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Assisted living applications

KNX opportunities

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Assisted living (AL)
Specialist applications
Specialised solutions

Are projects that have an assisted living element specialist only projects?

Do they need specialised systems?

Solutions that aren't applicable to other projects?

Do those projects need a specialist integrator?

Could an existing project include AL elements?

Could a building be updated later to include AL elements?

Is this enough to put you off a project that includes a requirement for AL?

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Assisted living
A possible requirement
Ascending escalation of alerts

You need a solution that can be adapted to a care facility which needs to monitor a resident who may leave their apartment unexpectedly. (This can be common for people with Alzheimers or dementia)
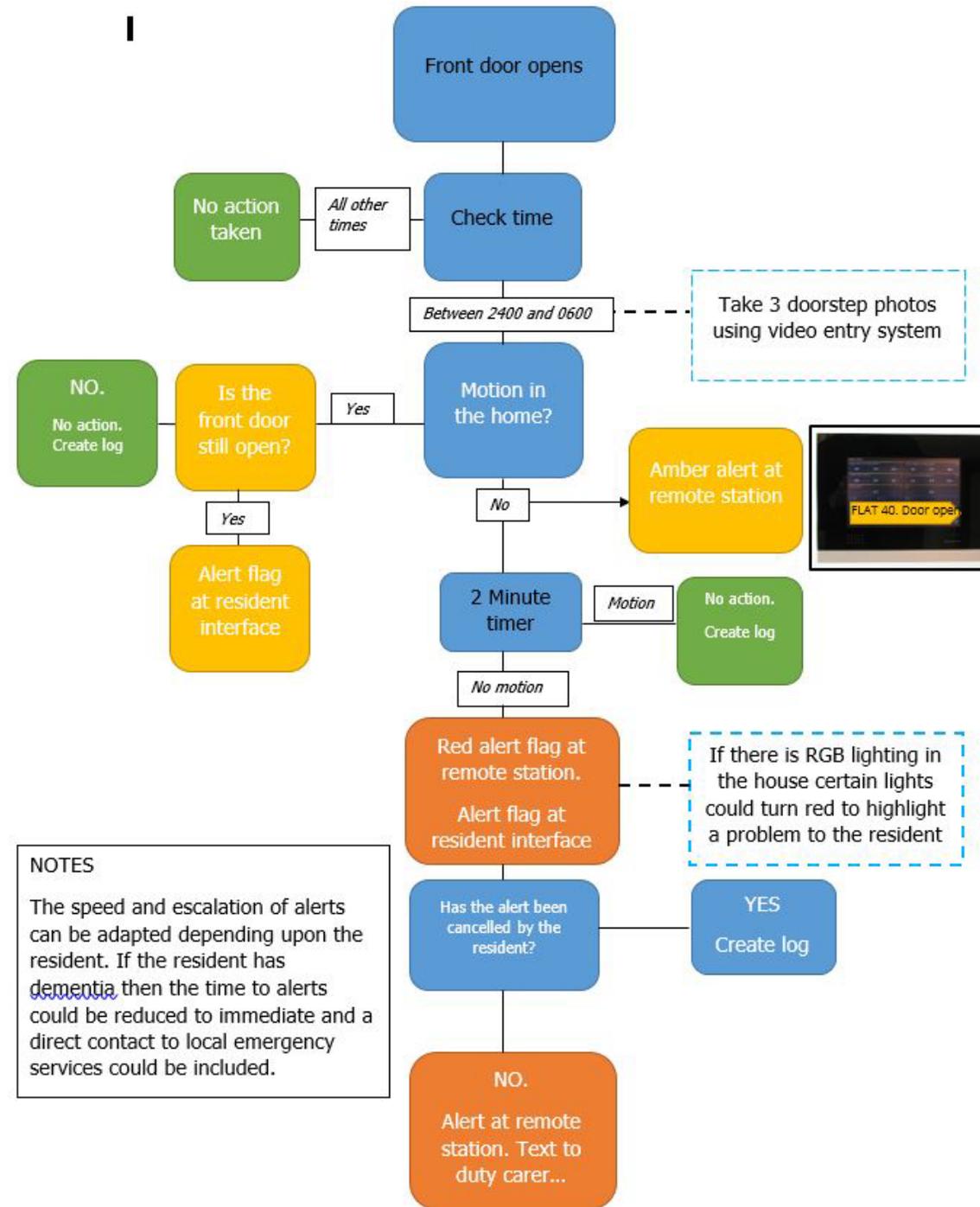
The solution needs to know the following

> What time of day it is

> Is the door open?

