

6 Associating maps to procedures

Insert a map step into an operating procedure to display a map with the event location.

Note: This feature is not available for the MT8001 Management Terminal.

1. Select the desired operating procedure node.
2. Select the Map icon  to insert a map step.
3. Complete the Step Title and Description fields.

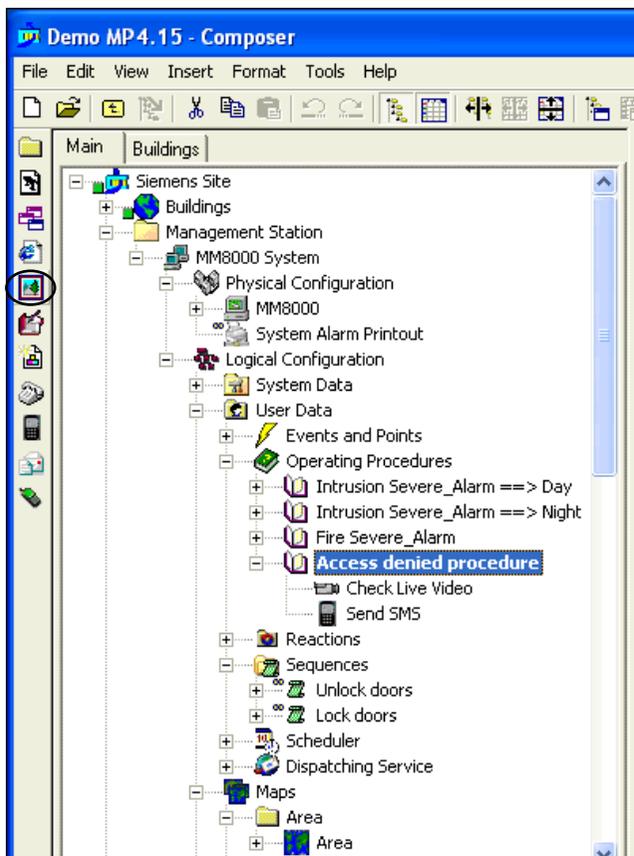


Fig. 7 Insert map step (map icon encircled on left)

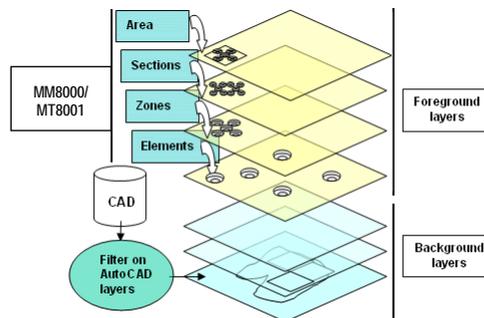
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DMS8000 Technical Material
Section: 6

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DMS8000

Graphical Map Configuration

For:

- MM8000 Management Station MP4.20
- MT8001 Management Terminal MP4.20

With WW8000 Composer

Quick Reference Guide

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1 Getting started

In the Composer project, maps are located in:
Supervisor System Settings → <MM8000 System> → Logical Configuration → Graphic Maps

File types supported (for background layer):

- Autocad: dxf, dwg, shp
- Pixel-based: bmp, jpeg, pcx
- Windows metafiles: emf, wmf

2 Creating a map

To create a map, **select** the following:

1. The map icon  from the procedure icons to the left of the Composer tree.
A map node appears in the tree.
Note: To organise maps, select the folder icon, then store the maps in the folder.
2. The new map node in the tree.
3. 'Edit Map' in the Node tab to launch the map wizard.
Note: The simplest way to create a map in the wizard is to select the Pixel-based Map option, and then use the default settings. You can modify resolution units, map size, and background colour later using the 'Map' menu command in the graphical editor.
A new-map wizard starts and the graphical editor displays.
4. The appropriate insert file icon (  ) to import a background layer.
5. The edit layers icon  to open 'Layers' window.

