or other media extensions.

Requirements

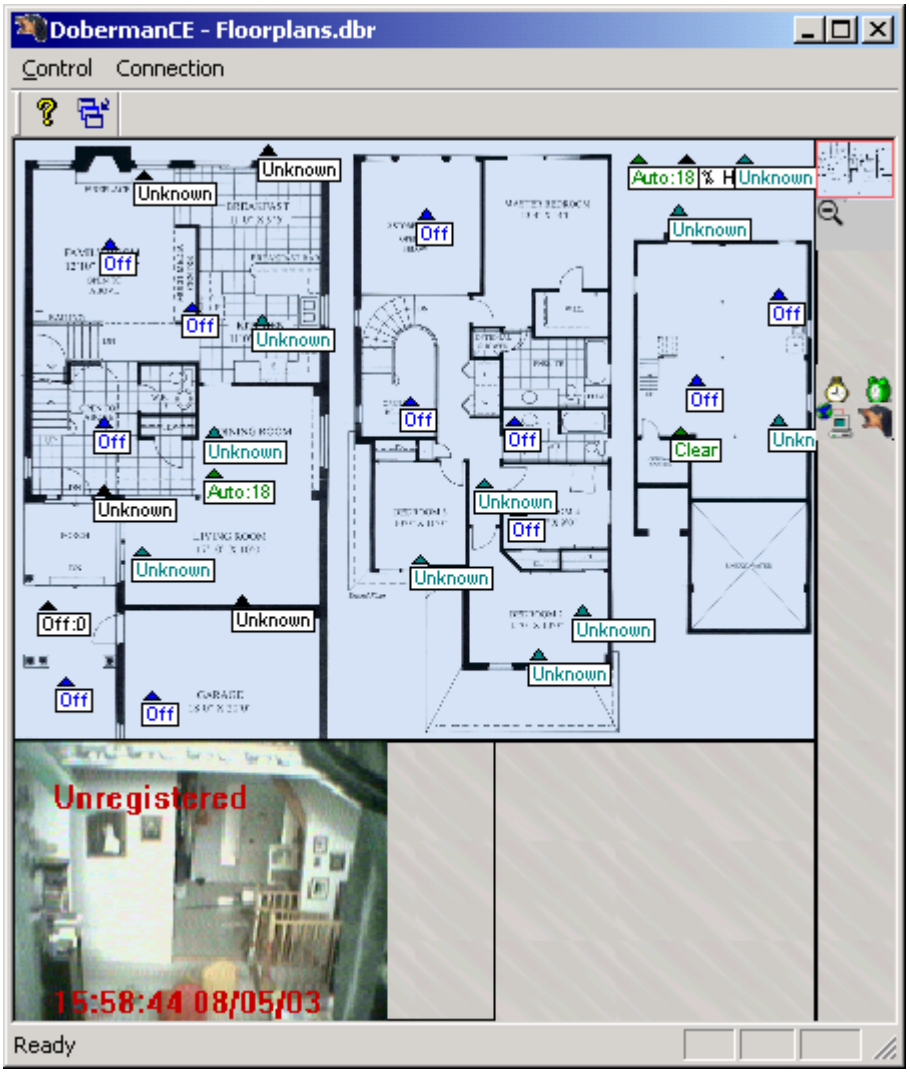
- A computer running Microsoft Windows 98SE or better.
  - Some configurations of Windows 95 or Windows 98 may also be sufficient.
- Connection to Internet/LAN
- Golden Crater Software Doberman Server installed and active.

Installing

- Download and launch DobermanCE DesktopPC.exe
- Follow the on-screen instructions.

Starting Doberman BMS

- Locate the Doberman icon  installed on your device.



Configuring

Right-click anywhere on the Doberman BMS, choose **Control** from the popup menu. Then choose **About**.

If you have subscribed to the Subscription service, simply enter your registration code and your subscription code and choose **OK**.

Now, right-click, choose **Configure** from the popup menu. Then choose **Auto Configure**. Doberman BMS client will locate your Doberman Server configure itself.

