TACERA

NURSE CALL SYSTEM

Tacera is an IP Nurse Call and Clinical Communications platform that offers superior flexibility to support your processes and the way your caregivers work.

HOSPITAL AND AGED CARE

Tacera links caregivers and patients in real-time, enhancing the information available to staff while increasing the quality and experience of patient care.

IP-Based Nurse Call System

Tacera is a true IP solution where all system components are fully IP configurable and have their own unique address. The IP Nurse Call and Clinical Communications platform offers superior flexibility to support processes and the way caregivers work.

Scalable and Future Proof

Tacera open architecture has the ability to be fully integrated with new and existing software, and middleware within the IT infrastructure. This gives the system unrivalled scaling capability without impacting service availability.

For added flexibility, Tacera utilizes PoE devices in the rooms, which allow both power and data to be delivered over the existing Ethernet cabling in a unified infrastructure.

Tacera also uses standard 19" rack mountable controllers and servers, giving the IT team peace of mind that the system can continue to be upgraded.

Tacera Deployment

Deployment scenarios differ depending on the unit and type of room configuration. An entire room can run off of one single POE cable. The patient station is the controller for everything in a given room allowing for significantly less cabling required to deploy an Austco system. For maintenance, if a device needs to be replaced, only that one room is affected. There is no need to take down entire blocks of rooms in order to replace a single device in a single room.

The Tacera system resides on a network completely isolated from the facility network. Software applications, integrations, web services and reporting are all run on virtualized servers, often times on a single virtual host.
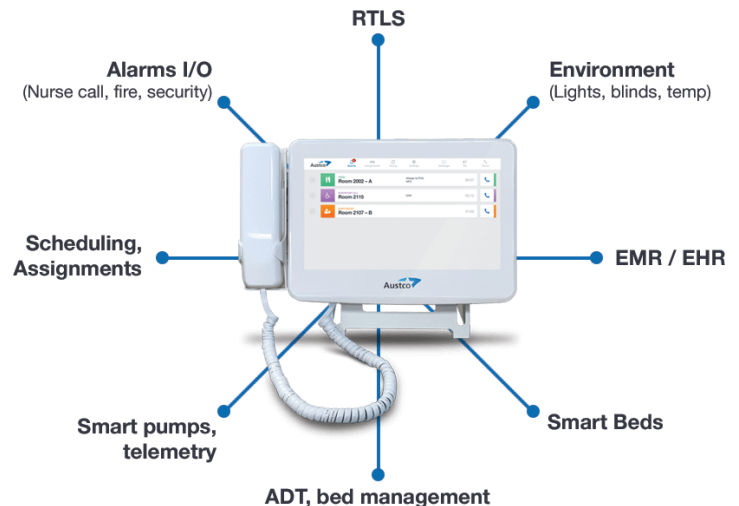
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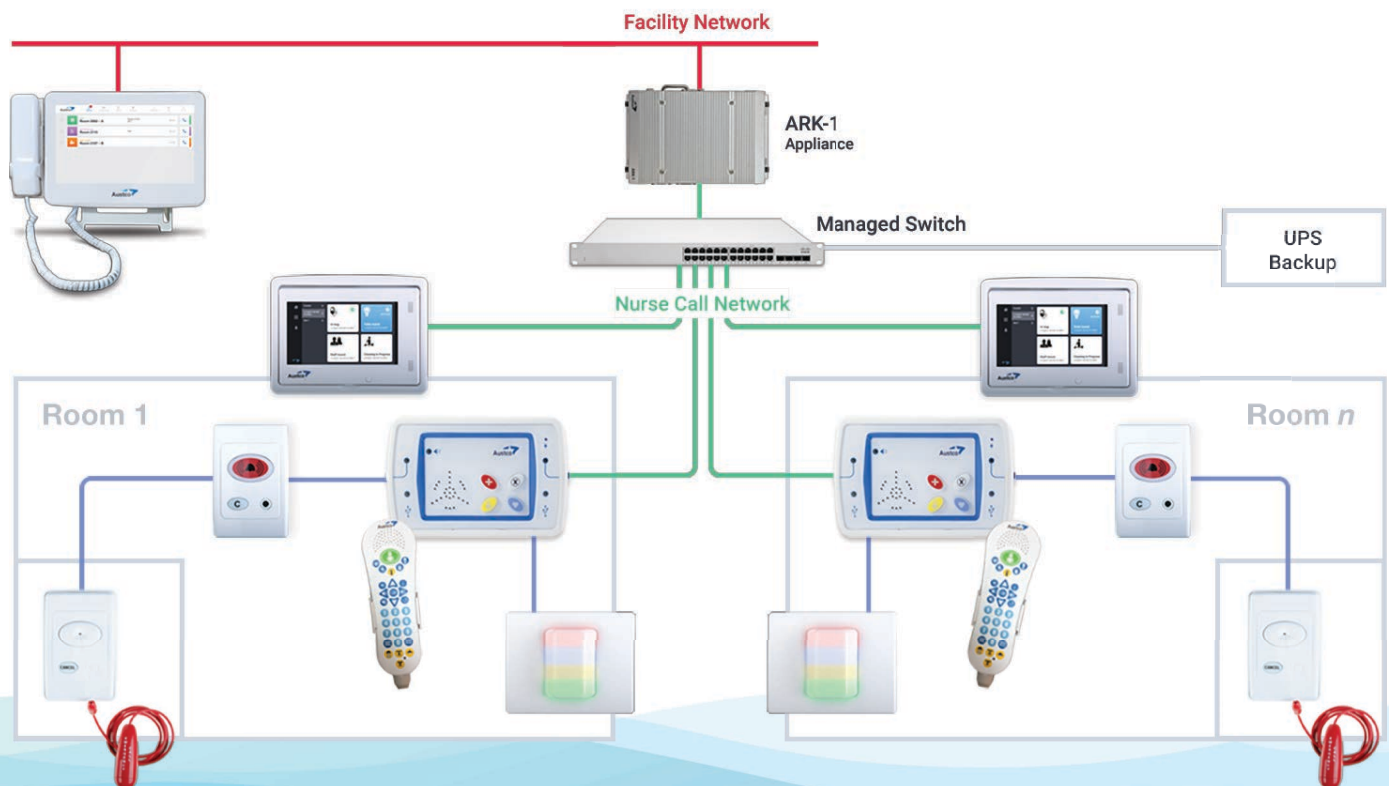
The Key to True Interoperability

