

ascom

Digistat[®] Mobile

Medical application suite for healthcare



Healthcare professionals are always on the go

Help ensure data, alerts and assessments go with them



Giving healthcare professionals the tools and data they need, wherever they are.

Digistat Mobile® is a suite of mobile apps for the full spectrum of care: EDs, general wards, ICUs, surgical and specialist units. Suitable for any acute care setting, Digistat Mobile helps ensure clinicians always have access to patient data, alerts, and assessment tools.

Six key features —six key clinical benefits

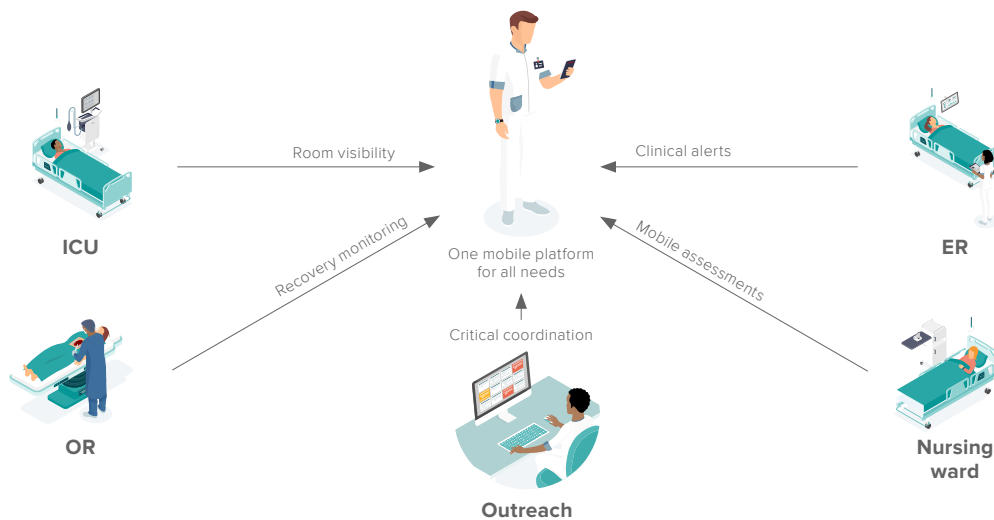
- Supports any type of mobile patient assessment/evaluation tool (NEWS2, Aldrete, VTE etc.)
- Imports data directly from medical devices and systems to help minimise manual inputting and errors
- Flags potential deterioration and triggers early intervention. Alerts - together with clinical decision support - go to clinicians' mobile devices
- Provides periodic reminders of required assessments to help ensure the correct implementation of care protocols
- Makes all patients visible. Alerts and medical device data from patients in single occupancy rooms go to clinicians' mobile devices
- Helps optimise efficiency by alerting healthcare professionals of changes in workflows and task management

A single-architecture answer for multiple healthcare needs

Mobile apps have a tremendous potential to streamline care delivery. But when installed as a one-size-fits-all solution, they can actually hamper communications. That's because each workplace has a unique layout, needs, infrastructure, and so on. Merely deploying mobile apps to meet these

different needs could mean more islands of data that can't communicate with one another. Digistat Mobile, however, consists of modules that share a single architecture and a seamless user interface. So staff spend less time worrying about technology, and more time using it to help patients.

A mobile solution to address multiple needs



Mobile assessments

Conventional paper-based assessments are time-consuming and prone to human error. Transcription errors and/or missing forms can lead to incorrect records. Then there's double documentation; when data already written on paper has to be entered into the master record.

But there is a proven alternative. Digistat Mobile supports multiple assessments in a single application. Results can pass directly into the patient record without delay and without double documentation. All previous results are visible, giving an overview of a patient's condition over time. Calculations are performed automatically. By integrating with clinical systems

and medical devices, data can be automatically fed into the assessments to help minimise errors.