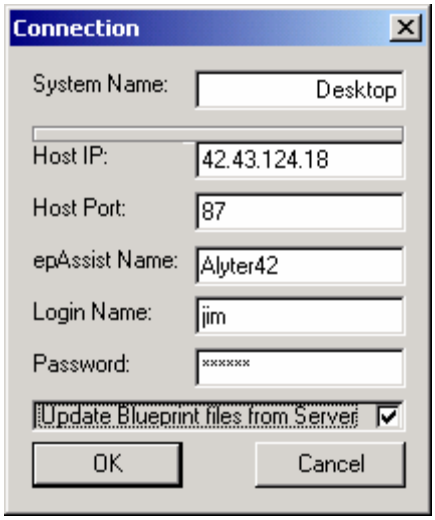
If you have not subscribed, you will need to enter the information yourself. In the screen shots below, Web Access to your assistant shows a (fictitious) address of:

http://42.43.124.18:87/~Alyter42/

- Server Address is **42.43.124.18**
- Server Port is **87**
- Assistant Name is **Alyter42**

- When you purchased this product you were provided an **unlock code**, or one was sent via email. Enter the unlock code in the space provided.
- Select **OK.**

- Right-click, choose **Configure** from the popup menu.
- Choose the **Configure** sub-item.
- Enter an optional **Client Id**, this will be used in future versions to customize the interface based on the user.
- Enter your epAssist server external **IP address**.
    - If you are behind a firewall, you will need to locate the IP address from your firewall product.
- Enter the **server port** that epAssist was configured to handle.
- Provide the **name** of your epAssist assistant (case sensitive.)
- If you configured **a login name and password**, enter it in the space provided.
- Check **Update blueprints from server** to download the floorplan image from the server. This needs to be done only when the image changes.
- Choose **OK**



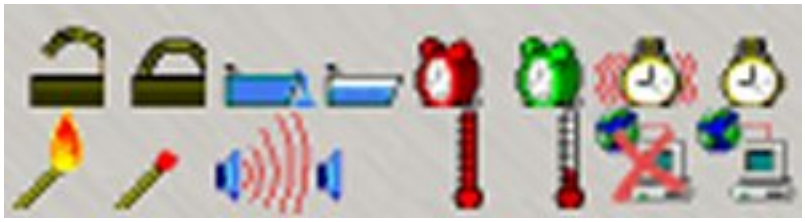
- If you would like Doberman BMS to launch every time Windows starts, simply check off the box in the second window.
- Choose **OK**

Logging off and securing the client

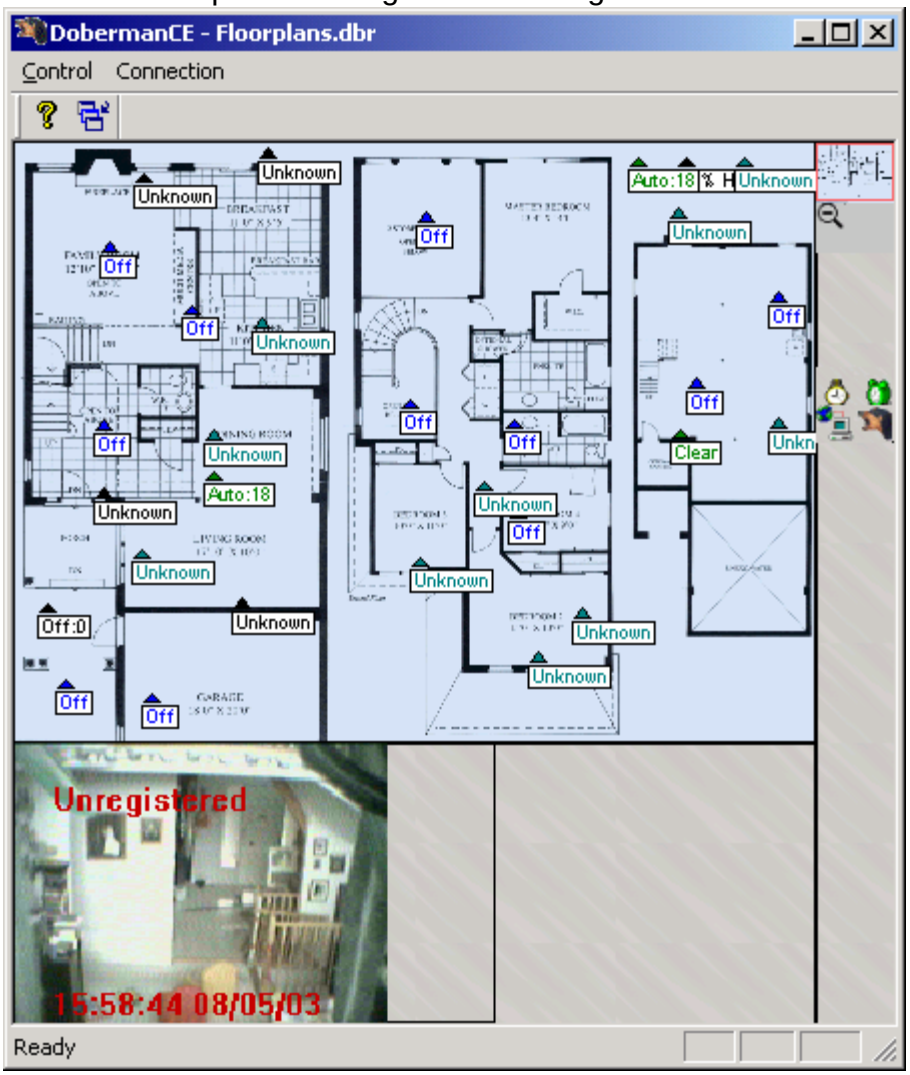
- Right-click and choose the **Control** menu.
- Choose **Exit.**

