



POLTYS DCC AND DIGITAL I/O BOARDS

How Does DCC Improve My Facility?

- **Increased Mobility:** Caregivers can receive alerts no matter where they are in your building
- **Shorter wait times:** Use reports to improve caregiver response time
- **Proactive Monitoring:** Administrators and/or owners can be notified by email or text message if a call for help is not answered
- **Atmosphere:** No noisy bells means a more home-like environment for residents
- **Market Your Community:** Show incoming families how good your caregiving services are

Polty's **Direct Care Connect™ (DCC)** comes with extensive collection of **Digital I/O Boards** helping you automate your facility.

The Digital I/O boards can be used with nurse call applications, and security/ safety solutions, such as: access control, wandering resident tracking, duress alarms, wired pull cords and call buttons, wired door/ window sensors and more.

The Digital I/O boards provide supervised inputs for monitoring alarm sensors such as motion detectors and door contacts, and/ or relay outputs for actuating local devices such as electric door locks, sirens or visual indicators.

FLAWLESS INTEGRATION

Polys DCC directly integrates with many wireless sensors, industry-standard Nurse Call Systems and Fire Alarm Systems.

Pendants, pull cords, and other wireless sensors	NCS3
Panasonic KX-DTU100	ESPA 4.1 protocol for Courtney-Thorne and Intercall systems
Dukane	UK market – ESPA, APR, Quantec, MCD, Protek
Spider	CONNEXAL
Rauland	Roam Alert
Home Free	PBX Sensors
Eiris – TAP	Cornell
Telergy – TAP	Servowatch
Austco – UDP	MCD, MCD Logger
COMP2, w/Cancel, w/Location, over TCP	Gent by Honeywell
COMP2 over IP for SARA	

CAREGIVER LOCATION TRACKING

DCC may track caregiver location (i.e. Android mobile phone) within the care giving facility.

The locations are identified using Bluetooth Low Energy (BLE) beacon devices. Each room/ location is stuffed with 1-2 BLE beacons.

TEXT NOTIFICATION

The alarm notifications are sent to DECT phones and mobile devices as text messages.

Caregivers can select whether to accept, reject or call back the resident just by pressing predefined buttons on the DECT phone keypad/ mobile device display.

MOBILE NOTIFICATION BY DEDICATED APPLICATION

Polys DCare™ Connect is the application and service that sends voice alarms recorded at runtime (i.e. Push-to-Talk mode) and text alarms using the mobile device.

Voice and text alarms are received by mobile caregivers predefined in DCC.

Text alarms are simultaneously displayed and played back by Text-to-Speech engine on the caregiver mobile device.

Polys DCare™ Connect application and service is compatible with Google Android smartphones and tablets.

CALLBACK USING GSM OR LOCAL PBX

Polys DCC allows Caregivers to call back to a predefined phone number by mobile or DECT devices connected to PBX after the alarm was received.

KEY FEATURES

- Compatible with Panasonic KX-NSX/ NS/ TDE/ NCP/ TDA PBX series
- Work on either WiFi, GSM, LTE or UMTS cellular networks
- Send voice alarms recorded at runtime using mobile device by Push-to-Talk mode
- Send text alarms using the mobile device
- Voice alarms are received by mobile caregivers defined in DCC
- Text alarms are received by caregivers' mobile devices configured in DCC
- Text alarms are simultaneously displayed and played back by Text-to-Speech engine on the caregiver' mobile device
- Caregiver may accept, reject, or call a predefined phone number by either spoken commands or tapping specific buttons on mobile device
- Mobile Client for Android devices
- Can work independently or integrate with the existing telephony system in place

VOICE NOTIFICATION

The alarm notifications are announced over DECT phones as voice prompts. The caregivers can select whether to accept, reject or call back the resident just by saying simple speech commands.

The voice commands are instantly detected by DCC speech recognition engine and the right operation is carried out afterwards.

TEXT MESSAGE NOTIFICATION

DCC may send text messages by SMS to caregivers as alternate way to standard alarm notifications.



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