Digistat Mobile supports various input methods. Manual inputting is supported by list entries, radial buttons, photos, audio and free text. Nurses can validate automatically collected data, into the record, or edit as necessary. Where medical devices cannot output data, Digistat Mobile supports optical character recognition. This lets healthcare professionals capture vitals with their smartphone cameras, then validate them directly in the assessment form.

The full story on every patient

Different patients require different assessments. However, simply collecting vitals or calculating NEWS2 for all patients isn't enough. That's why Digistat Mobile is customisable and comprehensive: you can assess all patients, with the assessments they need—all from a single mobile application.

Clinical alerts

How can highly mobile clinicians always be aware of a patient's condition? How can they be aware of sudden changes and potential deteriorations? And how can they trigger alerts to multidisciplinary teams?

The answer lies in ensuring clinicians have access to:

- Data from integrated medical devices
- Data generated by a range of assessments
- Alerting systems capable of initiating appropriate responses
- Clinical Decision Support Systems (CDSS)

Digistat Mobile makes all the above possible. Clinicians - regardless of their location and current tasks - are always in the loop. Data from devices and assessments are automatically harvested and fed into their mobile devices, as are alerts of sudden changes in a patient's condition.

With embedded CDSS tools, clinicians can be reassured that care protocols and response rules are always followed. Alerts are automatically triggered when patient values exceed pre-selected parameters. The alert can automatically be directed to a clinician on their mobile device from anywhere within the hospital, allowing quick decision making on a patient's condition.



Barcode medication administration

Digistat Mobile supports a full electronic medicine administration process, using GS1 barcode scanning for accuracy. Integrating with systems such as CPOE, ADT, and e-prescribing, help ensure accurate medication lists for each patient. The application clearly highlights when medications are due or overdue, and reminds staff.

Clinical decision support tools within the application clearly flag the presence of patient allergies. When witnesses are required, the application provides a pop-up with easy log-in for the witness to sign without delaying the process.

The human and financial cost of medication errors

More than 237 million medication errors are made every year in England alone, the avoidable consequences of which cost the NHS upwards of £98 million and more than 1,700 lives every year, indicate national estimates, published online in the journal *BMJ Quality & Safety*¹.

The harm caused by medication errors have been recognised as a global issue, amid increasingly complex healthcare needs and the introduction of many new medicines.

¹ <https://www.bmj.com/company/newsroom/237-million-medication-errors-made-every-year-in-england/>

With you every step of the way

We specialise in devising and implementing clinical communication and coordination solutions. We know what training is needed. And critically, we know how to minimise the disruption that new technical solutions can mean for busy care teams. That's why we're with you every step of the way: from pre-installation consulting with our team of in-house Registered Nurses, right through to training and a global support network.



Keeping all patients visible. All the time.

Isolation is a necessary part of modern care. But this can mean some patients risk becoming 'invisible'.

Digistat Mobile eliminates this danger by delivering near-real-time medical device data, waveforms and alerts from isolated patients to clinicians' mobile devices. In other words, a patient's condition is always visible to healthcare professionals - no matter how stringent the infection control measures.

Alerts from medical devices can be sent directly to healthcare professionals, along with the details and contexts they need in order to prioritise their responses. Webcams can be integrated with healthcare professionals' mobile devices, making it possible to visually monitor patients.

Visibility in healthcare

Visibility directly impacts communication, teamwork and patient overviews. The preference is for the patient to be constantly visible, as this provides information (such as body language) that is so important when assessing patients.

But how can you maintain such visibility for highly mobile clinicians... especially with the increasing use of single-patient rooms? One important advance is the availability

of solutions such as Digistat Mobile, where clinicians can visually monitor patients from virtually any location within a facility.

What makes Digistat Mobile particularly powerful is its combination of visual with clinical and assessment information. The clinician can always see a patient's condition, while simultaneously receiving a range of clinical data from integrated devices and assessments.

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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 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 Mobile 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 operating businesses in 18 countries and employs around 1,300 people worldwide. Ascom registered shares (ASCN) are listed on the SIX Swiss Exchange in Zurich.