MobileHMI
Security Configuration

APPLICATION NOTE

October 2015

Description: A guide to configure ICONICS security settings for MobileHMI in Workbench for Desktop

Introduction

MobileHMI is the next generation HMI/SCADA mobile application for industrial, manufacturing and building automation. MobileHMI is an application developed to allow access to operational information from anywhere and at any time. 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 wide variety of mobile devices.

When configuring Security for MobileHMI, keep in mind:

- A layout created by the administrator is considered a "master" layout on the server
- For performance, all users will receive the master layout if you have not customized it (the server will read and cache only one copy)
- When a user customizes a layout, a personalized copy will be created on the fly on the server, and the layout on the client silently reloaded

This application note will walk you through the configuration of ICONICS security settings for the MobileHMI provider in Workbench for Desktop.

Configuring Security

1. Open Workbench for Desktop, go to the Security Provider.
2. Expand to see the Users node.
3. Right click on the Users node to Add User.
4. Give your new user a name (in this example we will use "TestUser").
5. Go to the Mobile tab, as shown in Figure 1.
6. Enter the name of a display that has been created and published for MobileHMI.

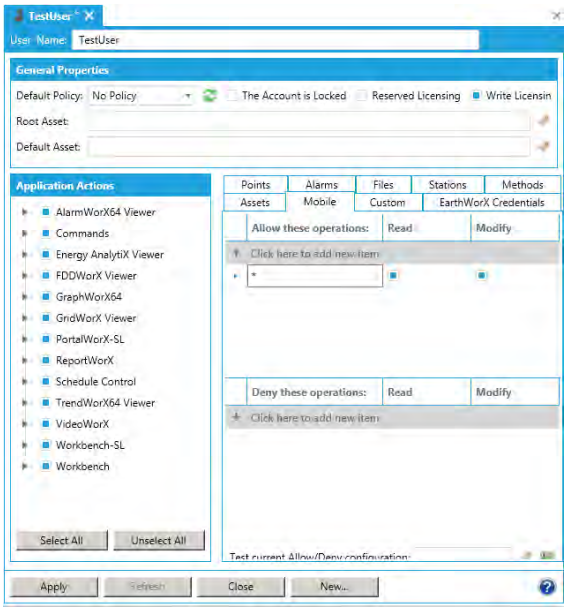

Figure 1 - Configuring Security in Workbench for Desktop

7. Check the option to Read so that TestUser may access the display.
8. Depending on the user, you can configure this user to use a Write license or a read only license. The way to change this would be to change the setting called "Write Licensing". If this box is unchecked, then this user will not be able to write to any points on your MobileHMI client.
9. Hit Apply.
10. You will then be prompted to specify and confirm a password as shown in Figure 2.

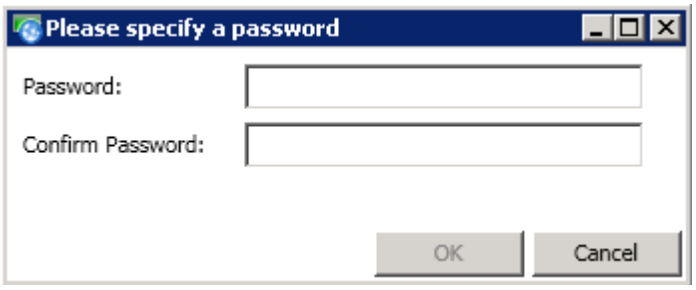

Figure 2 – Specifying Your User Password

11. You will then be prompted for your new Security Login credentials, as shown in Figure 3.

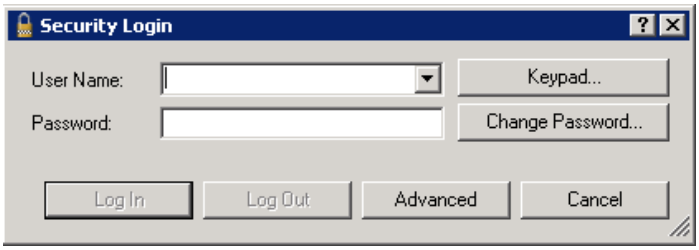

Figure 3 - Using Your New Credentials

12. Changes should take effect on the server immediately. You can then check your mobile device to confirm that this user now has access to this specific display.