Checking the status of the sensors

The same status icons as the Doberman configuration tool are displayed in the clients.

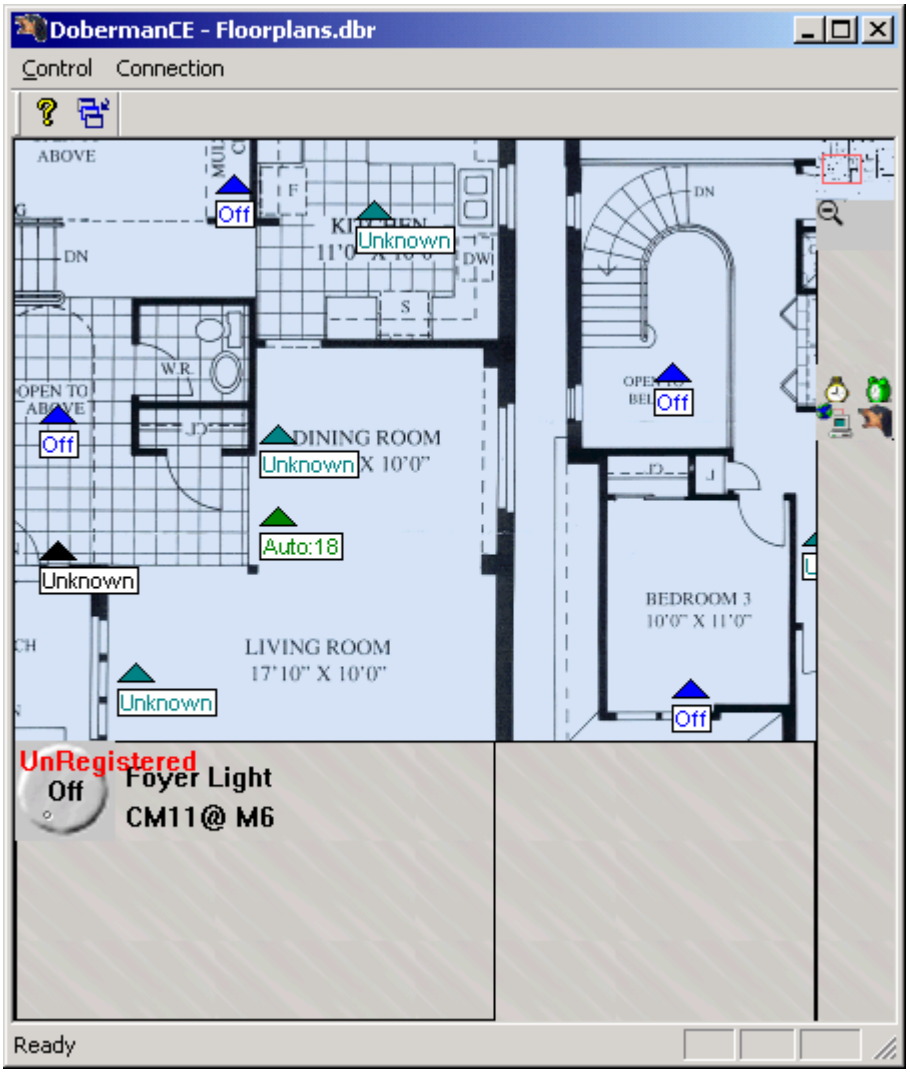


With the icons of a computer and a globe indicating the connection status.