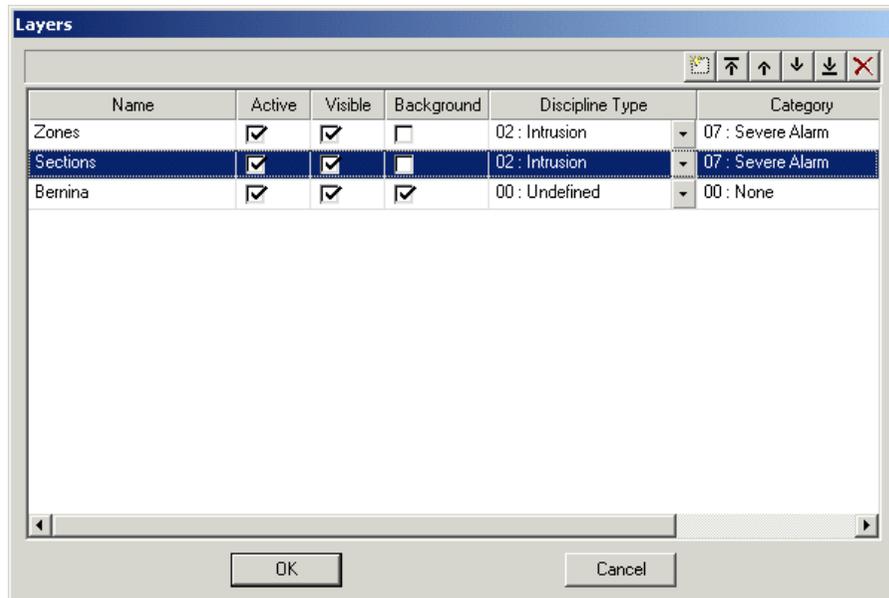


Fig. 1 Layers window

6. The new layer icon  to define at least one foreground layer. When finished, select 'OK'.
Note: Double-click on the name to rename.

4.1 Associating a manual page to a data point

To associate a manual page to a data point, do the following:

1. Select the desired point node in the tree.
2. MM8000: Select the 'Event Treatment' or 'Plant Browser' tab.
MT8001: Select the 'Pages' tab.
3. MM8000: Select the manual page in the 'Preset pages' pane, then select the assign icon .
MT8001: Select the map in the 'Configured Maps/Pages' pane to add to the 'Maps/Pages' pane.

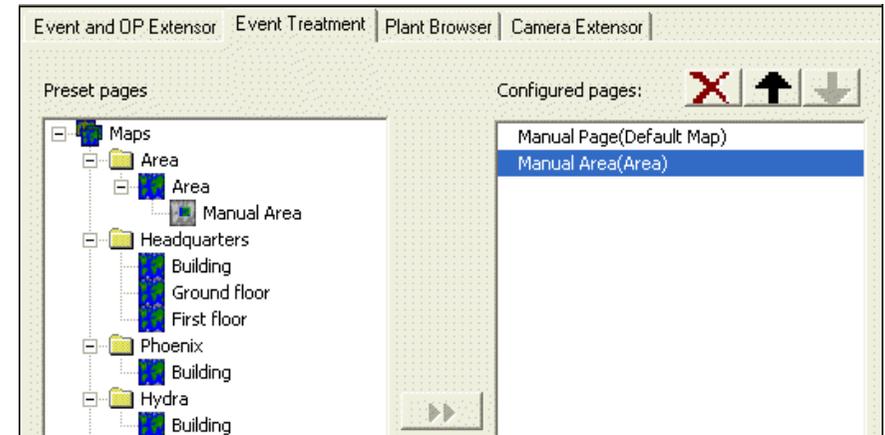


Fig. 5 Associate a page manually (MM8000 shown)

5 Creating a Default map

Create a default map page so that a graphic, text, or other appears for all points that have no map associated with them. Note that this feature is not available for MT8001.

Note: Only a manual page can be used as a default page.

1. Insert a new map node into Graphic Maps.
2. Import the desired graphic using the graphical editor.
3. Name the page ('Default' recommended), save the map and close the editor.
4. Select the Point Page Extension node (Supervisor System settings → MM8000 → Logical configuration → Point Page Extension).
5. Select the default map page in the 'Preset pages' area.
6. Select 'Set as Default'.

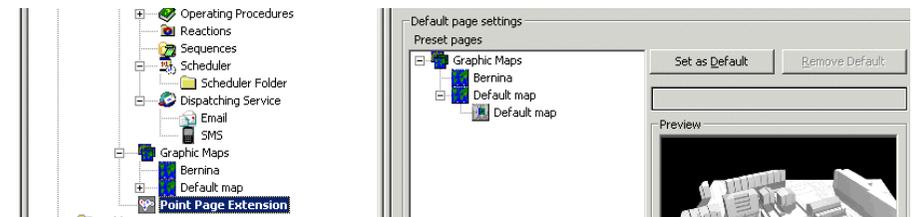


Fig. 6 Create a default map

4 Creating map pages manually

Create a manual page when the automatic page calculation (based on layer and depth) will not display the map you want.

To manually create map pages, do the following:

1. Open a map. (Select map node in tree, and then 'Edit Map' in Node tab.)
 2. Select the toggle page mode icon  to open page mode.
 3. Select new page icon  for fixed proportions or  for free proportions (MM8000 only).
 4. Select an area on the page by dragging the rectangle.
- Note:** To resize the shape, drag the edge.
5. Name the page.

