



Digistat® Connect

Digistat® Connect Medical Device Integration

Digistat® Connect acquires information about clinical data, alarms and events in near-real-time from Medical Devices – e.g. patient monitors, ventilators, infusion pumps, CVVH, etc. – and creates a common, standard, automatic data stream providing patient data to the Hospital Information Systems.

Digistat® Connect is device-vendor neutral and able to be scaled from single departments to multiple hospitals.

Uses standard protocols (e.g. HL7, IHE) to interface with:

- PDMS (Patient Data Management Systems)
- Nurse call and communication Systems
- Clinical Decision Support System
- Clinical Research System
- Asset Management Systems

Digistat® Connect feeds multiple independent downstream systems with a tailored flow of patient data and related context information (Patient ID, device, bed), providing a wide range of benefits:

- Automatic and objective patient data documentation
- Time saving efficiency for nursing staff avoiding transcription errors
- Detailed vital signs parameter collection for clinical records
- Device Log for alarms and user actions
- Single source of clinical information for all Hospital IT systems

Digistat® Connect is a solution able to interface with a wide range of devices, throughout the Hospital infrastructure.

Data is captured from devices using an advanced, distributed and scalable architecture with either serial or networked connections, choosing the right integration for the right care environment.

Digistat® Connect captures a wide set of data according to the device:

- Continuous Data
- Sporadic Data
- Events (user related or device events)
- Alarms
- Logs

All device interfaces are developed and validated by Ascom.

Hundreds of device interfaces for many brands are already available and new ones are continuously being developed.

A professional, skilled team will help you in evaluating the capabilities of your medical devices and choose the best interfacing solution.

ascom

From medical devices to clinical systems

Software with a proven Clinical Experience

Our customers include many prestigious hospitals as well as healthcare information technology vendors. Digistat® Connect is part of the full Digistat® Suite produced by Ascom.

Digistat® Suite is the Acute Care platform to document and support the critical processes in Intensive Care, Anesthesia and Operating Rooms. It is used daily by thousands of Clinicians, Nurses, Biomedical engineers, Hospital managers and IT specialists.

Our experience in Acute Care solutions makes the difference to make your life easier and safer. “We know the value of your data”.

Digistat® expansion modules

Digistat® Smart Central displays data and alarms in near-real-time from medical devices associated to the patient (e.g. infusion pumps, patient monitor, ventilator, dialysis machine, etc.) with a simple and intuitive user interface. It provides an overview of the devices' status, highlighting alarms and/or warnings occurring on connected device, so that the user is informed at a glance about the situation in the ward. The Product supports the improvement of nursing workflows related to the management of alarms from the connected clinical devices and systems.

Digistat® Smart Central Mobile is a mobile application ⁽¹⁾ designed to bring the Smart Central directly “in the hands” of nurses and clinicians. Digistat® Smart Central Mobile supports alarm management by consolidating contextual information from multiple sources and presenting it to the staff in a clear and concise way.



Two screenshots from Digistat® Smart Central console and Mobile app, showing the status of the patient devices, with selected vital signs, alarms and warnings.

About Digistat®

Digistat® is the Clinical Information System produced by Ascom UMS srl, designed by experts for Intensive Care Units, Operating Rooms, Anesthesia and Surgical Workflow Management.

Digistat® is a Registered Trademark of Ascom UMS srl.

Only for sale in EU & EFTA. Specifications are subject to change without notice.

Connected clinical equipment, interfaces, port servers and display devices are subject to compatibility restrictions, and specific versions and models may not be supported. Please contact Ascom UMS or your Ascom representative for details.

⁽¹⁾ available for Ascom Myco and selected Android devices. Contact Ascom UMS for the list.

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