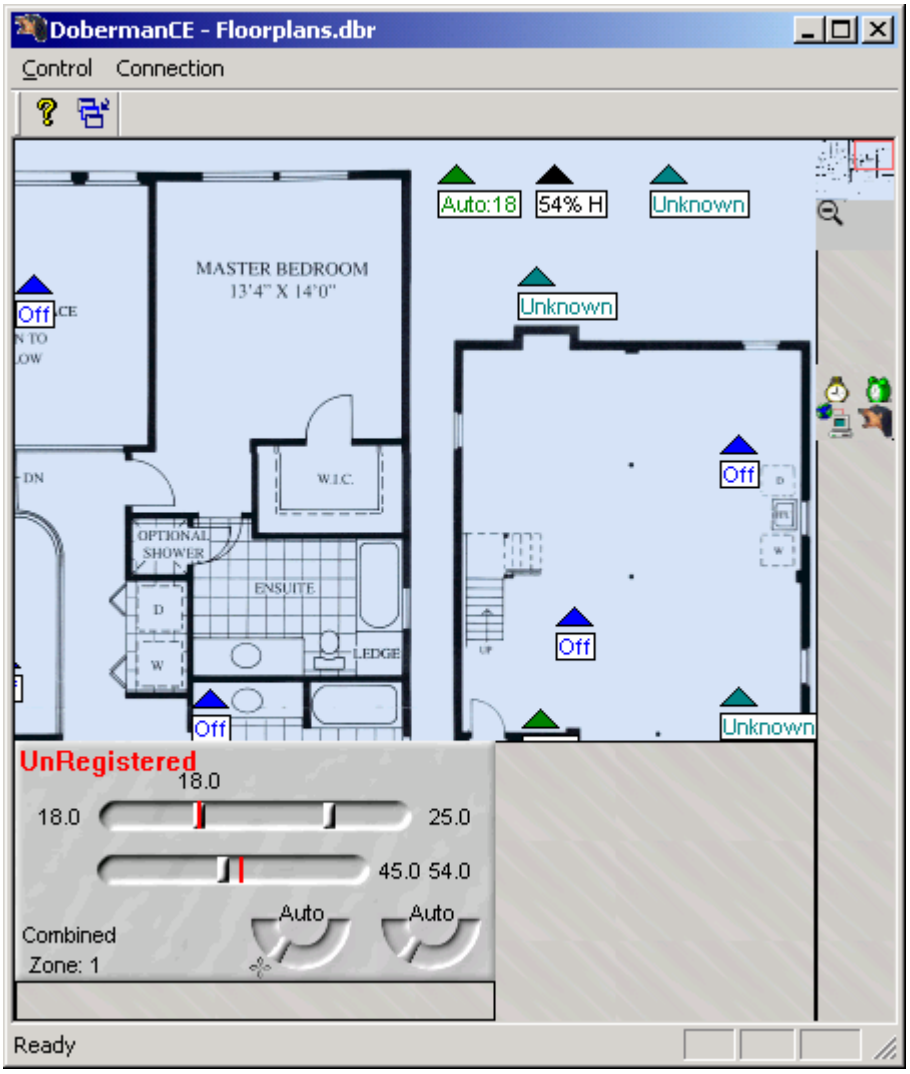
Viewing the status of devices on the floorplan

- Tap and drag on the floorplan screen to pan the image. –or-
- Tap and drag on the small overview floorplan (upper right)
- Tap the zoom icon (magnifying glass below the overview) to toogle the three levels of zoom.
- The pips show the current status as both text and color.



