

Call Assurance Check-In Software for the Keltron DMP703/DMP704 Alarm Monitoring System

An assisted living facility is comprised of many residents who live alone in separate apartments. Each resident's status is verified daily. Standard procedure is for each resident to re-set a sign on his/her front door each morning that is set manually by facility staff each night. When moved, the sign changes color so as to distinguish between sleeping and waking hours. It is time-consuming and costly for the staff to manually verify each morning that all residents have moved their signs to signify that they are awake and well.

To alleviate the time and cost of manual verification, Keltron offers call-assurance check-in software to automate the supervision of generally self-reliant residents.

How it works

Using the Keltron call assurance check-in software, residents are required to manually activate a signal to the receiver. Depending on the existing system wiring, activation can be accomplished using a simple switch supervised by end-of-line resistors or it can be activated by dialers. In special cases, a motion detector may be used to activate the signal. The resulting activation signal informs the system that the person being monitored is up and about.

Call-assurance check-in software also provides a wake-up supervisory function. A field-programmable check-in time window exists for each account (resident) on the Keltron system receiver. The check-in function may be enabled and/or disabled by individual account. When using dialers, the event code used for check-in may also be programmed for each individual account.

The check-in time window consists of a start time and an end time, both appearing in international hours and minutes format. At the programmed end time, all accounts are examined by the system. Any account that is check-in enabled and which has not received its programmed check-in signal since the previous start time is annunciated as a check-in failure alarm - automatically alerting the monitoring personnel.

Reception of proper check-in signals on enabled accounts is normally transparent to the system operator. The signals may be logged to an optional history file if included in the system. For accounts that have previously been reported as check-in failures, if the failure is still in the display rotation, a check-in signal received at any time of day will also be printed and will remove the check-in failure from rotation.

An exception report, containing those accounts that have not yet checked in, is printed automatically upon expiration of the predefined time period. Generally, this time period expires at the same time each day and one time period is maintained for all participants.

Keltron develops and manufactures secure, reliable, UL-listed fire and security alarm response management systems and components for the municipal and proprietary life safety markets. Products include radio fire alarm, coded fire alarm and high-line security systems, digital alarm receivers, universally compatible fire alarm control panel networking solutions and a full line of alarm annunciators. For more information, visit www.keltroncorp.com or contact us at 781-894-8710 X 26, or info@keltroncorp.com.