Floor Plan Module
Installation Instructions

EMS Workplace 7.0
EMS Campus 4.0
EMS Enterprise 7.0
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EMS District 7.0

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Floor Plan Module
Installation Instructions

Introduction

The Floor Plan Module allows users to search for, view and reserve available space from an interactive floor plan within Virtual EMS and the EMS Kiosk.

This document lists the steps you must take to install the Floor Plan Module. You must be licensed for EMS, Virtual EMS and/or the EMS Kiosk, and the Floor Plan Module in order to configure and use this component. If you are unsure whether or not your organization is licensed for this module, or if you would like to learn more about it, please contact your Account Executive.

Four general steps are required to install, configure and enable the Floor Plan Module:

1. Install and configure the Floor Plan Module server components – Floor Plan Web Service and Floor Plan Configuration Utility – as outlined in this document.
2. Within EMS, upload your floor plan indicators and floor plans.
3. Using the Floor Plan Configuration Utility, map indicators to room locations on your floor plans.
4. Enable floor plans to be displayed on Virtual EMS and/or the EMS Kiosk.

Customer Support

Unlimited toll-free customer support is available to EMS users who have a current Annual Service Agreement (ASA). If you are unable to resolve a problem or answer a question by reading the EMS documentation, contact us at:

Email: **support@dea.com**
Web: **www.dea.com**
Phone: **(800) 288-4565**
Fax: **(303) 796-7429**

Hardware and Software Requirements

The system requirements for the Floor Plan Module are similar to the Virtual EMS requirements. A list of the system requirements is maintained on our website.

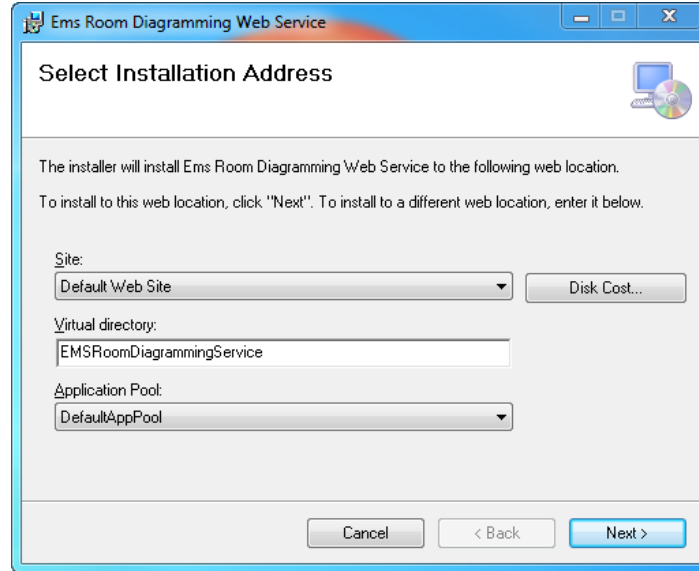# Obtaining the Latest Release of the Floor Plan Module Components

The latest Floor Plan Module components can be downloaded from the online Support Center.

1. Go to www.dea.com and enter your Email Address and Password in the Support Center area.
2. Click the Software downloads link.
3. Download the following files. Required for both first time installations and upgrades.

- **Floor Plan Web Service (EMSRoomDiagrammingService.msi**) – Installation file for the Floor Plan Web Service – a mechanism used by Adobe Flash Player within the Floor Plan Configuration Utility/Virtual EMS/EMS Kiosk and the web server to render floor map images.
- **Floor Plan Configuration Utility (EMSFloorPlanConfiguration.msi)** – Installation file for the EMS Floor Plan Configuration Utility – a web application used to map indicators to room locations on your floor plans.