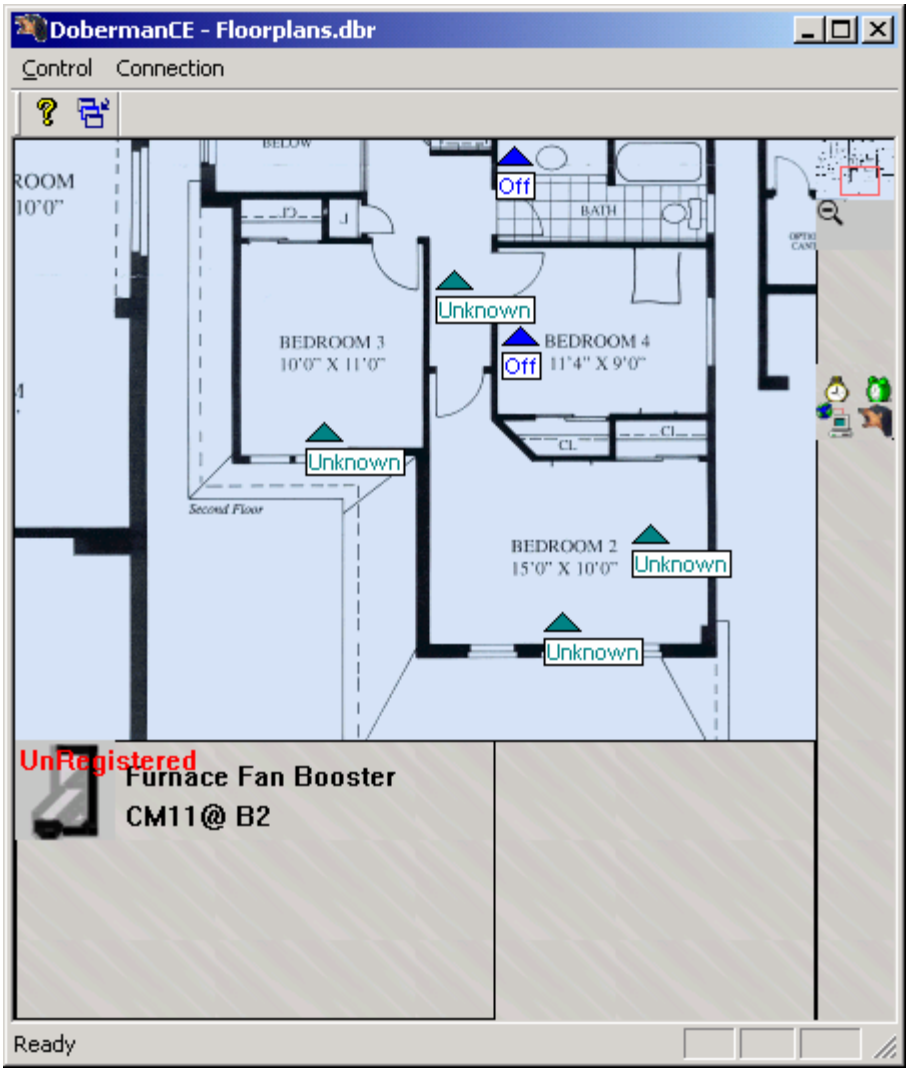
Controlling devices from the floorplan

- Tap on the device pip (triangle) to select
- The video window is replaced with the device control and details.