> Presence throughout the apartment

> Connection to a monitoring station

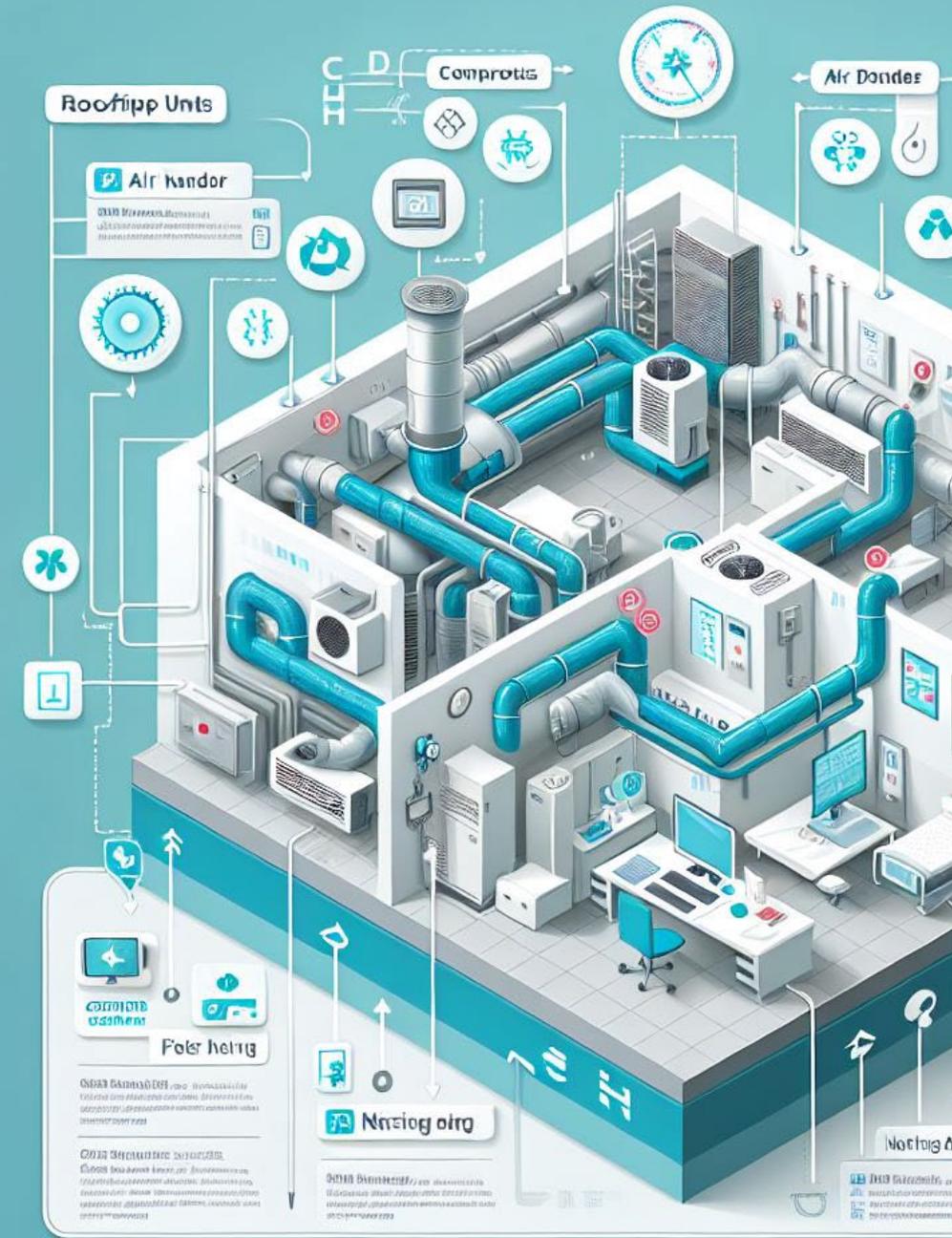**And do it discretely**

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Further to the AL application
HVAC plant management
Monitoring and metering

You need a system that will manage the HVAC for your building dependent upon the immediate needs of multiple residents and their individual requirements – you need room by room information for the HVAC including full control and metering for centralised hot water and UFH distribution to single apartments (via a heat exchanger)

All of this information needs to be fed to a remote FM team.

You also need a system that will alert a care station manager (this could be nursing staff) to the change in a resident's overnight habits. Again discretely.
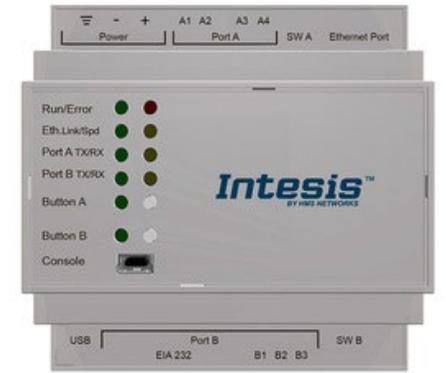
Do you need two separate systems?

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What solution
What product

How many systems and products will you need to satisfy either (or both) of these specification requirements?

Not only can you discretely monitor the resident but the same items will also control the lighting, heating and ventilation, and report on those systems at a local or facility management level.

You don't need separate systems

You need KNX

KNX is scalable
Home systems & commercial applications
Control, monitoring and management

KNX can be applied to any building size, any building type.

An assisted living project for home, work or commercial care?

PLUS - Every other aspect of building automation that is needed

On every type of project

You only need one system in your specifications

KNX can act at every "layer" of your system: from simple room control of lighting and heating, localised care and plant control, through to complete asset management.

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