Installing/Upgrading the Floor Plan Web Service

Important: Before beginning the installation process, please do the following:
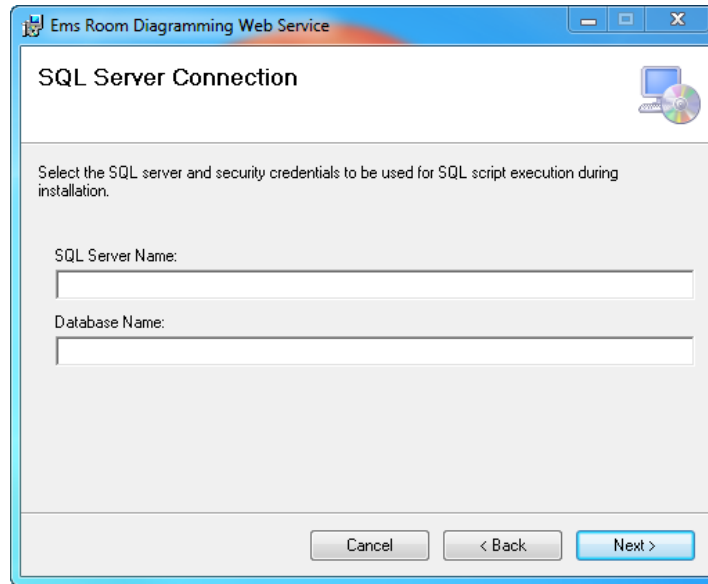
- Install or upgrade your EMS databases as outlined in the *EMS Installation Instructions*.
- Manually **<u>uninstall</u>** any previous versions of the Floor Plan Web Service on your web server.

1. Verify that the prerequisite software is installed.
2. Download **EMSRoomDiagrammingService.msi** and **EMSFloorPlanConfiguration.msi** onto the web server (typically the web server that hosts your Virtual EMS/EMS Kiosk web site(s).)
3. Run **EMSRoomDiagrammingService.msi**.
4. The first screen welcomes you to the EMS Room Diagramming Web Service Setup Wizard. Click **Next >** to begin the installation process. The *Select Installation Address* screen will appear.

5. Select the Site, Virtual Directory and Application Pool. It is recommended that you keep the default settings. The installation process will create a Physical and Virtual directory on your web server named "EMSRoomDiagrammingService" (or whatever value you entered in the Virtual Directory field.) Click **Next >**.

   Note: The EMS Room Diagramming Web Service should <u>not</u> be installed in the same Virtual Directory as other EMS web-based products.
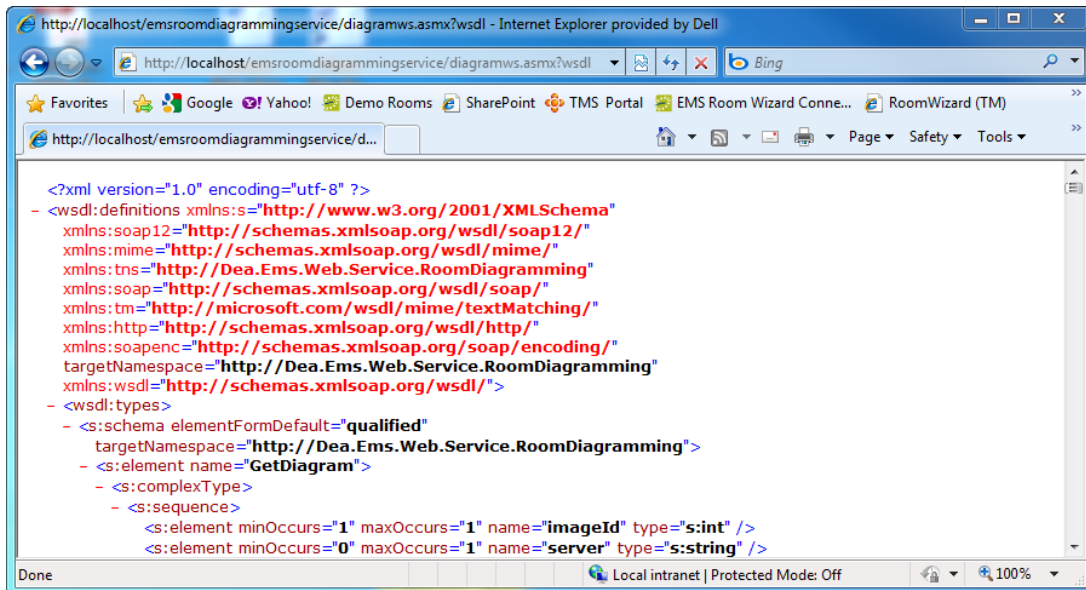
6. The *Confirm Installation* screen will appear. Click **Next >**. The *SQL Server Connection* screen will appear.