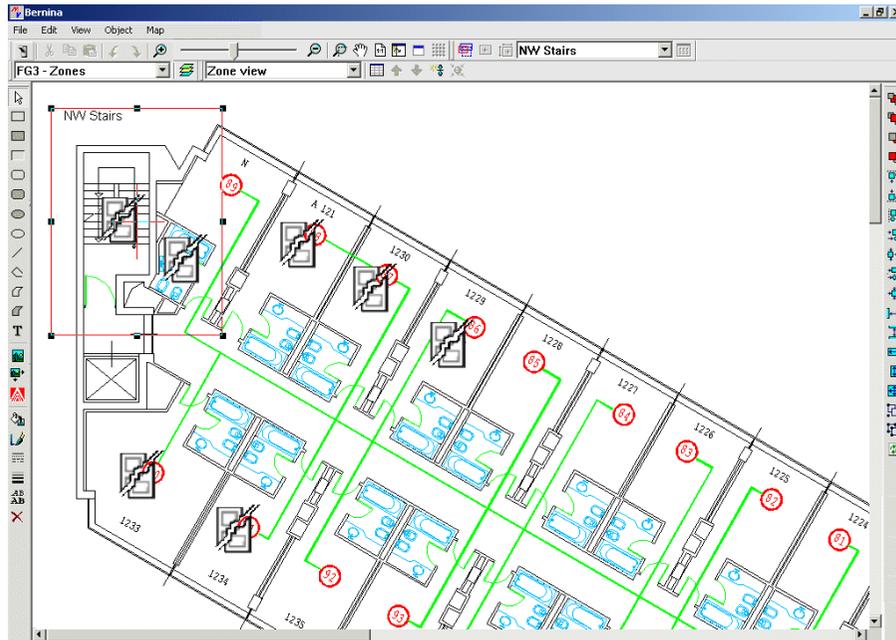


Fig. 4 Manually creating pages – rectangle shows new page, page name

To edit or delete manually created pages:

- Select the edit pages icon  to display the page list dialog box.

To create a map, **select** the following: (cont'd.)

7. The zoom factor for a new depth using the zoom in , zoom out , or zoom control  icons.
8. The new depth icon  to create a new depth to associate to a foreground layer.
The Depths window opens.
9. **Deselect** any background layers you don't want associated to the depth.
10. Select the associated foreground layer(s).
Note: A depth combines one or more foreground and one or more background layers. A depth is the graphic shown on the screen. Multiple depths allow the user to quickly change views. (Dive down/up.) A foreground layer can only be associated to one depth. Limit one depth for MT8001.
11. Repeat steps 7-10 for each depth.

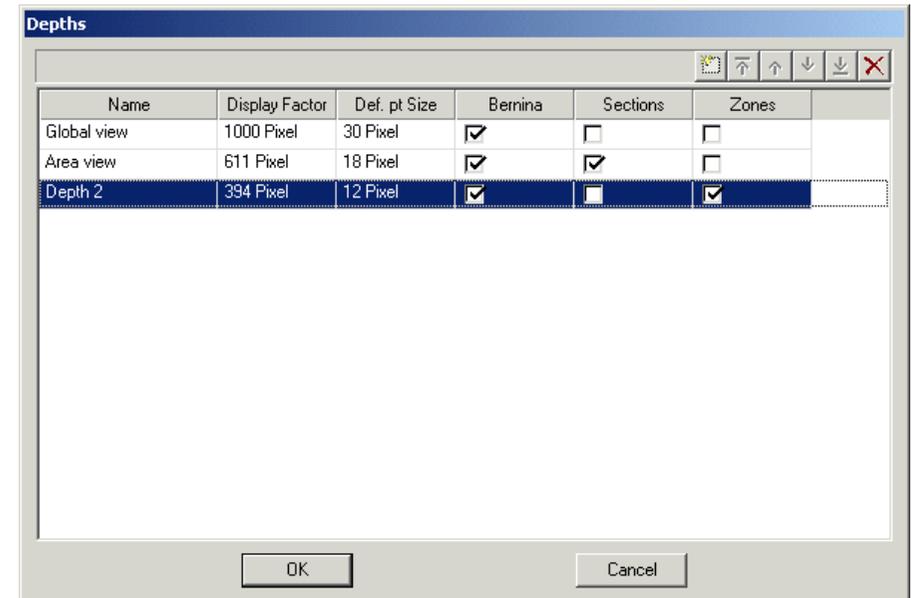


Fig. 2 Depths window

Configure foreground layer(s):

1. Select a depth from the right drop-down arrow (located near top of screen).
2. Select the associated foreground layer from the left drop-down arrow.
3. Select the adjust dimension icon  to display Composer tree on left and map on right.
4. Drag points from the tree and drop onto map.
Note: To resize initial object on the map, select the object, drag the edges to the size you want, then select 'Set default object size' icon .

