

IP CONNECT SERVER



The IP Connect Server is the heart of a TACERA Nurse Call System. It connects and controls the Nurse Call devices, IPnet Routers, Nurse Stations, Annunciators, transmitters and wireless devices that form a modern Nurse Call system with messaging and workflow solutions.

Based on Intel and Linux technology

Integrates a wide range of hardware, software and database systems

Provides scalability and enhanced QoS as multiple servers can be installed in load sharing or full redundancy mode

IP CONNECTIVITY FOR TRUE INTEGRATION

The IP Connect Server is a mini server that connects to your interdisciplinary LANs via its firewalled Ethernet ports.

It is quick to install and easy to commission. When each device is connected to the server, it is auto-assigned a unique IP or IPnet address, although these can easily be changed for consistency on-site. Integrating the server into your facilities' network infrastructure is straightforward and safe, and it is continuously monitored for connectivity.

To provide enormous functionality for your facility, the server will manage:

- Nurse Stations;
- IPnet Routers (that control IPnet devices such as callpoints) and Ethernet switches;
- Annunciators;
- Paging transmitters and pagers;
- SIP VoIP telephones;
- SMS and Email transmissions;
- Historic call and response data; and
- Current resident data via HL-7 or ODBC.

A suite of software interface modules are available to allow messaging to and from the most common systems installed in hospitals, such as telephony, EMR, hospitality, BMS, fire and critical data.

IMPROVED RELIABILITY

The IP Connect Server uses an Intel Atom processor with Linux operating system. Along with its Mini ITX form factor, this gives the server proven performance, reliability and flexibility. Solid-state storage devices in the form of an industrial grade Compact Flash and SATA Disk on Module (SATADOM) are used to further enhance the reliability of the server.

REDUCED COST OF INSTALLATION AND COMMISSIONING

There is no need for expensive and special software for the IP Connect Server, as it is commissioned and managed using a standard web-browser. This allows on-site or remote programming and servicing of all devices using fixed or mobile network-enabled PCs or PDAs.

UPS WITH POWER MONITORING

Power for the server is provided by a battery-backed power supply and the POIPnet (Power Over IPnet) circuits are both monitored and managed for voltage and current.

- The IP Connect Server has simple and automated functionality, and is small in size, allowing it to be installed in the communications room with minimal footprint.
- An LCD on the front panel of the server displays system messages during normal operating mode.

- A standard web-browser provides access to the Webmin administration tool, allowing on-site or remote management of routine maintenance and fault diagnostics.
- Class B certification ensures that the server meets the new emission requirements for hospitals and aged care facilities.