



Connexall®
A BETTER WAY TO WORK

CLINICAL ALARM MANAGEMENT - A CONNEXALL® SOLUTION

Hospitals need to manage and respond to myriad alarms on a daily basis-- clinical staff needs the right information at the right time to appropriately triage multiple requests at a single point in their day. Connexall dramatically improves alarm management strategy and communication for hospitals by consolidating contextual information from multiple sources and presenting it to staff resulting in efficient and reliable responses to the alerts.

Whether you need to integrate your nurse call system to in-house wireless phones, send alerts about patients' vital signs to clinicians' mobile devices, or keep a neonatal nurse aware of dramatic changes in a baby's vital stats no matter where she is, there is a Connexall solution that fits. Completely flexible and scalable, Connexall solutions are custom designed to support your workflows, clinical needs, and existing equipment. Connexall also provides nurse managers data from multiple systems combined into a single database for simple KPI and regulatory reporting.

Because Connexall is vendor-neutral and device-agnostic, you can leverage your existing investments in communications and clinical equipment. And when it is time to upgrade or expand, you can find the right solution to fit your needs, without having to purchase expensive upgrades.

Centralized Clinical Alarm Monitoring

Connexall lets you bring together all your clinical alarms in a single interface, resulting in a reduction of the number of devices that staff have to carry and the number of annunciating alarms disrupting the healing environment.

Eliminating Nuisance Alarms

Based on your specific needs, medical equipment, and workflows, you can customize the level at which Connexall delivers alarms. Unique to Connexall, the alarm suspend feature introduces a slight delay in dispatch to the secondary device to ensure that alarms are only sent when they are clinically significant and require caregiver attention mitigating alarm fatigue.

Patient Monitoring

Send patient monitoring alarms directly to clinician's wireless devices securely, enhancing staff mobility while eliminating worry over missed alarms. With real-time notification, waveform support (device dependent), and intuitive routing to the correct role, clinicians respond in a more timely manner and can immediately access actionable information on which to base their next steps.



Nurse Call

Creating direct two-way communication between patients and staff enhances nurse mobility while prioritizing requests as they are received leading to more efficient workflow. By connecting the nurse call station at the patient's bedside to the nurse's wireless device, the unit clerk does not have to spend time searching for the 'right' nurse – reducing the need for overhead paging and creating a better healing environment for patients. Advanced features in Connexall provide staff the ability to match ring tones to specific alerts, manually escalate if busy, and autoescalate if unavailable without enduring a continuous ring until timeout. Additionally with Connexall, information about the patient can be paired with the alarm providing the respondent additional context related to the request.

Infusion Pumps

Connexall can integrate infusion pumps to send alarms directly to an assigned clinician's wireless device, leading to faster response times in instances of failure, increase or decrease in pressure, or power failure. Because Connexall is fully customizable, you can choose the amount of time between the original notification and escalation to the secondary caregiver depending on the unique circumstances of each case.



Ventilators

Ventilator alarms are usually critical and need to be attended to immediately. With Connexall, you can set those alarms to go to multiple staff members so that the closest clinician can respond, and the problem can be dealt with as quickly as possible. Depending on the model of ventilator, patient-related parameters (flow, volume, and pressure) and function-related parameters (air leakage, power or mechanical failure) can also trigger unique alarms through Connexall.

Incubators

Neonatal Intensive Care Units (NICU's) use incubators extensively. Like ventilators, alarms are often critical and require immediate attention. Even with the low staff-to-patient ratios in most NICU's, creating a direct link between incubators alarms and clinicians will reduce response times, and give family members peace of mind, knowing that every incident will be tended to without delay.



EMR

Utilizing Connexall's powerful HL7 information processing engine, users are able to proactively present information to the appropriate caregiver as it is posted to the EMR system, and retrieve clinically significant information from the electronic medical record and merge that information with alarm notification to provide clinical context to that alarm immediately on dispatch to the mobile caregiver. One application for which Connexall was granted a US patent allows the correlation of fall risk information contained in the EMR to the configuration of a smart bed. In this way, Connexall can alert the patient's caregiver if a bed configuration does not match the fall risk detailed in the electronic medical record, thereby proactively averting falls much more effectively than reacting to a bed exit alarm.

Reporting

Connexall's core offering includes a robust clinical reporting capability which will enable your facility to meet the Joint Commission mandate on alarm management. Additionally, this feature set provides management teams with data relevant to their specific departments/units, allowing for precise monitoring and tailoring of workflow processes. All data from any information stream to which Connexall integrates is found in a single database for clinical alarm reporting, no need to mine or filter multiple servers or applications. Managers can leverage this tool to improve overall operational efficiency and manage workload.

Additional Integration

Easily integrate new devices and monitoring software, or adapt new tools and procedures in your facilities. Connexall integrates with virtually any business system including: wireless phone systems, HL7, paging controllers, patient monitors, telemetry, security systems, fire alarms, access control, PBX, network equipment, HVAC and many more. At one central location, staff can manage and monitor events from different business systems.

Simple to Use, Easy to Learn

Connexall's user interface is intuitive - so staff training is easy. With one touch of a button, supplies can be requested, staff can be contacted, calls can be forwarded, and reports can be generated. Acknowledging requests, signing in or out, and escalating calls takes mere seconds – ensuring efficiency. With improved communication, patient flow, staff accountability, and data measurement, clinicians can spend more time on what matters most - quality patient care.

- › **Optimize staff response with up-to-the-minute information**
 - › **Create a quieter healing environment for patients increasing patient and staff satisfaction**
 - › **Communication acknowledgment: on receipt of alarm, staff can acknowledge, escalate, or cancel a low-priority event**
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- › **Integrate wireless devices to deliver updates from multiple facilities**
 - › **One-touch callback:
instantly return messages or calls with one button**
 - › **Leverage existing technology infrastructure:
Connexall is completely vendor-neutral- allowing you to enhance existing equipment, or choose new, best-of-breed systems**