

Aspect® Studio

DESCRIPTION

Aspect® Studio provides a graphical programming tool experience like no other. Acting as an integrated development environment for Aspect® products, Aspect® Studio contains an extensive library of logical and graphical widgets that are used to engineer a comprehensive area control and graphical user interface solution.

Using this highly intuitive software environment, users create and define all necessary elements for a project including network device and point programming, global control sequencing, historical trending, alarming, scheduling, as well as rich graphical user interface pages. Rapid engineering capabilities can be leveraged to minimise labour intensive steps. This includes mass editing options, .CSV import and export of networked devices and points, and the ability to create custom Device and Point templates.

As a project is created, you have the ability to evaluate your work through each step of the engineering phase using simulated data, as well as the ability to communicate with defined networks, devices and their associated points. Thorough testing prior to the deployment of a project can also be performed using a local simulation of the Aspect® environment. At commissioning time, Aspect® Studio reduces labour for technicians by automatically generating an HTML5 UI for all defined network devices, allowing smart phone and tablet users to gain access to the energy management system.

FEATURES & OVERVIEW

- **Extensive Library of Elements**
 - Supplied elements include more than 300 pre-defined functions across multiple categories, including: Logic, Maths, Time, as well as specialised functions for database and protocol-specific capabilities
 - Comprehensive library of design-based widgets for interacting with data from the energy management system
- **Rapid Engineering Capabilities**
 - Perform mass editing, duplication, and definition of network devices and points. Create device templates including points, trend definitions and other features for common equipment on a project
 - Create reusable components - allowing you to define your own standard code libraries for future work
 - Import and export information in .CSV format for editing in popular spreadsheet programs
- **Powerful Simulation Environment**
 - One-click toggle between simulated and live data; generic or user-defined simulated data on a per-point basis if needed
 - Work with live data from the energy management system while engineering when needed. Test your work in a localised version of Aspect® prior to deployment
- **Auto-generation of HTML5 Environments**
 - Using the point and controller configuration, Aspect® Studio will auto-generate an HTML5 UI, allowing smart devices to access device, point and historic data (e.g. trend, alarm, reports, etc.)
 - Requires no extra configuration to enable, minimal extra configuration to customize
 - Works with mobile devices & desktop browsers that support HTML 5
 - Supports all Aspect® products
- **Seamless integration with Unitron sites**
 - Integrates with existing Unitron installations via IP connection to UC32.netK Comms Controllers

ASPECT STUDIO

Studio



OPERATING SYSTEM

Windows® 10
Windows® 8
Windows® 7
Windows® Vista® Business (SP2 or later)
Windows® XP® Professional (SP2 or later)

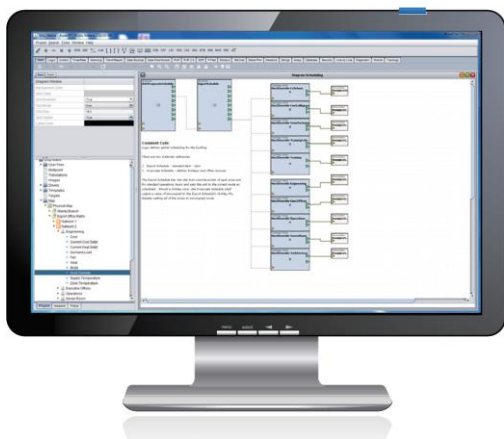
HARDWARE REQUIREMENTS

Intel® based Processor @ 2GHz or higher
(dual or multi-core recommended)
Available Ethernet connection
USB Port for software license key

LICENCING

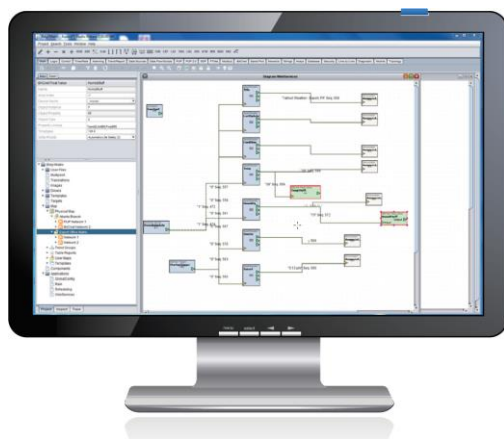
Aspect-Studio licenses are valid for a 12-month period from date of purchase.

ASPECT® STUDIO SCREENSHOTS



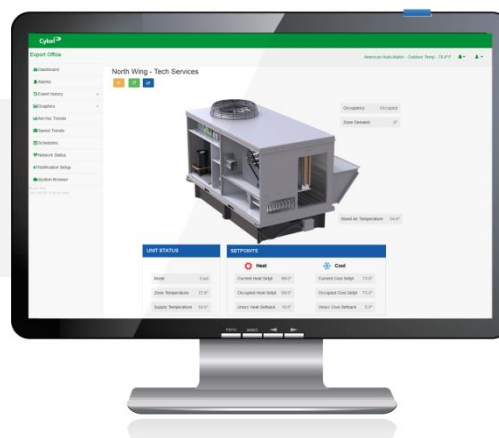
Using Cylon's next generation block programming language ViPR (Visual Programming Resource), any control scheme can be accomplished by simply linking blocks together in a flow-based method. This approach allows even novice programmers to design applications without having to write and debug line-by-line programming.

For advanced programmers, Cylon does support client-side based JavaScript blocks to allow free programming of sequences.



Aspect® Studio includes many intuitive features for easy programming, including a natively built-in simulation environment for testing applications prior to deployment, as well as high-level inspection features for finding and troubleshooting information in large projects.

Aspect® Studio is used to develop both global, area control logic (including alarming, trending, scheduling, interlocks, etc.), as well as rich graphical user interface pages viewable with any standard web browser across local area networks, wide area networks or even the internet.



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