



Creating a digital hospital

Marina Salud Hospital cuts paperwork and enhances medical decision-making with Intel® technology-driven tablets



marinaSalud
Departamento Salud Denia

“With the tablets, we have the right hardware and the right interface to help our staff make better, more informed decisions. With a bit of work on optimizing our applications to make the most of tablets’ features, full adoption by clinicians will be successful.”

Vicent Moncho
CIO
Marina Salud Hospital, Dénia

Company

Marina Salud Hospital, in the city of Dénia, is part of the public hospital network of the Valencian government in Eastern Spain. Owned by the Marina Salud private healthcare company, it employs around 1,200 healthcare professionals. The hospital serves a permanent population of around 156,000 people, but in the summer this population doubles to around 300,000.

The building received the A Plus Architecture award in 2010. The rooms all have natural light and the passageways act as exhibition areas. The walls of the pediatric ward show murals that promote healthy lifestyles.

Challenge

The hospital wanted to investigate how mobile computing devices like tablets could benefit two types of employees. First, the management team needed to reduce the amount of paperwork employees needed to carry. Executives wanted to be able to store and access documents electronically and record meeting notes and actions in real time to help boost productivity and transparency.

Meanwhile, physicians wanted to be able to access the information it takes to treat patients, wherever and whenever they need to, in a straightforward, easy-to-use format.

Solution

The hospital evaluated Dell Latitude* 10 tablet devices powered by Intel® Atom™ processors. Their integration

with the management team’s core applications was excellent. Managers rely on Microsoft Office* tools, so the tablets’ Microsoft Windows* 8 operating system was the ideal match.

Clinicians benefitted from the devices’ portability and wireless connectivity to access the data and applications they need while making their rounds in the ward. However, the hospital identified an opportunity to update some of its core medical applications to take better advantage of the high-resolution, touch-screen functionality of these new models.

Benefits

The tablets enable both managers and medical staff to stay connected and work wherever they are—within the healthcare facility, at home or even while they are out of town—as easily as if they were checking their email or online bank account.

Within the hospital itself, physicians will benefit from having at their fingertips the right clinical information or a way to contact a specialist colleague in critical situations. Having this level of reliable, in-depth data available will be key in helping to enhance the quality of care patients receive in high-pressure situations. The tablets will also be important in the wards to deliver bedside treatment. The lightweight, high-resolution devices will help eliminate cumbersome paper records and reduce the possibility of human error in transcribing information onto the system post-treatment.

Find the solution that’s right for your organization. Contact your Intel representative, visit Intel’s Business Success Stories for IT Managers (www.intel.com/itcasestudies) or explore the Intel IT Center (www.intel.com/itcenter).





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