

## BACnet Server for MICROS FIDELIO Hotel Booking system

**BAC-FIDE-001**

The software solution allows BACnet Clients to communicate with the MICROS Fidelio Hotel Booking System.

With the fully featured driver all relevant data regarding the room status, equipment and guest information can be shared between the building automation BACnet Clients systems and devices and the hotel booking system. The software solution comes complete with a logging facility, monitoring window and engineering guidelines.



### Features and functions

#### Fidelio supported functions

The Software driver supports the start up functions LS [link start], LA [link alive], LE [link end] and DS [database sync] and the GI [guest in], GO [guest out] features. Other features such as RE [Room Equipment], XL [Guest Message] and LR [Locator] are also available.

#### BACnet Server supported functions

Network support for BACnet/IP, BACnet Ethernet, MS/TP, etc.  
 Database capacity of up to 10,000 data-points.  
 Supports all standard objects and all major services.  
 Supports of 3<sup>rd</sup> Party Communications include RS232, RS485  
 Target Hardware, PC or INTEGRATED Embedded Controller

#### Engineering

The Solution simplifies BACnet and Fidelio engineering by automatically creating the necessary maintenance BACnet Objects and all Room Objects.

#### Start-up routines

Conforming to the Fidelio communications routine the driver will initiate communications and inform the hotel booking system regarding the required information. The driver will then request a database synchronisation to ensure the BACnet Object status.

#### Object Data-point Mapping

The Fidelio room allocation and status information is received by the driver on start-up and on any change. This information is mapped to the relevant BACnet Objects. Detailed information is found in the engineering guide.

#### Heartbeat

In the driver solution includes a heartbeat feature – broadcasting to the Fidelio System on a regular cycle. Failure of a response is logged and represented on the monitoring window.

#### Logging facility

In order to ensure recorded information, a logging facility is included with the solution. This feature can be enabled or disabled as required.

#### Monitoring window

A monitoring window is included in the foundation option. The page includes graphic control functions for the software driver, graphical representation of room status objects and monitoring objects for the interface.

### Product Ordering codes

<b>BACnet Foundation driver</b>	BAC-FIDE-001
<b>PC - Fidelio Cable</b>	IPC-FIDE-CAB
<b>Extended Monitoring windows</b>	OPC-FIDE-GRA
<b>Server hardware option</b>	EXT-ANYD-361