The Tacera software suite acts as a communications platform, not just nurse call system. Tacera works with major hospital and facility systems to support and enable interoperability. Integrations with any clinical, facility, or 3rd party systems are developed quickly.

An Application Programming Interface (API) is a direct point of integration with third party systems. Austco's API is a set of tools to interact directly with the nurse call system.

In the nurse call industry, there used to be a race to see which vendor had the most integrations with the most systems. With our API, Austco enables quick integrations with any system quickly with our Web Services open API.

Our philosophy is to integrate with any system our clients require. Our web services API ensures we can import and export data from other systems using standard communication protocols, with no middleware required.

RTLS
Alarms I/O (Nurse call, fire, security)
Environment (Lights, blinds, temp)
Scheduling, Assignments
EMR / EHR
Smart pumps, telemetry
Smart Beds
ADT, bed management

API Components

Input Alarms

Inject alarms into the nurse call system from other systems like Fire, Security, Wander, Duress, and more. If you have a location, a type, and start/end times, you can inject the alarm and display it through the nurse call infrastructure. Acknowledge, reject, and escalate individual alarms.

Export Alarms

Pull active alarms from the nurse call system into other systems. Use a web socket connection to receive a constantly-updating feed of active alarms. Use them in your custom applications, census boards, home-grown analytics, etc.

Signal Events

Use the API to handle button presses on Austco handsets. Intended for integration with Building Management Systems, the feature allows patients to control the room environment with no relays or extra wiring. Control lights, blinds, thermostat, or custom map a button to do a certain thing.

Compatible Systems

RTLS

Notification Devices

Facility Alarms

EMR / EHR

Building Management

Patient Administration

Patient Entertainment

Pulse Reports

Enterprise reporting and analytics platform

Powerful business intelligence tools collect and analyze nurse call data, helping caregivers and clinical leadership optimize costs and streamline workflows.

Pulse Reports combine two enterprise applications into one:

REPORTS
An advanced **reporting engine** with multiple, templated reports that can be filtered, customized, exported, and automatically emailed.

DASHBOARDS
A sophisticated **healthcare dashboard**, with widgets displaying Key Performance Indicators (KPIs) that monitor alarm activity at any level: from individual call points all the way up to the entire healthcare system.

DEPLOYMENT

Full Installation
For those who want the full graphical user interface (GUI). Once installed, users can browse to the web portal on any modern browser.

Data Only
If a facility is using a 3rd party Business Intelligence or analytics tool, or has built their own in-house, they may only need the alarm data.

Cloud Data
In both scenarios, the reporting database can live on-site, at a data center, or in the cloud.

About Austco

Established in 1986, Austco builds the most advanced nurse call and clinical communications technology in the world.

Austco has grown to over 5000 installations in more than 60 countries. We've built a reputation for state-of-the-art hardware, software-driven innovation, and excellence in customer service.

With solutions designed to comply with global Healthcare standards, Austco aims to maintain the highest level of integrity and dedication, using reliable hardware and forward-thinking solutions, to help our customers improve efficiency, cut costs and successfully meet requirements of duty of care.

Austco maintains offices in the USA, Australia, Canada, New Zealand, Singapore, the UK and Latin America.

In addition to our worldwide staff, Austco utilizes an extensive network of partners and resellers spanning over 60 countries and supporting thousands of installations.

We also offer global support teams in both the eastern and western hemispheres.

For more information, please locate your local Austco representative by visiting:

www.austco.com