

# ASPECT

## Facility

### AspectFT- Facility



#### Hardware Specification

Intel-based Dual Core CPU @ 1.8Ghz 1GB RAM, 64GB SSD  
ATOM Processor

#### Communications

10/100/1000 MB Ethernet Port  
RJ-45 Connection

#### Operating System

Embedded Linux OS  
Java Virtual Machine (JVM)  
AspectFT Runtime Engine



#### Description

As a member of the AspectFT family of products, AspectFT-Facility is a hardware platform designed to provide centralized server capabilities to facilities containing multiple AspectFT-Matrix or IP enabled devices. Through use of AspectFT-Facility, users gain centralized web access, large historical database storage as well additional capabilities to provide flexible building automation and control routines. Through use of AAM's Facilitating Technology (FT), AspectFT-Facility provides a powerful hardware platform with sufficient resources and storage to manage an entire network of AspectFT products. Big things really do come in small packages...

#### Features

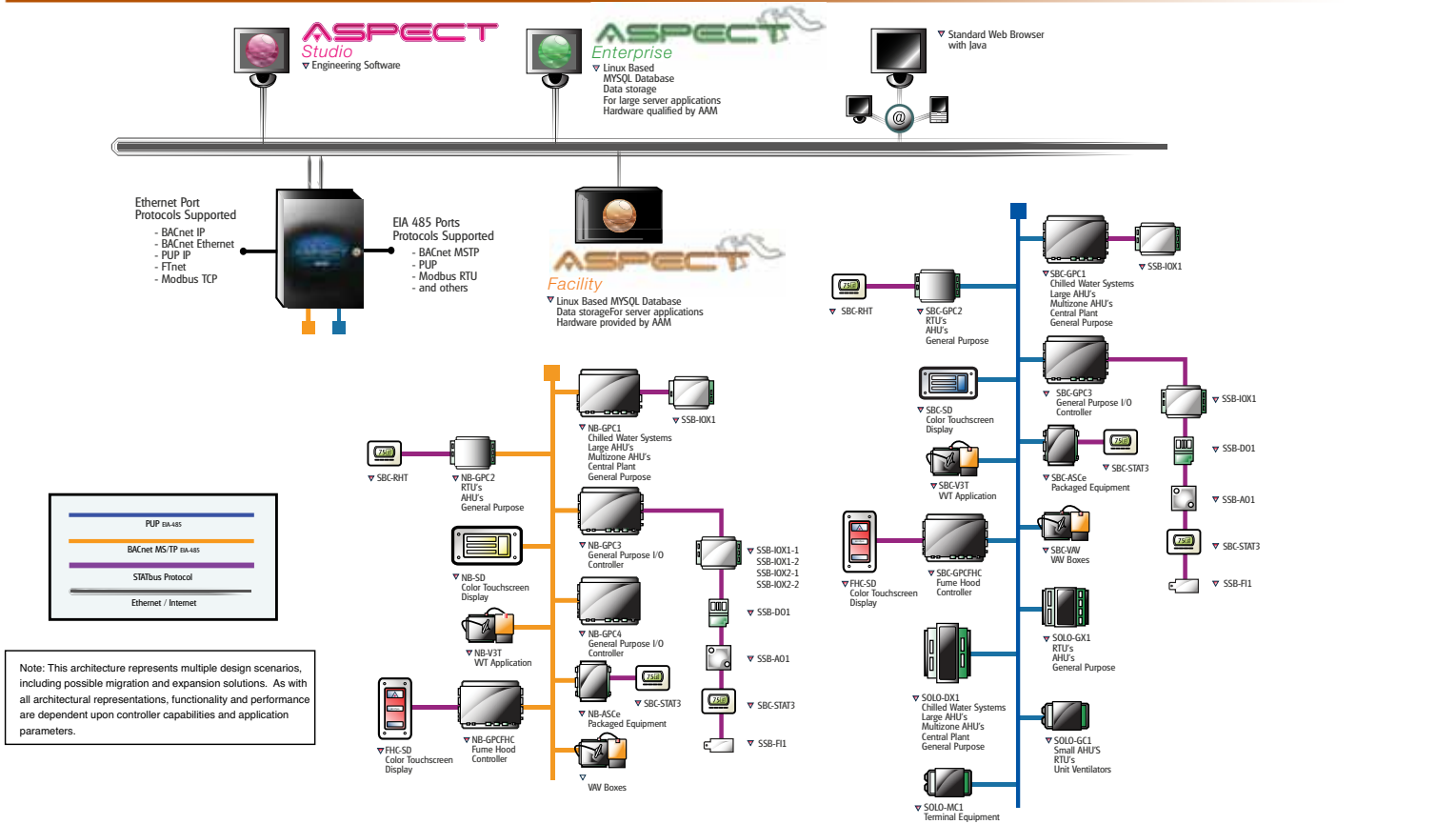
- Provides the ability to manage an entire network of AspectFT products.
- Capable of acting as a centralized server; providing web, data, and other important building automation information from one single point of entry.
- Integrated MySQL Database server; used to store all historic data as well as provide third-party interfaces with data from the building automation system without the need for special add-on protocol drivers.
- Comprehensive user and group-based security.
- Java-based graphical user interface, accessible from most standard web-browsers. Does not require a proprietary software plug-in.
- Licensed to communicate with up to four Matrix Area Controllers via the FT-net protocol.
- Master Schedule and Calendar implementation – can interact with iCalendar format tools such as Microsoft Outlook 2007, Google Calendar, and other popular programs.
- Simple Mobile Web access - provides mobile (cell phone, PDA, etc.) web access to building automation data.
- RSS Feeds (Real Simple Syndication) - can be enabled to send data points to an RSS Feed Reader. (Logon to the Toolbox to download AAM's Aspect Viewer)
- SDP Driver - integrates with American Auto-Matrix SageMax legacy area control devices.
- USB modem connectivity.

