



eBuilding is a suite of software that gives the MAXXESS eFusion product the ability to receive and send data to systems that use common OPC based protocols. Sending and receiving this data enables eFusion to correlate events from its wide range of systems and functions with those of the Building Management System and other systems using protocols such as BacNet, LonWorks, Modbus and others that can coordinate with OPC. This gives eFusion the ability to create scenario-based logic to fine tune security functions, facilities management functions, energy utilization and a wide range of outcomes.

The MAXXESS eFusion system creates a library of data elements or “tags” that exist within each interoperable system. The “tag” state is then acted upon at the configured threshold- whether on or off, or at a particular numeric value, schedule or other user configured sequence.

Some Benefits of eBuilding are:

- Lighting and HVAC consumption linked to occupancy
- Detection and control of airborne threats
- Unified reporting of systems functions
- Energy reduction
- Demand based consumption
- Multiple notification processes
- Monitoring of critical systems
- Notifications on key events

eBuilding, by bringing all of your systems and controls together, takes full advantage of the leading open system protocols. We expand the boundaries of Building Management and Automation – Enhance the value of the following systems:

- HVAC systems
- Lighting solutions
- Utility monitoring
- Security systems
- Life Safety systems
- Environmental controls

eBuilding can reduce the overall operational costs by reducing the need for duplicate user interfaces for managing the daily schedules, changes and other incremental updates necessary for a single user interface.

eBuilding

Requirements:

COMMUNICATION SERVER REQUIREMENTS:

BASIC REQUIREMENTS

- Pentium 4@ 3.2 GHz or higher
- 2 GB RAM minimum • 40 GB minimum hard disk
- Ethernet card

For a generic connection to an existing OPC server, like BMS (e.g. JCI, Honeywell, Andover, TAC, Invenys , Siemens) or any other OPC compliant system, use the standard eBuilding software module.

If you are using eFusion as the OPC server and it requires a custom connection to the hardware layer, please contact factory for details.



MAXXESS

MAXXESS Systems, Inc.

Headquarters

1040 North Tustin Avenue
Anaheim, CA USA
92807

Tel 714 772 1000
800 842 0221
Fax 714 399 9358
Email sales@maxxess-systems.com

Service & Technical Support

Tel 714 772 1000
800 842 0221
Fax 714 399 9358
Email support@maxxess-systems.com

MAXXESS Systems Europe, Ltd. Europe, Middle East, Africa

200 Brook Drive,
Green Park, Reading,
Berkshire, RG2 6UB
United Kingdom

Tel +44 (0) 1344 440083
Fax +44 (0) 1344 325050
Email sales@maxxess-systems.com

www.maxxess-systems.com

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