Virtual Patient Observation "Starter" System

To enable hospitals to efficiently implement a VPO, KnowFalls offers a Starter System. It is an eight-patient monitoring configuration with all supporting software, cameras, computers and accessories. It enables hospitals to begin to reduce falls by having a set of eyes and ears, at all times, on fall risk patients.

The System enables an observer to monitor the patient and engage in 2-way communication to stop or delay dangerous activity, and when necessary to notify the attending nurse/CNA to intervene.

KnowFalls Deliverables

KnowFalls will provide the KnowFalls VPO System as described below. It can be ordered as a wireless or POE configuration.

An application engineer will be assigned to you. He/she will provide on-line and telephone support for system installation, training and on-going service.

Onsite installation and any desired on-site services will be performed for a fee by KnowFalls or a mutually agreed upon system integrator.

KnowFalls VPO System

The VPO is built on the Milestone Xprotect video management system. KnowFalls through the Milestone SDK customized the user interface, patient engagement, data recording and reporting system to optimize patient observation.

The VPO starter system is configured to monitor eight (8) patients. However, the system can be expanded with additional computer power to monitor up to 48 patients. The VPO consist of three sets of components: a computer system and peripherals, a software system and communication devices. They are:

1. Computer System and Peripherals

▪ Computer

Hospitals can choose a Notebook or Desktop

- Dell Vostro 15 7590 Laptop, or
- Dell Vostro 5000 Desktop with 15" display, Dell wireless keyboard and mouse - KM636 (black)

▪ Cameras – 8 Axis IP Cameras

Model M1065-L (Power-Over-Ethernet version) or M1065-LW (Wireless Version). Features include:

- Zipstream technology: It to lowers bandwidth and storage requirements by an average of 50%, while preserving high-quality images
- Dimensions: 4.17 x 2.36 x 1.46 in
- Weight: 0.30 lb.
- Built in microphone and speaker
- Night Vision (IR illumination)
- Video compression H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles, Motion JPEG
- 110° horizontal field of view
- Resolutions 1920x1080 HDTV 1080p to 320x240
- Digital PTZ

▪ Headset

Dell Pro Stereo Headset – UC350

- Monitor

  [Dell 24 Touch Monitor: P2418HT](#) with Kensington Privacy Screen

2. Software System

- Microsoft Windows Pro 10

- Milestone Xprotect Express +
  The system supports an unrestricted number of users and up to 48 cameras. It will be configured to support the number of users required within your hospital and 8 cameras.

- KnowFalls VPO
  Model#KF-VPO-0008 for 8 patients

3. Communication System
  KnowFalls will customize the communication system to each hospital's requirements provided all patients being monitored are located within the same nursing unit. The communication device options are:

- Cisco SG250-08HP 8-Port Gigabit Smart Switch, or

- Cisco RV260 VPN Routers

For additional information, contact an application engineer or salesperson at…

KN⦾Wfalls

5020 Clark Road, Suite 235
Sarasota, FL 34233
www.knowfalls.com
t#941.724.9700