7. Enter your EMS SQL Server Name.
8. Enter your EMS Database Name (typically "EMS"). Click **Next >** to begin the installation.
9. The *Installation Complete* screen will appear. Click **Close**.
10. After following the steps above, verify your installation by opening a browser and entering the following URL:

http://[ServerName]/EMSRoomDiagrammingService/DiagramWS.asmx?WSDL (replace [ServerName] with the name of your web server)
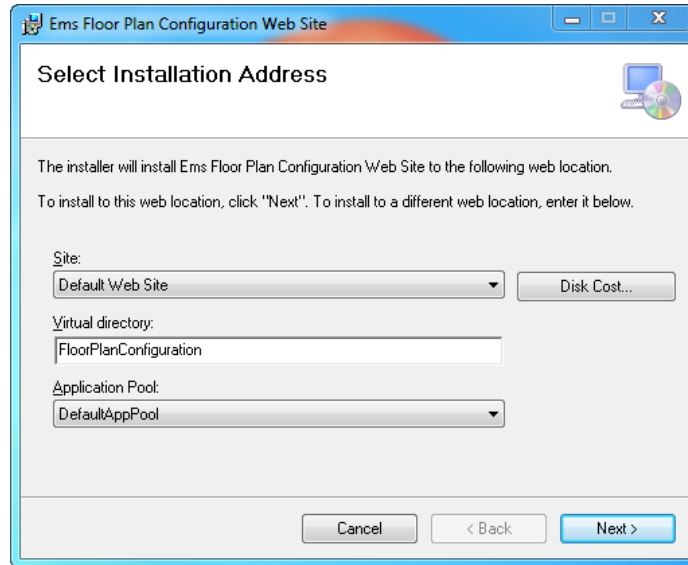
Your browser should return XML:

