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Enabling an Intelligent Planet

Renovating the Centre Hospitalier Alpes Lèman with Advantech's POC-S197F Point-of-Care Terminal

Market: Healthcare
Location: France
Technology Partner: Centre Hospitalier Alpes Lèman

Project Introduction

The Hospital Alpes Léman in Contamine sur Arve, France, was originally built in 1841 and serves the Geneva area as a premier public hospital offering a complete range of medical and surgical specialties. The hospital has a 640-bed capacity, and its wide range of care options across various fields of competence is available to all. The hospital was completely rebuilt in 2012, affording planners the opportunity to computerize the facility in surgery, endoscopy, recovery, anesthesia, and other areas. Hospital staff identified the need to build systems that allowed full patient management, room scheduling, and regulatory checklists in surgery; intervention and recovery processes in anesthesiology; and patient plan care and prescription continuity in pharmaceutical dispensaries.
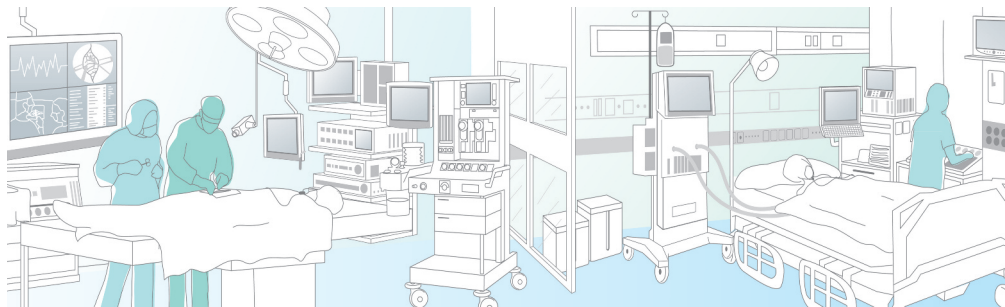
Solution

Advantech's POC-S197F Slim Point-of-Care terminals were selected to handle the hospital's needs. The all-in-one terminal is connected to the hospital's information systems, and allows real-time access and recording of patient data. It was installed in the hospital using convenient VESA standard swing-arm mounts, making for an ergonomic workstation with mouse and keyboard suspended above worktables maximizing the work area. The POC-S197F's 19-inch display gives medical personnel, such as anesthesiologists in surgical units, a broad visual interface. Having instant access to data optimizes workflow, reduces risks from errors, and ensures premium access to information is always available.

> "POC-S197F can be easily cleaned with the disinfectants used in the hospital, such as Surfa'safe or Surfanios. With its true flat panel, it permits easy and thorough cleaning."

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CENTRE HOSPITALIER
ALPES LÉMAN

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System Description

Advantech's POC-S197F is a 19" TFT LCD display powered by an Intel® Core™2 Duo processor. With two complete execution cores in one physical package, Intel Core 2 Duo processors provide advancements in simultaneous computing for multi-threaded applications and multi-tasking environments. The 1.2 GHz processor is the basis for a powerful system which supports 2 GB of DDR3 memory, and has a full set of I/O connectors (3 USB ports, 2 serial ports, and 2 LAN ports) to meet the hospital's requirements. WiFi and touch panel functions are also available to provide more flexibility, ease data entry, and allow the system to connect to other HIS platforms throughout the hospital.

For more information about the Advantech healthcare products and service solutions, or to read more success stories, please visit the Advantech website at www.advantech.com.

Benefits

The Hospital Alpes Léman noted several benefits from the installation:

- Better performance and increased productivity resulting from modernized workstations
- Mitigation of risk factors through real-time access to relevant data
- Ease of use with a convenient touchscreen
- Fanless operation, ideal for sanitized and quiet areas like surgery
- Great ergonomics and space-savings features
- Compliance with regulatory requirements
- Flexible connectivity options
- Flexible mounting choices

The customer is satisfied with the connectivity afforded by POC-S197F, its slim profile, and its ease of cleaning. Patrice Sondag, a clinical worker in the surgical unit at the hospital said, "POC-S197F can be easily cleaned with the disinfectants used in the hospital, such as Surfa'safe or Surfanios. With its true flat panel, it permits easy and thorough cleaning."