A real-time location system allows a nursing home to be selected as the smartest in Spain

LOCATION: Granada
LENGTH: 1'40''

SUMMARY: The Beato Fray Leopoldo Home in Granada has been selected as the smartest nursing home in Spain by the Official College of Telecommunications Engineers. Their system allows them to locate the residents in real time, and also detects if any of them have a fever, using thermal cameras.

VTR:

A real time location monitoring system or the possibility of knowing if a resident has a fever using thermal cameras are some of the tools used in this nursing home in Granada, which has become the smartest one in Spain, according to the Official College of Telecommunications Engineers.

Mateo Torres **Nursing home director**	*"I think that this is the way forward for public health. We have greater control over people's safety and comfort."*
Alberto Serrano **Maintenance manager**	*"The speed with which we can assist the residents."*

The precision in locating the residents in the Beato Fray Leopoldo Home allows this rapid response in the case of falls, for example, and the thermal cameras detect temperature changes in the residents.

Mateo Torres **Nursing home director**	*"It can detect that somebody has a fever and notify the doctor. They may have fallen during the night when going to the bathroom, and when they have been at least ten centimentres from the floor for eight seconds, an alarm is activated to call the nearest member of staff."*

This alarm is activated thanks to the wristband that each resident wears, with which they are tracked at all times, and which is also used to access their room without needing keys.

Alberto Serrano **Maintenance manager**	*"The wristband has an accelerometer. This accelerometer analyses the pattern of the fall, detects this pattern and activates an alarm."*

And the staff at the nursing home receive the alarms in real time on devices that they carry, and that specify the type of problem and where they need to go.

Alberto Serrano **Maintenance manager**	*"Not only does the system coordinate and locate them within the entire building, it also alerts us."*

These are just some tools to work on safety and improve the quality of the elderly residents' stay at the nursing home.

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