Centralized Device Surveillance

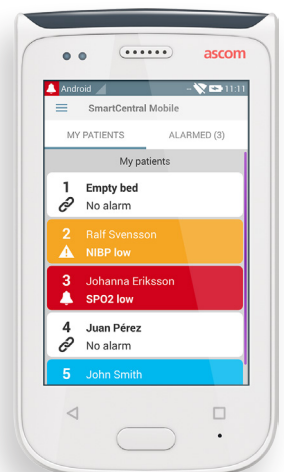# Digistat® Smart Central
Supporting Alarm Workflow Management

Digistat® Smart Central acquires data continuosly from the devices associated to the patients (infusion pumps, patient monitors, ventilators, dialysis machines, etc.) and displays them with a simple and user-friendly interface.

Digistat® Smart Central is a distributed alarm system, compliant with EN 60601-1-8:2007, designed to provide an overview of the devices status. Digistat® Smart Central highlights alarms and/or warnings possibly occurring on any connected device, so that the user is informed at a glance about the situation in the ward. It also supports the improvement of nursing workflows related to the management of alarms from the connected clinical devices and systems.

Digistat® Smart Central

- Can be installed on multiple workstations, in the hallways and in the central nursing stations to provide a general view of all the devices, updated in near-real-time
- Provides an overview of multiple beds on a single screen
- Provides support for device alarm management, displaying alarms in three different colors to reflect the severity (blue:low, orange:medium, red:high)
- Helps to improve the alarm event management and makes it even possible, in some cases, to prevent them, thus reducing the "acoustic stress" for patients and staff
- Helps planning the nursing staff workflow
- Tracks alarms, setting changes and other device-related information, providing nurses and doctors with a complete picture of the situation

The nursing staff can use **Digistat® Smart Central** to view the status of devices, to verify that they are connected and sending data to the electronic patient record. The nursing staff can plan their workflow on the basis of the information displayed. It is possible to group patients according to the nursing management needs (My Patients). Physicians can review the history of patient events, tracking the changes to device settings and the alarms. Doctors can review each patient's event history as well as monitor changes to device settings and alarms. Biomedical engineers can verify the device connection and the data acquisition, and identify technical alarms to evaluate maintenance needs.

Digistat® Smart Central Mobile App (in the figure) is an optional extension of Digistat® Smart Central.

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Digistat® Smart Central is able to get data from more than 200 medical devices and it updates its display every few seconds to provide timely information about the device status. Each station of Digistat® Smart Central can be customized to display only the patients relevant to the area of the department where it is located; a special view mode called "My Patients" allows nurses to quickly reconfigure the display to reflect the work-shift assignments. Digistat® Smart Central has an intuitive user interface that does not require keyboard or mouse, thus making it ideal for mounting in corridors and even in out-of-reach positions. An acoustic signal is optionally available to notify the occurrence of new events in the department.

Digistat® Smart Central Mobile is a mobile application designed to bring the Smart Central capabilities directly "in the hands" of clinicians.

Please refer to the Intended Use and the User Manual, or contact Ascom UMS at it.info@ascom.com to get the complete specifications, features and limitations of the product.

*A sample screenshot of **Digistat® Smart Central**, showing 6 beds with patient vital signs from monitor, ventilator and infusion pumps including some alarms.*

About Digistat®

Digistat® is the clinical information system developed by Ascom UMS to manage patient data in critical areas (Intensive Care Units, Operating Rooms, etc.). Digistat® is a registered trademark of Ascom UMS srl. Available for sale only in EU & EFTA countries.

Specifications are subject to change without notice. Connected clinical equipment, interfaces, display devices and other hardware components are subject to compatibility restrictions, and specific versions and models may not be supported. Please contact Ascom UMS or your local Ascom representative for more details.

About Ascom

Ascom is a global solutions provider focused on healthcare ICT and mobile workflow solutions. The vision of Ascom is to close digital information gaps allowing for the best possible decisions – anytime and anywhere. Ascom's mission is to provide mission-critical, real-time solutions for highly mobile, ad hoc, and time-sensitive environments. Ascom uses its unique product and solutions portfolio and software architecture capabilities to devise integration and mobilization solutions that provide truly smooth, complete and efficient workflows for healthcare as well as for industry and retail sectors.

Ascom is headquartered in Baar (Switzerland), has subsidiaries in 15 countries and employs around 1,300 people worldwide. Ascom registered

Ascom UMS srl unip.
Via Amilcare Ponchielli 29 · 50018 Scandicci (Florence) Italy
Tel: +39 055 0512161 · Fax: +39 055 8290392
it.info@ascom.com · www.ascom.it

ascom