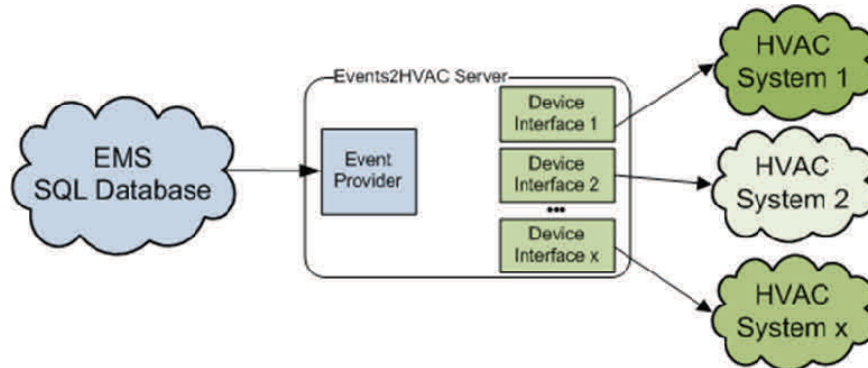


## Dean Evans EMS<sup>®</sup> Event Provider



Shown using EMS SQL Interface

### BENEFITS

- All HVAC schedules entered in one place
- Transparent scheduling of energy and security for the room
- Saves energy and scheduling labor

### SUPPORTED PRODUCTS

- EMS Lite
- EMS Professional
- EMS Enterprise
- EMS Workplace
- EMS Campus
- EMS Legal
- EMS District

### SYSTEM REQUIREMENTS

- SQL connection from the EMS database to the Events2HVAC application
- SQL login credentials for the EMS database with at least dataReader permission and login access to the database.
- SQL Server 2005/2008 R2 or SQLExpress 2005/2008 R2
- Microsoft .NET Framework v3.5 SP1
- (Optional) Web services API v1.1 instead of SQL connection

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### Dean Evans EMS<sup>®</sup>

EMS is a powerful room scheduling software for managing meetings, events, classes and more that take place in one facility, several dispersed buildings, or an entire campus. It uses a three-tiered approach to handling reservations. The three levels are: (1) reservation, (2) booking, and (3) booking detail. By dealing with your data on these three levels, EMS allows you to create new reservations or access and modify existing reservations quickly and efficiently.

There are several versions of EMS available to fit the needs of various facilities, from college campuses, to law firms, to K-12 school districts. Events2HVAC is compatible with all versions of EMS, enabling HVAC systems to be automatically controlled based on EMS room schedules.

\*Dean Evans EMS is a separate purchase, please contact Dean Evans & Associates for pricing.

### Events2HVAC EMS Event Provider

The EMS event provider is a software component that links from the Dean Evans EMS application to the Events2HVAC application. Events2HVAC will periodically query the Dean Evans EMS database at custom intervals to determine the events that are scheduled for the day and which rooms will be used for those events.

Events that are using rooms that have been mapped to specific equipment in Events2HVAC will automatically create command actions to be executed when those events take place.

This component also provides on-demand access to the event schedule information so that Events2HVAC users can see the event calendar without direct access to the Dean Evans EMS client.

The EMS event provider component was specifically designed to interface to the Dean Evans EMS software. It supports all editions of Dean Evans EMS (Lite, Professional, Enterprise, Workplace, Campus, Legal, and District).

### Action Triggers

Events2HVAC uses event triggers to initiate actions in the BAS/HVAC systems. These triggers are dictated by the EMS system's event start and stop times.

Here's how Dean Evans EMS event time fields correspond to Events2HVAC triggers:

EMS Fields	Events2HVAC Triggers
Event Start	Event Start, Event Setup End
Event End	Event End, Event Teardown Start
Reservation Start	Event Setup Start
Reservation End	Event Teardown End