Symetrix

Intelligent Modules

OVERVIEW

Symetrix Intelligent Modules expand the capabilities of AV environments by providing customizable control of certain Symetrix and third-party products and offering powerful manipulation of control data within sites. Like any other software module that operates with the Symetrix Composer design, configuration, and control software application, Intelligent Modules are easy to use and can be created by system designers or imported from the Symetrix library of existing solutions.

Comprised of a custom control view and a script written in Lua, users interact with controls to trigger functionality in the script. The script can communicate with hardware components via TCP, UDP or HTTP, permitting users to monitor and control target hardware. Intelligent Modules can also interact with other modules in designs through input and output control pins.

What exactly is the intent of Intelligent Modules?

Intelligent Modules are most often used to control third-party hardware, allowing all types of products to act like a native device within the Symetrix ecosystem. They can also be used to solve complicated logic problems to deliver almost any functionality imaginable.

RESOURCES

Third-Party Control

Easily browse, download, and install approved AV solutions for Symetrix system integration. Some example use cases for Symetrix Intelligent Modules include:

- Camera Control Programming
- Call to Prayer System Automation
- Weather Display

Browse Control Library

Intelligent Module Self Creation

The best place to start is the dedicated certified training video series.
Get started with Symetrix training certifications

Beyond training there are pages of detailed information in the Composer Help File accessed from the Composer Help Menu.
Information Access

Intelligent Module Creation by Symetrix

The experienced team of Symetrix application engineers can craft custom Intelligent Modules designed to meet unique project requirements.

Symetrix offers fee-based Professional Services that leverage the experience and knowledge of Symetrix Applications Engineers to provide specific engineering and technical support for any type of customer project. Symetrix Professional Services include Site File Programming, Custom Intelligent Module Creation, and Remote or On-Site Commissioning.

The dedicated in-house team of Symetrix Applications Engineers can review system designs to ensure that the selected hardware will work seamlessly in projects. Symetrix will test and certify the third-party systems offering users the peace-of-mind that everything is approved by the original equipment manufacturer.

Symetrix Professional Services