Installing/Upgrading the Floor Plan Configuration Tool

Important: Before beginning the installation process, please manually **<u>uninstall</u>** any previous versions of the Floor Plan Configuration Tool on your web server.
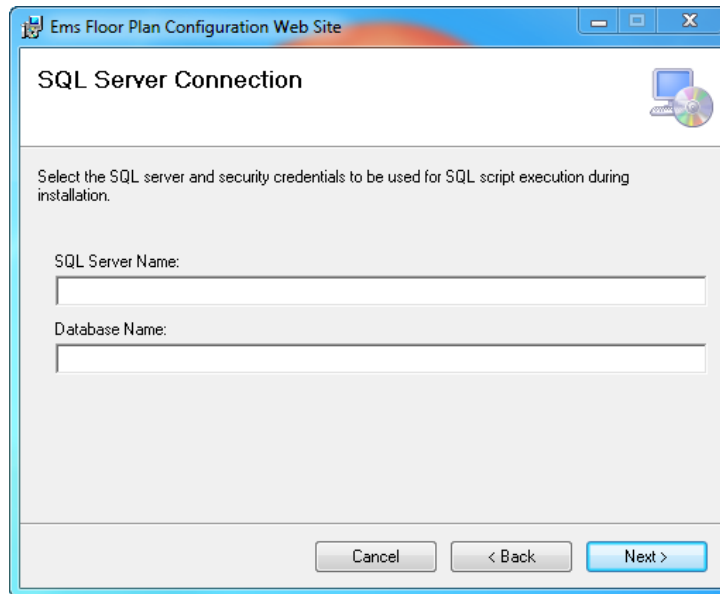
1. Run **EMSFloorPlanConfiguration.msi**.
2. The first screen welcomes you to the EMS Floor Plan Configuration Web Site Setup Wizard. Click **Next >** to begin the installation process. The *Select Installation Address* screen will appear.
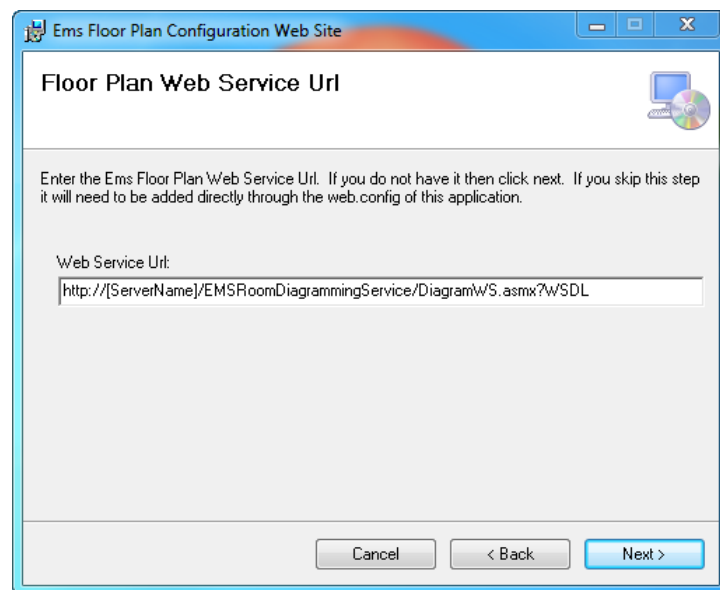

3. Select the Site, Virtual Directory and Application Pool. It is recommended that you keep the default settings. The installation process will create a Physical and Virtual directory on your web server named "EMSFloorPlanConfiguration" (or whatever value you entered in the Virtual Directory field.) Click **Next >**.

   Note: The EMS Floor Plan Configuration site should <u>not</u> be installed in the same Virtual Directory as other EMS web-based products.

4. The *Confirm Installation* screen will appear. Click **Next >**. The *SQL Server Connection* screen will appear.

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5. Enter your EMS SQL Server Name.
6. Enter your EMS Database Name (typically "EMS"). Click **Next >**.
7. The *Floor Plan Web Service URL* screen will appear:

8. Enter the URL of your Floor Plan Web Service (**step 10** in the Installing the Floor Plan Web Service section above.)
9. The *Installation Complete* screen will appear. Click **Close**.
10. After following the steps above, verify your installation by opening a browser and entering the following URL:

    http://[ServerName]/FloorPlanConfiguration (replace [ServerName] with the name of your web server)

EMS Configuration Steps

1. Within EMS, upload your floor plan indicators and floor plans as outlined in the *EMS Setup Guide*.

   Note: Optimal floor plan image resolution is 1024x768. Valid file types are .png, .jpg, .jpeg, .jpe, or .jfif.

2. Using the Floor Plan Configuration Utility, map indicators to room locations on your floor plans. Instructions can be found in the *EMS Setup Guide*.
3. To enable the Floor Plan Module for use with Virtual EMS, go to ***System Administration > Settings > Parameters > Virtual*** and locate the parameter – '*Floor Mapping – Floor Mapping Web Service URL*'. Enter the URL of your Floor Plan Web Service (**step 10** in the Installing the Floor Plan Web Service section above.)
4. The **View Floor Map** Web Security Template Role must be granted (within ***Configuration > Web > Web Security Template***) in order for web users to see an interactive floor map on Virtual EMS.
5. To configure the Floor Plan Module for use with the EMS Kiosk (optional module), go to ***System Administration > Settings > Parameters > Virtual*** and locate the parameter – '*Floor Plans – Floor Plan Web Service URL*'. Enter the URL of your Floor Plan Web Service (**step 10** in the Installing the Floor Plan Web Service section above.)