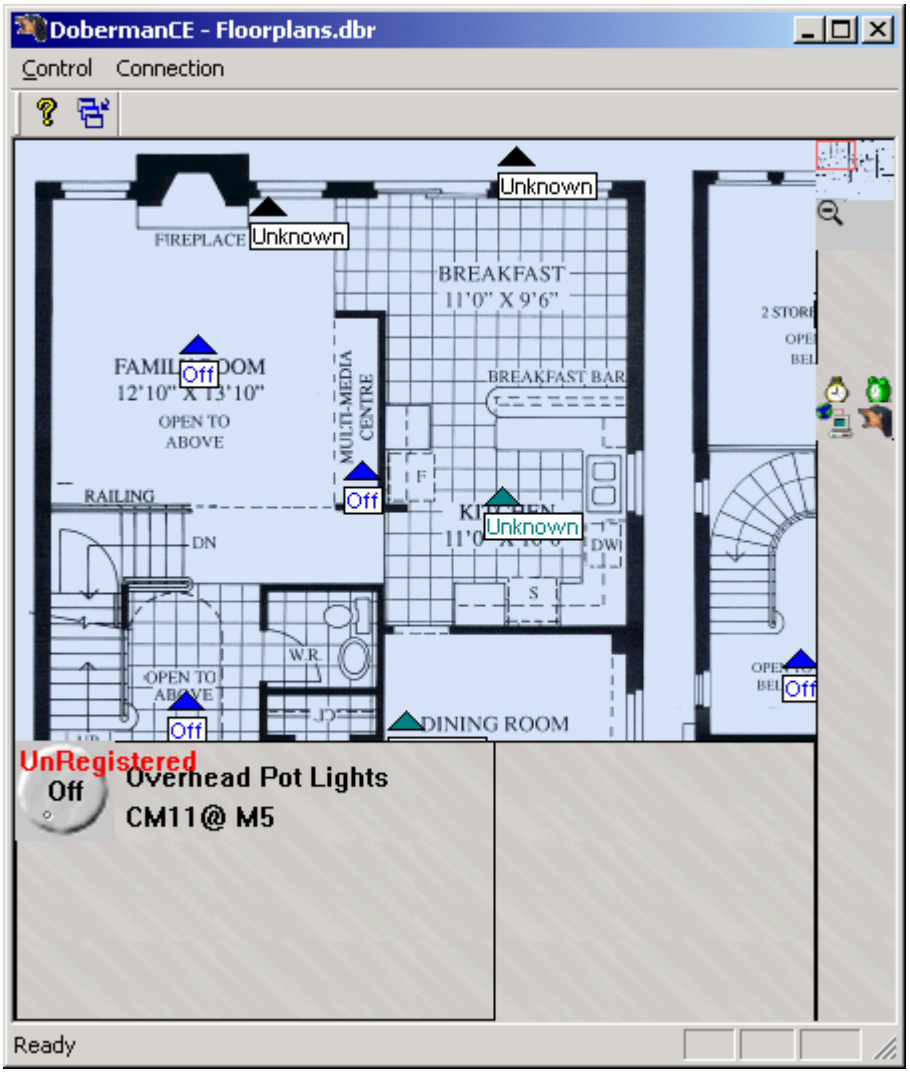
Controlling a light switch device

- Tap on the light switch icon to change states.
- The new state will be sent to the server.
- It may take several seconds for the server to control the device and update the client.
- For ease of control, the device properties will not update if the device state changes on the server while displayed.
- Tap on the floorplans dismiss and return to displaying the video.



