

**Description:** Guide to start using ICONICS MobileHMI

**OS Requirement:** Server 2003 x64/Vista x64/ Server 2008 x64/Windows 7 x64/ Server 2008 R2 x64

**General Requirement:** Windows Phone with Windows Phone 7 Operating System

## Introduction

MobileHMI is the next generation HMI/SCADA mobile application for industrial, manufacturing and building automation using the Windows Phone technology. MobileHMI is an application developed to allow access to operational information from anywhere and at any time. Leveraging the capabilities of the ICONICS platform technologies for HMI/SCADA and Analytics, MobileHMI will bring a new level of flexibility to any MobileHMI or SCADA installation. With the ability to launch GraphWorX64 displays, real-time and historical trends, navigate the Asset Catalog, monitor alarms and subscribe to push notifications for alarms, MobileHMI gives users control of enterprise scale operations from a Windows Phone.

The MobileHMI product can be installed separately as a stand-alone product or it can be used with ICONICS GENESIS64 or ICONICS AnalytiX suites.

## Installation

The first step to start using MobileHMI is to install the MobileHMI product on a development server PC. For details about the installation procedure please refer to the product documentation located on the installation disk.

After you have installed the project development server you can start preparing your Windows Phone. In your Windows Phone simply navigate to the market place:

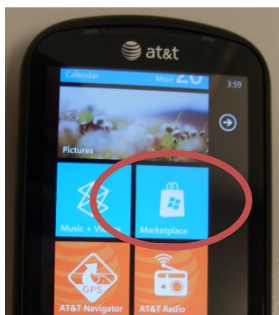


**Figure 1: Windows Phone Marketplace**

Then select “apps”, hit the search button and enter “ICONICS” or “MobileHMI”.

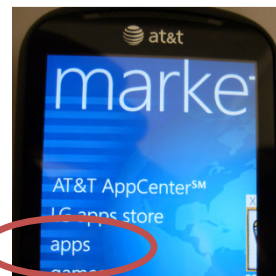


**Figure 2: Marketplace applications**

The market place will find the MobileHMI application.

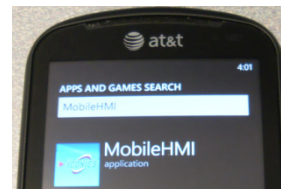


**Figure 3: ICONICS MobileHMI on Marketplace**

Click the MobileHMI icon and follow the prompt to “Install” . The process has been fully automated; it will download and install all necessary components. After it finishes it will leave your Windows Phone with the latest version of MobileHMI installed.

You may also want to decide to use the “pin to start” command on your Phone to have the MobileHMI application always available on your Phone start page.

## Connecting to sample project

After you have done the installation procedure, you can launch the MobileHMI application by taping the MobileHMI icon. After startup it will show a welcome screen.

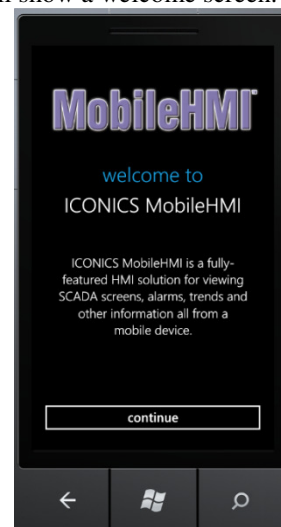


**Figure 4: MobileHMI Welcome Screen**

Click “Continue” and you will be asked for a URL address of your MobileHMI project. By default the [mobilehmi.iconics.com](http://mobilehmi.iconics.com) URL is filled in. Also note the check box to “allow push notifications for alarms”. With this checkbox enabled, you will receive immediate alarm status notifications to your Windows Phone.

**NOTE:** There is a limit of 500 push notifications per day.



**Figure 5: Connect to MobileHMI.iconics.com**

Click “continue” and the application will direct to the ICONICS MobileHMI sample server. You can change the server connection later, as to allow the operator to visualize and control multiple projects from the Phone.

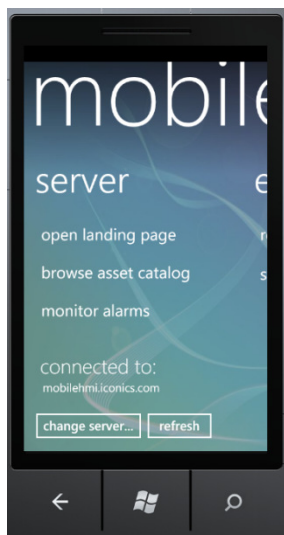


**Figure 6: MobileHMI sample project**

You will see three main options to be browsed:

- Open landing page
- Browse asset catalog
- Monitor alarms

Clicking any of these links will navigate you to predefined views on the example projects. ICONICS recommends that you browse through all of them to practice the MobileHMI navigation and explore the sample project.

For example clicking the “Open landing page” link can open a landing page of a project:

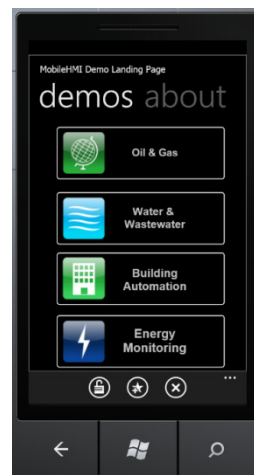


**Figure 7: MobileHMI landing page**

For more details about the ICONICS Asset Catalog, alarming systems, and graphical interface visit [ICONICS.com](http://ICONICS.com) or refer to the product documentation.

The next step is to create your own MobileHMI project on your development server. After you are done you will publish it to a web server using the integrated ICONICS tools.

For more details on developing and publishing your MobileHMI project please refer to the ICONICS MobileHMI product documentation and other application notes.