

EZlinc™ Dementia Monitoring System



Unobtrusive Patient Monitoring Lets Residents Live with Dignity.

Elderly patients with dementia and related illnesses require a completely different type of care than healthy individuals. Traditional nurse call systems that require a resident to be fully aware of when he or she requires help are often useless in such environments.

Patients with Dementia often use manual call stations as sensory devices and are unaware that they are actually summoning for help. Most care providers will disable these stations due to the false calls they receive, reducing the quality of care provided.

EZlinc™ provides an individualized monitoring system that uses passive sensors to monitor and track behavior changes of patients with dementia and will summon staff automatically when danger is predicted.

Proper dementia monitoring is crucial to alert staff of a patient potentially becoming agitated. Manual call stations found on traditional nurse call systems cannot provide this level of monitoring. The EZlinc dementia monitoring system alerts staff early before a patient becomes agitated or violent.

- **Scalable** – EZlinc™ dementia monitoring does not need to be implemented everywhere. Only those patient rooms that require dementia monitoring need to be fitted with sensors, traditional nurse call can co-exist with dementia monitoring within the same ward.
- **Cost effective** – EZlinc™ is the only non-proprietary dementia monitoring system available. EZlinc™ dementia monitoring can be implemented using many different brands of alarm i/o or nurse call products. Most existing systems can already be used.
- **Simple to use** – “If it’s not easy it won’t get used. If it does not get used, where’s the benefit.” EZlinc’s dementia monitoring system provides an easy-to-operate interface, allowing staff to spend less time monitoring & viewing reports and more time providing care. The carefully design reports are easy to incorporate into existing care plans.
- **Automatic Intelligence** – The EZlinc dementia control software automatically adjusts each individual patients profile when behaviours change. Automatic profile adjustment reduces the need for staff intervention and helps prevent those unwanted false alarm events.



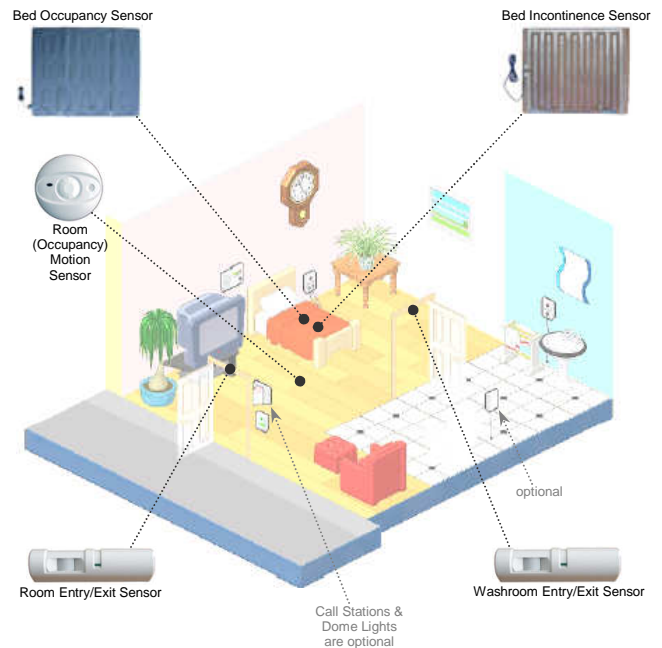
How Does it Work?

Room sensors are installed to monitor movement. This can include any or all of; room motion sensor, suite entry/exit sensor, bathroom entry/exit sensor, bed occupancy sensor, or incontinence sensor. Different sensors are used depending on each patient's needs.

The sensors are interfaced into an i/o or nurse call system to allow the EZlinc™ DCS software to monitor the activity of the sensors and generate an individual patient profile for each monitored patient.

EZlinc™ provides the key to preventing false events.

The key to reducing false calls to staff is to ensure that staff interaction and training is maintained and be sure to select the proper sensors for each profile. QBSoft Solutions provides a free implementation tool that is a critical component to designing & tuning a lasting and useful dementia monitoring system.



Room Label: **Sample Room** Patient Name:

Bed Exit Alert

Only active from: to:

If a bed exit sensor is activated and no other activity is detected within: seconds, then initiate a Bed Exit Alert (0 = Immediate Exit Alert).

Ensuite Inactivity Alert

Only active from: to:

If a suite motion sensor is activated and in-room motion continues, but stops for or more seconds, then a Room Inactivity Alert will be initiated.

Washroom Occupancy Alert

Only active from: to:

If the patient's washroom is found to be occupied for more than seconds, then initiate a Washroom Inactivity Alert (0 = Immediate).

Room Exit Alert

Only active from: to:

Activate a Room Exit Alert whenever this patient / resident exits the room.

Bed Incontinence Alert

Only active from: to:

Enable Bed Incontinence / Wet Alert's for this patient / resident.

Resident / Patient Agitation Alert

Only active from: to:

Activate an Agitation Alert if room motion exceeds seconds.

Individually Assignable Alerts

- **Bed exit alert** calls staff when a patient exits their bed and no other sensor detects activity for x seconds. This alert is typically used during evenings.
- **Inactivity alert** – This alert warns staff that a patient may have fallen and cannot get up or is unconscious. This alert is activated whenever no sensor detects activity for an extended period of time.
- **Washroom occupancy alert** – If a patient goes to the washroom that is fine. EZlinc™ will track each resident's average washroom stay duration. If a patient is in their washroom for too long, staff is called as an incident has likely occurred.
- **Room exit alert** immediately calls staff when a patient leaves their room. Usually only activated during evenings as a wander prevention means.
- **Bed wet alert** alerts staff or cleaners when a patient has wet their bed to prevent a resident from remaining in a soiled & wet bed all night. Infections are easily prevented by keeping a patient clean.
- **Agitation (or restless sleeping) alert** will immediately notify staff if a patient begins to get agitated. This trait is relevant when a patient with dementia begins to pace. It is recommended to use Snoezelen rooms to calm agitated dementia patients.

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Powerful Integration..

EZlinc™ Dementia Monitoring

..Made Easy