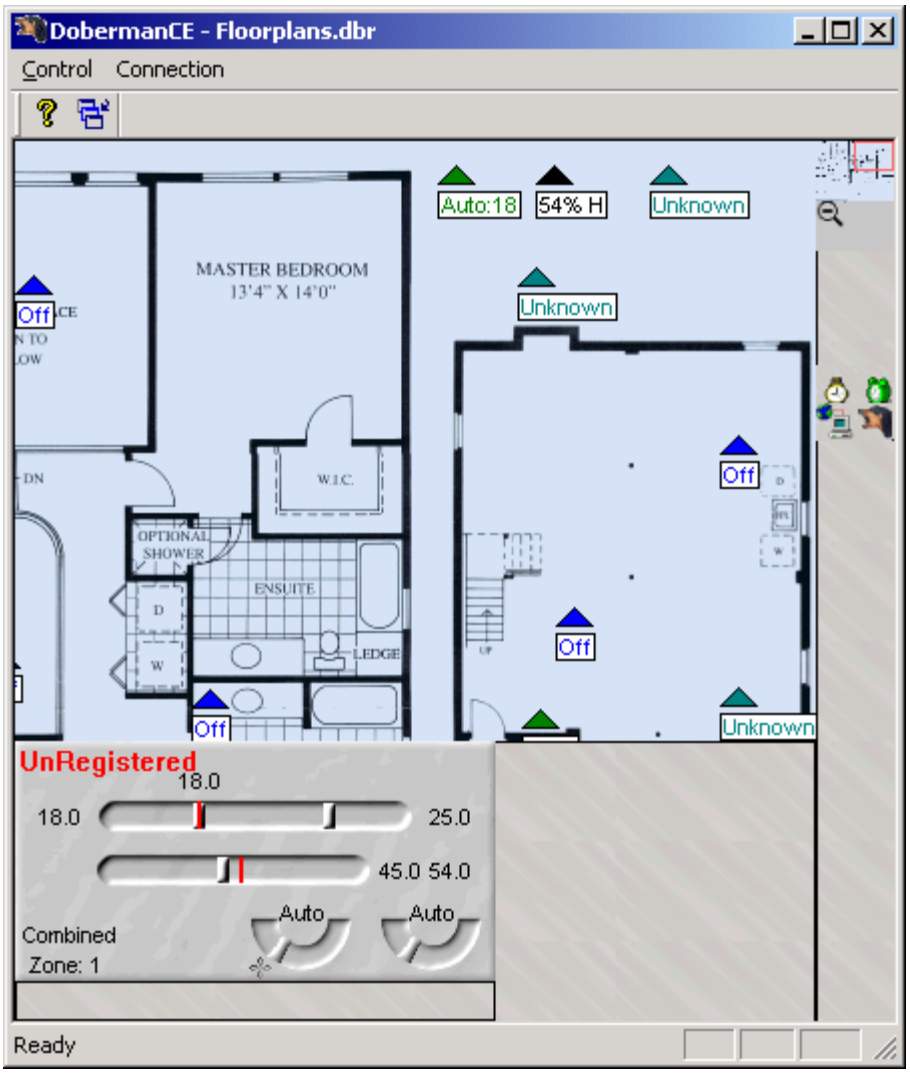
Controlling a Dimmable device

- Tap and drag the rotary dial to the desired brightness.
- Releasing the dial will send the new state to the server.
- It may take several seconds for the server to control the device and update the client.
- For ease of control, the device properties will not update if the device state changes on the server while displayed.
- Tap on the floorplans dismiss and return to displaying the video.



Controlling a HVAC (furnace, humidifier) device

- Tap and drag the slider you wish to control.
- The vertical red bar indicates the current sensed settings.
- Some controllers allow for automatic switching between heat and cool and allow independent settings for each.
- Release the slider to send the new state to the server.
- It may take several seconds for the server to control the device and update the client.
- For ease of control, the device properties will not update if the device state changes on the server while displayed.
- Depending on configuration at setup time, some controls may be disabled.
- In order:
    - Cool setting (shown as 16C.)
    - Heat setting (shown as 25C.)
        - Note: Current temperature is 19C.
    - Humidity setting (shown as 64%.)
        - Note: Current humidity is 55%.
    - Mode setting (off, auto, heat only, cool only.)
    - Fan setting (auto, on.)
- Tap on the floorplans dismiss and return to displaying the video.



Changing views

Doberman BMS is fully configurable via XML file. A view is like a web page, It can have a different background, and different colors, components, and information. Depending on the layout designed by your system integrator, there could be one of many ways to switch views.

The most common will be the view list in the 'Thumb view' below the status icons. The example below has two views: **Automation** and **TV and News**.

There is a separate specification document that covers this XML format. If you are uncomfortable with modifying the XML, your system integrator can assist in this aspect. Many web designers have the technical know-how to modify the XML based on the specification document. Finally, Golden Crater Software can be hired to configure the system. Contact information@goldencrater.com for a quote.

Using your Remote Control in MCE mode

You have a computer connected to your family room TV as a media center. You have a remote control to handle most of your options. Why would you want to pick up the mouse and keyboard, just to dim the lights before the movie? Your remove is a universal device that everyone knows how to use.

If your computer is a Window Media Center Edition (MCE), or your system has a compatible remote, Doberman BMS Client can run in a special mode optimized to run without a mouse or keyboard. Device control window layout is different, and a selection highlight is shown both for the currently selected window, and the selected item within the window.

The current window is highlighted with a border, color defied in the XML file. Use the Reply and Skip buttons to select between windows.

To move around a window, use the direction arrows, and the OK or Enter button to select or zoom. The Back button or cancel buttons will sometimes cancel an action or window. More Info will show guide information or allow control of a device.

