Installation and Configuration of Forerunner Software Mobilizer

Please review the prerequisites before installation to help ensure a successful install. The instructions below provide step by step instructions on how to install and configure Mobilizer in most environments.

Prerequisites

The following software should be installed before installing Mobilizer. If you are a developer and plan to just use the HTML5 Report Viewer control you only need .Net 3.5.

- SQL Server Reporting Services (SSRS) 2008, 2008R2, 2012
- Microsoft .Net Framework 4.5 (If you do not have it you can install from here)
    - Microsoft .Net Framework 3.5, if you are only using the HTML5 Report Viewer control in your own application
- Access to the SSRS Database

    - Server name
    - Database name
    - DBO credentials
- Permissions to access the SSRS web Service (Usually http://ServerName/ReportServer)

Installation

After downloading ForerunnerMobilizerSetup.exe from https://ForerunnerSW.com/home/support

- Run ForerunnerMobilizerSetup.exe
    - This will install all of the files in the folder you specify (Usually \Program Files(x86)\Forerunner\MobilizerV1)
    - When install completes you can choose to launch the Mobilizer Configuration tool; it will run MobilizerConfigTool.exe from the Config folder.

Configuration

You must configure Mobilizer to before use. You may also change configuration options later using the configuration tool.

- Run MobilizerConfigTool.exe as the administrator, right click on the .exe, in the Forerunner\MobilizerV1\Config folder, and choose run as administrator
- *SSRS Connection Tab*
    - Specify the SSRS Database server name – this is the server that the SSRS database is on
    - Specify the SSRS Database name (Usually ReportServer) - this is the database the stores all of the SSRS metadata
    - Specify the Web Service URL for SSRS (Usually http://ServerName/ReportServer)
    - Specify credentials with DBO permissions to the SSRS database
    - Specify the Default Domain to use if the user does not provide one at login
    - If connecting to SSRS in SharePoint mode, specify the SharePoint Host name (Usually http://ServerName)
    - Click on the Test button to validate the database connection and the Web Service URL. A dialog will come up letting you know it has been verified.
    - Click the Apply button to save these settings to the config file. A dialog will come up letting you know when this is finished.
- *SSRS Extensions Tab*
    - This tab is optional.
        - If you choose you can install the rendering extensions on the SSRS server.
        - The licensing is validated on the SSRS server if the extensions are installed, otherwise it is validated where Mobilizer is installed
    - Specify the location of the SSRS installation
    - Click Add to copy the extension DLLs to the SSRS bin folder and modify the SSRS config files. A dialog will come up letting you know when this is finished.
    - Click Remove to remove the DLLs and config file entries

- o Add/Remove will restart report server
- *Web Server Tab*
  - o You may either install mobilizer in IIS or UWS. If you do not have IIS installed or are not sure, we recommend installing UWS as it is much easier to install and configure than IIS
    - UWS is an open source web server that is included in your Mobilizer installation
    - To install UWS click in the Install UWS button
    - This will run the UWS Setup, follow the instructions to complete the installation of UWS
  - o Choose either IIS or UWS for your Mobilizer application
  - o Specify the Site Name for you Mobilizer application, this is the name you will use to connect to the service I.E. http://ServerName/**SiteName**
  - o Specify the port you want the Mobilizer application on (Usually 80 which is HTTP)
  - o Specify if you would like Windows Authentication or Forms Authentication
    - **Windows Authentication**
      - Works well if you only use IE and Mobilizer is installed on the same server as SSRS
      - If Mobilizer is installed on a separate server from SSRS you will need to configure a Kerberos trust relationship between the servers
    - **Forms Authentication**
      - Works well for mobile devices and browsers other than IE
      - Also required if SSRS is on a different server than Mobilizer and you do not have Kerberos
  - o Click Apply to configure the Web Server
    - You only need to do this once. Once configured you will need to make any other changes using the administration tools that come with the Web Server
  - o Click Open Site to open a web Browser to the website you specified
- *Activation Tab*
  - o Specify the license key that was mailed to you (it is a 6 digit case sensitive key)
  - o If you do not have a license, click Get License Key to be taken to the Forerunner Software store website
  - o Click Activate to activate this key on this machine
    - Activate will activate and validate the license
  - o Optional actions
    - Click Merge to merge 2 licenses together
      - This is needed if you add more cores to the server or purchased the wrong number of cores
    - Click Validate to validate that you have a valid license activated on this machine
    - Click De-Activate to remove a license from this machine
      - To move the license to a different machine you must De-Activate the license on the machine it is activated on first
    - Click Copy to Clipboard to copy the signed license key data to the clipboard
- *Manual Activation and Validation*
  - If your server is not connected to the internet you will need to activate your license manually from a machine that does have internet connectivity. You will also need to validate the licenses if the license is a subscription or a trial license.
  - o *Activation*
    - Specify the license key that was mailed to you (it is a 6 digit case sensitive key)
    - Copy the Activation key to the clipboard and paste into the key field on https://forerunnersw.com/home/Activation
    - Click Process
    - Copy the Response to the Activation Result text box in the Configuration tool
    - Click Activate
  - o *Validation*
    - Copy the Validation key to the clipboard and paste into the key field on https://forerunnersw.com/home/Activation
    - Click Process
    - Copy the Response to the Validation Result text box in the Configuration tool
    - Click Validate