WEINTEK LABS., INC.

# EasyAccess 2.0

Demo Project

## Contents

# 1. Overview and Operation

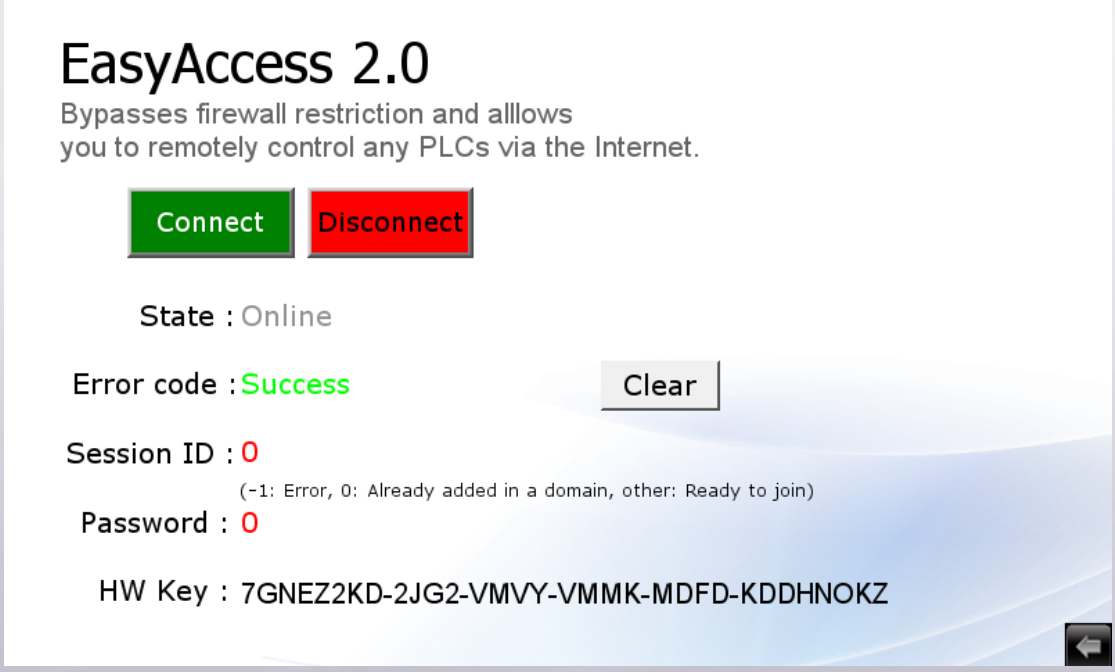
## Overview

This demo project introduces how to set up the HMI to use EasyAccess 2.0 service. This service is supported by EasyBuilder Pro V4.10.04 or later versions.

## Operation

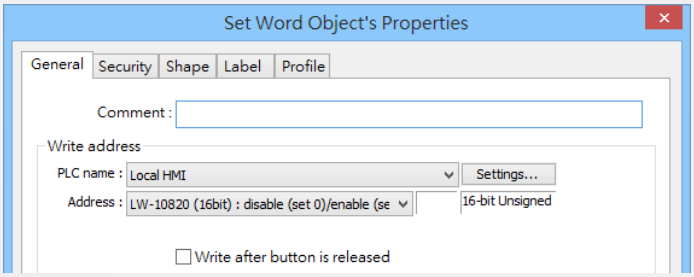
*Before* activation: Click Connect button to connect to EasyAccess 2.0 in order to obtain Session ID and Password.

*After* activation: Click Connect button to make the HMI go Online. Click Disconnect button to go Offline.



## 2. Setting up the Screen

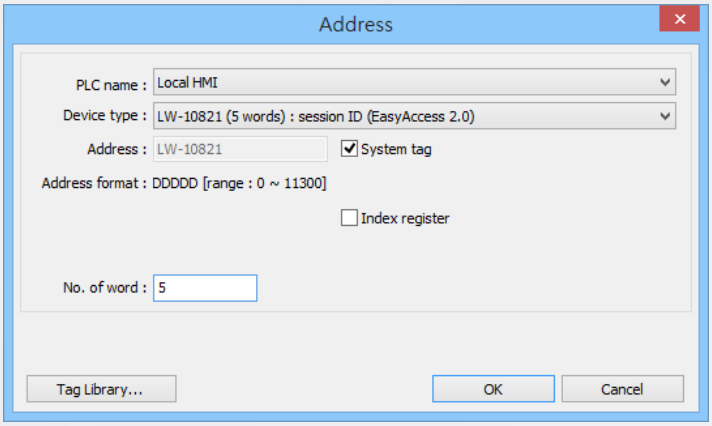
Step 1. Create Set Word objects; use system register LW-10820 for [Write address]. Write constant value 1 for the Connect button, and constant value 0 for the Disconnect button.




Step 2. Create Word Lamp objects; use system register LW-10828 and LW-10829 for [Read address], for Status and Error Code, respectively.

| Status | Error Code |
|---|---|
| 0: Disable<br>1: Offline<br>2: Online<br>3: Occupied<br>4: Download client update | 0: Success.<br>(Connection successful)<br>1: Not activated.<br>( EasyAccess 2.0 function is not activated on the HMI)<br>2: Log-in timeout<br>(Outbound connection is broken or the server is down)<br>3: Certificate expired<br>(License Key has expired. Please check with distributor.)<br>4: HMI client not ready<br>(Open and close client too frequently)<br>5: HMI client will update<br>(Update is downloaded and ready)<br>6: HMI client does not exist<br>(Client program does not exist in HMI memory) |

Step 3. Create ASCII objects; use system register LW-10821 and LW-10826 for [Read address], for Session ID and Password, respectively. For Session ID, the [No. of word] must be set to 5, to accommodate 10 characters.




Step 4. Create an ASCII object; use system register LW-11210 for [Read address]. This object displays HW Key, please set [No. of words] to 20.

Step 5. Finally, fill in the labels for each state and textual descriptions.

Note: When creating a new project file, you can use default template window #76 (EasyAccess 2.0) and #77 (EasyAccess 2.0 Proxy) to configure related EasyAccess 2.0 settings.

## 3. Addresses

The addresses of key objects used in this demonstration are listed below.

| Object | Address | Object ID | Description |
|---|---|---|---|
| **Window 13** | | | |
| **Set Word** | LW-10820 | SW_0, SW_1 | Button for Connect/Disconnect |
| **Word Lamp** | LW-10828 | WL_0 | Displays EasyAccess Status |
| **Word Lamp** | LW-10829 | WL_1 | Displays EasyAccess Error Code |
| **Set Word** | LW-10829 | SW_2 | Button for clearing Error Code display |
| **ASCII** | LW-10821 | AD_0 | Displays Session ID |
| **ASCII** | LW-10826 | AD_1 | Displays Password |
| **ASCII** | LW-11210 | AD_3 | Displays HW Key |