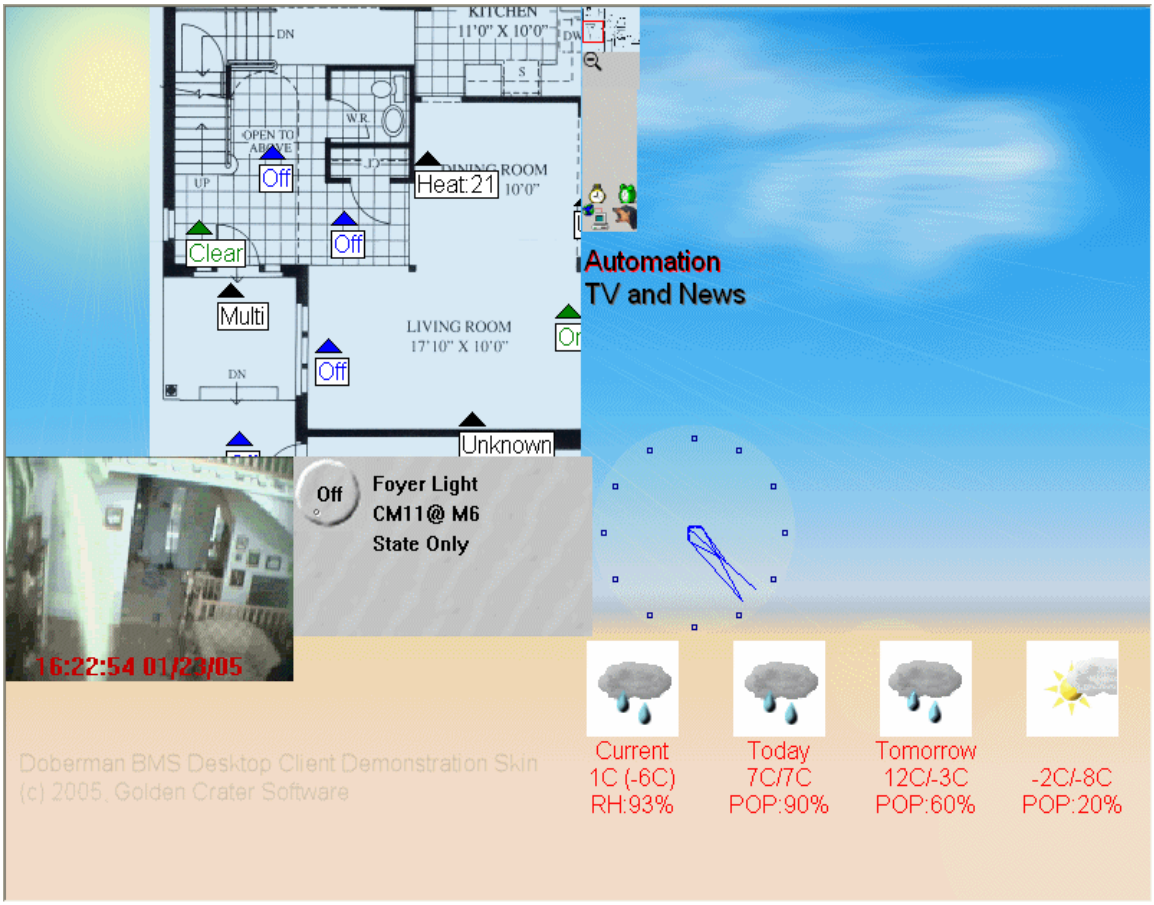
When controlling a device, use the up and down direction keys to change selection within the window, left and right to modify the value, and OK to activate the change. In the case of dimmers or multi-buttons, use the numeric keypad as a shortcut.

The CH UP and CH DOWN buttons allow some windows with long lists, like the TV Grid, to scroll by page. The Device Control window uses these keys as a second method to change the setting.

What does Doberman BMS Client Look Like

We've taken a page from both the web designers' handbook, and the flair of a video game artist to bring you Doberman BMS.

Doberman is broken into modes, or screens. Each screen can have its own background image, and can contain as little, or as much information as you wish. Simply have your System Integrator design the layout in XML and provide the images. Your imagination is the limit. From sandy beaches, to family portraits, to cyber-techno, you choose your look.



What is the toolbox of windows I can use to create my interface?

- Blueprint/Floorplan
- Blueprint Thumb/Status
- Device Control
- Device Control via IR Remote (vertical layout)
- Camera View
- TV Listing
- TV Grid
- Sport Listing
- Sport Ticker
- Stock Listing
- Stock Ticker
- News Listing
- News Ticker
- Weather Listing
- Weather Ticker
- Weather Icons
- Image (JPG/PNG) Window, server download
- Clock, analog/digital
- Calendar

How do I get news, etc. into Doberman BMS?

Why introduce new formats when there are emerging standards in XML. We've tried to support subsets of the formats listed below. We suggest writing a macro on the server that fetches the data for you. Then all clients can access the copy on the server, thereby keeping external internet traffic to a minimum.

- News, Stocks, and Sports are provided in RSS or RDF format.
- Weather is provided in XML format very similar and compatible to the XML feed from weather.com (if you use weather.com feeds, you are bound by several rules.)
- TV listings are provided via XML compatible with XMLTV format, versions 0.6 and the older 0.5.