



IMRON UnityIS Web Integration to ELK's M1 Gold Panel

Overview

Using IMRON's award-winning web-based, security management platform, UnityIS Web, users can manage their ELK M1 Gold Security and Automation panels all within a single user interface using their favorite internet browser, from any internet connected device anywhere in the world.

ELK/UnityIS Web Integration Supported Feature Highlights

- Virtually Unlimited Number of Users for Card Access (Host Dependent)
- Arm/Disarm of Areas
- Activate/Deactivate Outputs
- Real-Time Status of Outputs/Inputs using Point Status
- Cross-Platform Activation using the Mercury Hardware Platform and Triggers / Macros
- Graphic Maps
 - Draw Shapes for Visual Status of Armed/Disarmed Areas
 - Manually Arm/Disarm Areas and Activate/Deactivate Outputs
 - Area Status Indication by Keypad (Armed, Disarmed, Not Ready)
- ELK Automation between Mercury Readers
 - Example: Valid Card Read from a Mercury Reader will Automatically Disarm the ELK Areas Associated with that Reader
- Unlimited Number of Events for Historical Reporting

Preparing ELK for UnityIS Web

Program your ELK controller(s) to send events automatically to the host.

1. Enter the Installer Programming Mode.
2. Press "ELK" Key + 9 (menu 9) followed by the right arrow key.
3. Enter the ELK M1 Installer Code when prompted.
4. Display should read "01 - Bus Module Enrollment".
5. Use the up-arrow key to scroll to Menu 07 "07 - Global System Definitions".

Note: You can also go directly by entering 07.

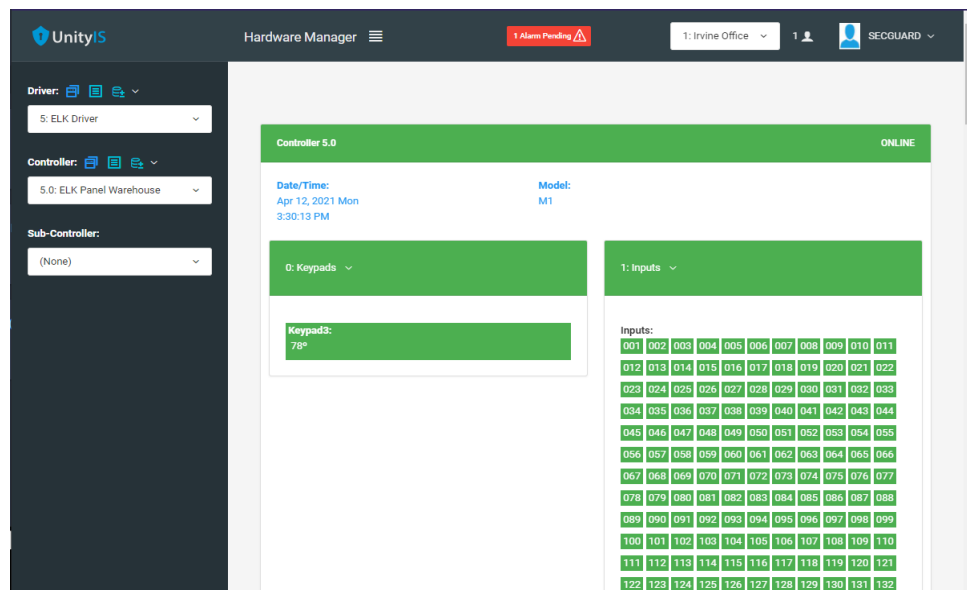
6. When the display shows Menu 07, press the right arrow key to enter this menu.
7. Use the up-arrow key to scroll to Option G35. Set this Option to "Yes" by pressing the right arrow key to place the cursor under "No" and then press 1 to change to "Yes".
8. Press the "ELK" key to move the cursor back.

9. Scroll up to review the settings for options G36, G37, G38, G39, and G40. Confirm that these settings are set to "Yes".
10. To exit the Programming Mode, Press the " * " Key.

ELK Set-up in UnityIS Web

1. From Hardware Manager in UnityIS Web, add a new ELK Driver, followed by an ELK controller.
2. Set the following ELK controller properties in Hardware Manager.
 - Connection Type: **4- Network (IP Server)**
 - Password: *Enter the applicable installer code for the panel*
 - IP_Address: *Enter the IP address of the panel*

Note: *Confirm that port 2101 is not blocked and the non-secure communication port is enabled using the Elk RPS software's MIXEP Setup.*
3. Start the ELK Driver. Upon successful communication between the ELK driver and the controller, the driver will import the following and update the status screen within a minute.
 - Keypad, Input, Output and Area Descriptions, as well as User Names.
 - **Note:** *The ELK Driver polls up to 32 ELK panels/controllers per driver. If you wish to poll more than 32 ELK panels/controllers, then please add another ELK driver on another PC.*
4. Once the import is completed, the time should update in the Controller Status Screen.



ELK/UnityIS Web Integration Support

- The Controller Status Screen in the UnityIS Hardware Manager will display all input and output status, along with temperature status of each keypad
- The Secured Areas module will display the inputs and keypads that are associated to assigned areas.
 - Areas can be Armed/Disarmed by clicking one of three buttons: *Arm Area*, *Disarm Area* or *Force Arm Area*
- The Control Points module will display real-time status of the relays.
 - Relays can be toggled using one of three buttons: *Activate*, *Deactivate*, or *Pulse*
- The Monitor Points module will display real-time status of the inputs.
 - Inputs can be toggled using one of two buttons: *Arm* or *Disarm*
- Graphic Maps allows ELK input, relay points and keypads to be plotted, displaying real-time status of each.
 - Relays can be toggled using one of three buttons: *Activate*, *Deactivate*, or *Pulse*
- The Event Manager and Alarm Manager modules will report ELK events, supporting over 500 different event types.
- The Triggers and Macros module can be used to create the logic “if this happens (the Trigger) then do this (the Macro)” for the supported ELK commands.
 - Command 34 (Burglar Alarm System Command) will allow you to pick an area to Arm/Disarm based on any trigger in the system.
 - Commands 2-4 will allow the control of any ELK relay.
 - Command 30 (Display Text on LCD Keypad) will allow a text message to be displayed either permanently or temporarily on any one of the 16 ELK keypads.
 - Command 36 (Voice Output) will allow voice messages to be played through the ELK voice module. Up to 473 prerecorded words can be used to generate a message that is 250 characters in length.

For More Information and Product Demonstrations

Please contact IMRON Sales at sales@imron.com or call us at 949-341-0947