

PRODUCT

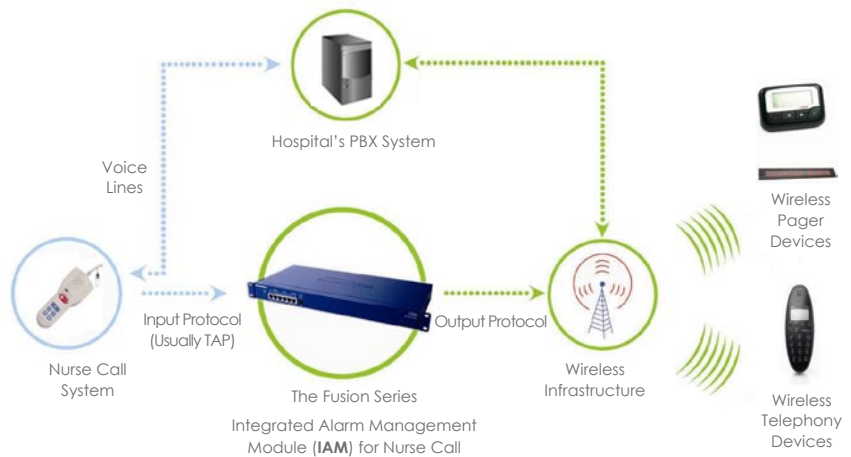
IAM

(Integrated Alarm Management Module) for Nurse Call

fusion



-  **Connectivity to Nurse Call Systems**
all commercially available systems
-  **Communication Device Interoperability**
including most wireless telephony devices
-  **Embedded Network Appliance**
no server or PC necessary
-  **Automated Callback to Patient Speaker***
**dependent on nurse call system*
-  **Web-Based Architecture**



Improving Response Times to Patient Needs

Integration of nurse call systems with wireless telephones is one of the most prevalent initiatives for hospitals and nursing directors because it improves staff productivity, reduces response times to patient requests, and helps increase overall patient satisfaction.

If a caregiver carries a wireless telephony device, a voice conversation can be established with a patient in a matter of seconds. As one button press establishes a real-time voice path with patients regardless of caregiver location, the number of required steps for nurses to provide care is reduced significantly.

No PC or Server Necessary

The Fusion Series IAM is a network appliance with a standard industrial 19" rack mount enclosure to fit easily in most environments. This self-contained architecture does not require a PC or Server and results in a lower total cost of ownership and ongoing support considerations.

How It Works

Once a patient call is placed, the patient request or alarm is sent from the patient room to the nurse call system, which in turn interprets the data to determine who should receive the information. Once identified, the information is then routed from the Fusion Series IAM for Nurse Call to accept the data and instantly route the alarm or event to the appropriate device.

Room/Bed Number and Priority Level are typically displayed on the mobile device, detailing call information for the caregiver. The nurse can then choose to accept or escalate the call, or with the touch of a button, automatically connect to the patient speaker.

Point-of-Care Connectivity

Real-time alarm management of point-of-care systems such as nurse call is enhanced via the Fusion IAM Series by routing real-time alarms and events to ensure patients are serviced promptly and effectively. Clinicians are enabled to better meet the increasing demands of their patients, from routine patient calls to mission-critical Code Blue alarms.



Technical Specifications

Integrated Alarm Management Module for Nurse Call

Equipment Type	Messaging Control Module With Paging Encoder
Languages Supported	English, Spanish, Mandarin
Power Supply	110/240VAC 50/60Hz 25W Max
External LED Indicators	Power, IP Link, IP Activity, TX Ptt, TX Data, RS232/485 TX, RS232/485 RX, Modem
External Connectors	Ethernet: RJ45f 10/100 Mbps. 4 Ports Max POCSAG: RJ45 with RS232 Level POCSAG Output Serial RS232D: 3 x RJ45 300-115200 bps Serial RS232/485: RJ45 Modem: RJ12. 300-115200 bps Power: IEC Mains Socket (Rack Only)
Internal Transmitter	None (External Transmitter Must Be Placed Away From This Device)
Recipient Capacity	1,500
Group Capacity	Up to 25 Members per Group
CC/Opto Alarm Capacity	1000 Max
Escalation Capacity	10 Steps Max, 65535 sec Max Between Steps
Canned/Common Messages	100 Max
3rd Party System Integration/ Input Protocols	TAP (PET / IXO), ADM/AIM, Scripting, SMTP (Email), SMS
Communication Device Support/Output Protocols	Spectralink, Kirk, LED Marquees, POCSAG, TAP (PET/ IXO), SMS, SMTP, SNPP, WCTP Logging, Scripting
Alarm Programming	Normally Open, Normally Closed, State Change Initial Delay (65535 sec Max) Escalation Delay (65535 sec Max) Escalation Repeats (100 Max)
Dimensions	Standard 19" Rack Case 439 x 205 x 44 mm / 17.3 x 8.1 x 1.7 inches (Minus Rack Ears) Plastic Version 73 x 216 x 254 mm / 2.9 x 8.5 x 10 inches
Weight	Rack - 1.2 kg / 2.7 lb Plastic - 600g / 1.3 lb
Operating Temperature	0 °C to 50 °C (32 °F to 122 °F) (20-90% RH Non-Condensing)
Storage Temperature	-10 °C - 60 °C (14 °F - 140 °F) (10-95% RH Non-Condensing)
Approvals	FCC, CE, C-tick, ROHS, IC, EN60950
	<i>*Call for your language addition</i>



System Administrator User Interface