**(Continued) Features**

- Provides supervisory based control functions similar to other AspectFT products – including but not limited to energy management routines, custom sequencing, alarm and event annunciation, historical alarming and trending, and master control scheduling
- Robust hardware design utilizing a secure and reliable Linux OS foundation – eliminating the need to maintain or implement security policies (virus scan, firewall, etc.).

Part Number	Description
ASPECT-FAC-SRVHW	AspectFT Facility Server with communication up to 4 other FTNet devices (incl. Server Hardware).
ASPECT-FAC-UPGR	AspectFT Facility Server Upgrade for communication to an additional 5 FTNet devices.

**System Architecture**



**Specifications**

- Ethernet Network**
- Termination Count: 1 connection
  - Connection Type: RJ-45 female
  - Speed: 10/100/1000 MB auto-sensing
- Product Setup and Configuration**
- Software: Aspect Studio with USB Copy Protection Key and License file
  - Browser: Windows Internet Explorer v7.0 or later, Mozilla Firefox v3.0 or later, Apple Safari v3.2 or later, Google Chrome v1.0 or later
- Power Requirements**
- Power Source: 115VAC (95VAC to 190VAC) or 230VAC (190VAC to 264VAC)
  - Input Frequency: 47Hz to 63Hz
  - Line Protection: 5A
  - Power Connection: IEC 320-C14 Socket
  - Required Mating Cable Connection: IEC 320-C13 Plug
- Operating Conditions**
- Operating Temperature: 32°F to 122°F (0°C to +50°C)
  - Storage Temperature: -4°F to 149°F (-20°C to +65°C)
  - Operating Humidity: 10 to 90% RH non-condensing
  - Storage Humidity: 5 to 95% non-condensing
- Dimensions, Weight & Mounting**
- Approximate Dimensions: 10" x 9" x 3.5"
  - Approximate Weight: 7 lbs. (does not include shipping material)
  - Mounting: Wall mount or Desktop placement
- Safety**
- UL 60950-1, 1st Edition, 2007-10-31 (IT Equipment - Safety - Part 1: Gen. Requirements).
  - CSA C22.2 No. 60950-1-03, 1st Edition, 2006-07 (IT Equipment - Safety - Part 1: Gen. Requirements).
  - EN 60950-1 : 2001, (IT Equipment - Safety - Part 1: Gen. Requirements).
  - CE Compliant
- Electro Magnetic Compliance**
- EN 61326-1-2006
  - EN 55011
  - EN 61000-3-2
  - EN 61000-3-3
  - Code of Federal Regulations 47 Part 15, Sub Part B, Class B (FCC)

American Auto-Matrix is a Service-Disabled Veteran-Owned Small Business / Woman-Owned Business (CCR Cage #4LL80)

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