

## Itium Healthcare



*An extensive range of IT stations designed to facilitate patient data viewing and updating, in compliance with the confidentiality and hygiene standards.*

**Compact  
Mobile  
Hygienic**

Available with  
Windows Embedded  
and Linux

### Thin Computing for the healthcare sector

Itium Healthcare is an extensive range of thin client workstations especially designed for administrative and care staff of healthcare establishments. It allows them to have easy access to the IT system while respecting health hygienic and patient data protection requirements.

#### **POWERFUL, EXTENDED CONNECTIVITY**

The Itium Healthcare workstations only run display, network management and user interface functions.

All the applications and processing are running on a centralized server, facilitating data management and securing, as well as applications and operating systems administration and upgrades.

Thanks to their extended connectivity, they allow a wide range of office or professional peripherals to be operated: smart card readers, touch screens, barcode readers, etc.

#### **COMPACT AND DESIGNED FOR MOBILITY**

The Itium Health workstations come with an integrated 17"LCD screen. They also feature an optional touch screen for use with

no keyboard nor mouse.

For the daily rounds in the patient rooms, Itium Healthcare is supplied with a trolley, long-life battery and wireless connection. The use of Wifi roaming technologies guarantees transparent switch from one access point to another.

#### **100% ADAPTABLE, ADMINISTRATION MADE SIMPLE**

The Itium Healthcare range boasts Impact Technologies expertise in terms of personalisation of the Windows Embedded and Linux (distribution ITLinux) kernel operating systems, so that specific configurations can be produced, even in small volumes. With the Itium range, it is the thin client which adapts to the company's needs and not the other way round.

With the Itium Admin Services (IAS) administration solution, supplied free of charge with the Itium thin clients, administrators can manage everything remotely: configuration of user parameters, scheduled updates to applications or the kernel operating system, replacement of one application by another.

## STRONG POINTS

### HARDWARE

- VESA mount adapter kit, to mount Itium Healthcare on a wall, a bracket or an arm
- Itium Healthcare on trolley: long-life battery, height adjustable
- One single power supply
- Compatible with standard and tactile keyboards
- Extended connectivity: Gigabit Ethernet, RS232, 4 USB ports
- Natural convection cooling system

### SOFTWARE

- Access to applications in heterogeneous server environments: Windows, Unix/Linux, iSeries (AS400), zSeries (mainframe)
- Customisable operating system (Linux, Windows Embedded CE or Standard)
- Integrated browser (Internet Explorer 6 or 7, or Firefox 3.5)
- Integration of office and/or professional applications on request
- Free choice of protocol (RDP or ICA)
- Local management of serial ports
- Integrated VPN, PPPoE clients
- SNMP support

## OPTIONS

- LCD TFT 17" touchpad
- IT Trolley: a wireless Itium thin client is embedded into a trolley to facilitate consultation and updating of medical data, directly in the patient's room
- Sealing and disinfection: workstations withstanding cleaning products
- Wifi 802.11 a/b/g/n - Integrated Wifi roaming (transparent Wifi access switching)
- Terminal emulation pack (Emulations: 5250, 3270, VTxx, HP/UX, SCO Console, etc)
- Integration of an additional periphery (printer, scanner, etc.)
- Dual screen
- USB keyboard/mouse pack
- Flash & DDRAM extension, with or without partition data
- On-site maintenance

## TECHNICAL CHARACTERISTICS

	Itium Healthcare CE	Itium Healthcare XPE	Itium Healthcare ITL	
SOFTWARE	Embedded software / Firmware characteristics	Windows Embedded CE Internet Explorer 6	Windows Embedded Standard Internet Explorer 7	ITLinux (kernel 2.6) Firefox 3.5
	Compatibility with the major server operating systems and hypervisors of the market	Microsoft Windows 2000/2008 Terminal Services, Windows XP, Windows Server Hyper-V, Citrix Metaframe XP, NFuse et XenServer, VMware ESX Server, Oracle VM		
	Administration software	Itium Healthcare is supplied with Itium Admin Services (IAS), a centralised administration solution for its Itium thin clients, whatever the kernel operating system.		
HARDWARE	Microprocessor	Processor: VIA 1 GHz high integration		
	Memory	RAM: DDR2 256 MB (expandable to 1 GB) - Flash: 32 MB (expandable to 4 GB)		
	I/O and peripheral support	2 x PS/2 ports (keyboard and mouse) - 1 serial port 115,200 baud connector DB9 - 4 USB ports		
	Network	Gigabit Ethernet port: twisted pair, RJ45 connector		
	Video	Integrated LCD TFT 17 inch screen: resolution 1280 x 1024 Refresh speed: up to 85 Hz		
	Assembly	Vertical stand or trolley (height adjustable)		
	Power supply	Fixed: 12V DC (DC jack) Trolley: 2 x 12V gel cell long-life batteries (10 hours of continuous use) – Charged on 220V		
	Compliance with regulations	EMI certification: EC - Complies with RoHS standard		
	Environment	Temperature: operating, between 5° and 40°C Storage: from -10°to 60°C - Humidity: 90% maximum with no condensation		
	Warranty	Thin client and screen: 3 years - Battery: 1 year		