

ascom

Digistat[®] Connect

Medical device integration platform



Multiple medical devices. One solution to harvest their data.



Digistat Connect is a medical device integration platform. It brings together clinical data, events and alerts in near real time from medical devices such as patient monitors, ventilators, pumps, CRRT, spot monitors, wearable devices, etc. It then transforms these multiple inputs into a single flow of data, to be stored or transferred into other clinical systems such as the patient record.

Digistat Connect is technology and vendor neutral. It automatically collects data from medical devices, regardless of type or manufacturer.

Some key benefits

- Scalable architecture. Can be scaled to handle everything from a single ward to a multi-facility implementation involving thousands of medical devices.
- Uses standard protocols (HL7, IHE) to interface with other systems such as PDMS, Clinical Decision Support, Asset Management.
- Helps save time for clinicians by reducing manual transcription, double documentation and their associated error risks.
- Provides comprehensive vital sign collection for clinical records.
- Acquires large data sets from different devices. These sets include: continuous parameters, alarm notifications, logs, technical information, waveforms.
- Feeds multiple independent downstream systems with a tailored flow of clinical data and contexts.
- Provides a single source of clinical information for all hospital IT systems.



All the data, all the time.

Automatically capture clinical data

Digistat Connect collects data from virtually any medical device and creates a single stream of patient-specific data that can be stored or entered into various systems. That's because we have our own in-house teams constantly developing new drivers and integration solutions.

Patient-specific data for confident decisions

Digistat Connect integrates with ADT and other clinical systems. This helps ensure that data collected from multiple devices is linked to the correct patient records. Even when the devices are mobile, Digistat Connect links them to the correct patient record with barcode scanning or ADT pick lists. In short, Digistat Connect can manage any type of medical device, stationary, mobile or wearable in any clinical setting.

In step with evolving technologies and practices

Digistat Connect helps your facility stay up to date with advances such as remote patient monitoring by integrating with emerging technologies. Digistat Connect, for example, collects data from wearable devices in any environment (hospitals, homes, long-term care facilities) and makes it available on a single platform to be centrally managed. This allows for truly seamless data management that is independent of the patient's location.

Confident decisions with comprehensive clinical data

Assessments and auditing require the regular entry of data from medical devices into patients' records. This is especially important in environments such as ICUs with their many devices, each generating masses of data. Increasing the visibility of clinical parameters and trends helps boost clinicians' confidence that they are making the most appropriate therapy decisions for the patient. Collecting and recording data from multiple sources is however a challenge, as manual data transcription can be slow and prone to error and the caregiver must remember to collect the data at the correct times.

Digistat Connect overcomes this challenge by automatically collecting and recording clinical data from multiple devices, without adding to clinicians' workloads.

Harness all the data.

Collect clinical data, alerts, waveforms

Ascom solutions are vendor neutral. We manage all driver and software integrations in house and maintain full control of our solutions' development. This means you can select devices and systems best suited to your needs, safe in the knowledge that they can be integrated within the solution. Moreover, Digistat Connect goes beyond clinical data. It can also receive alarm notifications, which can be forwarded to mobile devices anywhere in the hospital. Waveforms also can be displayed in near real time on mobile devices.

Make the most of Digistat Connect

Digistat Connect is a module in the Digistat suite. Adding other modules such as Digistat Smart Central and Digistat Smart Central Mobile makes clinical data accessible and sharable. Working together, these modules automatically collect clinical data and alerts, and display them on dashboards and caregivers' mobile devices. Caregivers, no matter their location, always have full situational awareness.

From reactive to proactive care

The Clinical Decision Support System (CDSS) engine enables the automatic application of clinical governance rules in order to support clinicians' decision making. The CDSS interrogates multiple data points (from medical devices, clinical systems, etc.), and when appropriate, applies specific rules such as those used for Acute Kidney Injury, Early Warning Scores, and so on generating notifications.



Digistat Smart Central and Digistat Smart Central Mobile at work: near-real-time clinical data displayed on large dashboards and mobile devices, here on the Ascom Myco 3 smartphone.

About Digistat®

Digistat® Suite is the clinical information system developed by Ascom to manage patient data in different areas (e.g. Intensive Care Units, Operating Rooms, etc.).

It is a medical device according to local legislation, depending on modules used. The solution may not be available in a particular country or region as subject to regulatory clearance.

Please check with Ascom UMS or your local Ascom representative, for the availability of the solution in your market and for detailed technical specifications or compatibility restrictions. Specifications are subject to change without notice

Digistat Connect is a specific solution of Digistat® Suite.

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, near-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 mobilisation 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 shares (ASCN) are listed on the SIX Swiss Exchange in Zurich.

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