Test the map:

Test mode allows you to test visibility effects, etc. simulating MM8000 in runtime.

- Select the test toggle icon  in edit mode to go to test mode.
Note: Select the test toggle icon again to return to edit mode.

3 Using the graphical editor

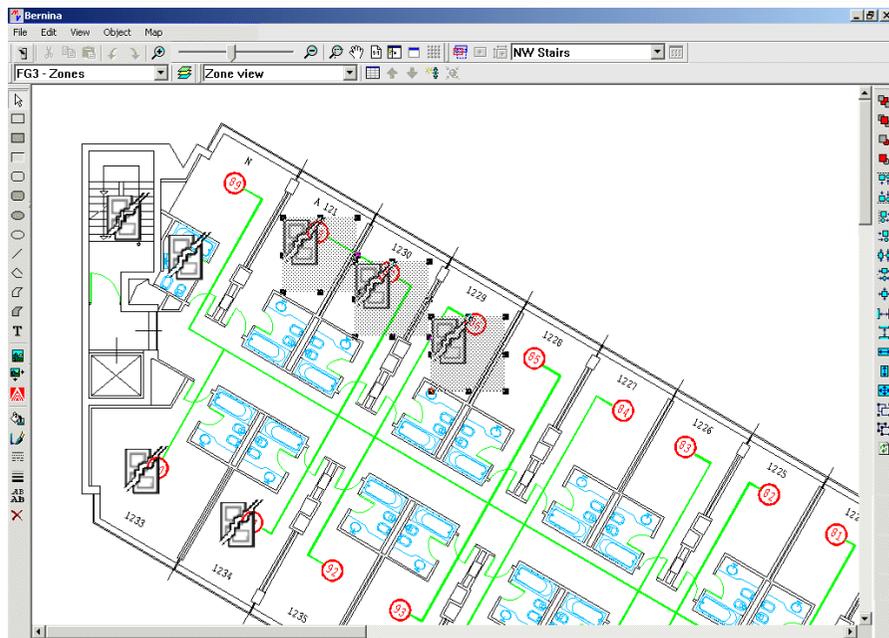


Fig. 3 Graphical editor (selected objects appear in greyed grids)

The following tables illustrate the graphical editor tools and briefly describe their functions.

➔ For function details, see DMS8000 Graphical Map Configuration guide (STEP #A6V10062441).

<u>Item:</u>	<u>Tool function:</u>
Drawing tools	
	Select object(s) Hints: Hold CTRL and left-click to select multiple objects; Hold ALT to select objects on different layers.
	Rectangles & Ellipses
	Lines & Polygons
	Text box

<u>Item:</u>	<u>Tool function:</u>
Import tools	Import file (background layer)
	- Bitmap
	- Metafile
	- AutoCAD
Set defaults	
	- Fill and line colours
	- Line style & thickness
	- Font
	Delete selection

<u>Item:</u>	<u>Tool function:</u>
Object size, positioning tools	
	Move relative object - To back/front - Backward/forward
	Align object - Top/bottom - Left/right
	Centre object - Vertically/horizontally/both

<u>Item:</u>	<u>Tool function:</u>
View tools	
	Pan
	Adjust view to screen size
	Split screen to display Composer tree for drag and drop.
	Open aerial view window
	Set/unset grid

<u>Item:</u>	<u>Tool function:</u>
Zoom	
	Zoom in/out
	Zoom control
	Zoom into a selected window

<u>Item:</u>	<u>Tool function:</u>
Manual pages	
	Toggle page mode to create a new page manually
	Edit/delete manually created page

<u>Item:</u>	<u>Tool function:</u>
Object size, positioning tools	
	Space objects at same distance across/down
	Make objects same width/height/both
	Group/ungroup objects
	Refresh objects

<u>Item:</u>	<u>Tool function:</u>
Layers	
	Add/delete foreground layer (opens 'Layers' window)
	Create new layer
	Move up/down layers list (to top/up one/down one/to bottom)
	Delete layer

<u>Item:</u>	<u>Tool function:</u>
Depths	
	Move up/down a depth
	Add/delete depths (opens 'Depths' window)
	Note: See "Layers" section for Depth window tool functions. Show depths
	Set object default size

<u>Item:</u>	<u>Tool function:</u>
	Create new page – fixed proportions
	Create new page – free proportions