



Dräger Access and Control Package Medical Systems Solutions

Increase flexibility and convenience when operating the Infinity® M540 Patient Monitor. You will be able to improve your access to medical-grade data – safe, aggregated and flexible. Accompanied by selected remote functionalities, you could enhance your daily workflows as well as your situational awareness while simultaneously supporting patient comfort and safety. The basis for this is the ISO/IEEE 11073-SDC standard, which enables the interoperability of medical devices.

Benefits

Reach the next level of patient surveillance

At Dräger, we are committed to Improving Acute Care and believe that connectivity is a key element to overcome today's clinical challenges. We envision a future of Acute Care where medical devices are connected as a system. With our Access and Control Package, we are taking the next step to empower lifesaving medical products with system functionalities to improve data availability at the point of care and streamlining clinical workflows with safe remote-control capabilities of medical devices.

Increase data accessibility for individual decision support

Make informed decisions and interventions using aggregated patient data of vital signs, trends and events. Our real-time monitoring data visualisation with event history, access to 96 hours of tabular and graphical trends and other patient data addresses the need for simplified handling with the potential to improve clinical decision-making.

The Access and Control Package has an innovative user interface including the variance of different configurations answering your individual needs. Support of timely intervention during critical situations by finding alarms and events quick and easy with the integrated Event Bar.

In addition, it can deliver access to further clinical applications on the same screen to combine relevant information from multiple sources. Using an appropriate Medical Grade PC allows you to run applications such as Patient Data Management or your Hospital Information System in parallel.

Improve workflow and ergonomics

The comprehensive real-time data visualisation with its flexible display positions optimises your daily workflow on documentation and patient care. With the Access and Control Package you get not only access to the data but even control over the connected device.

The system is network based and does not require a direct wired connection between patient monitor and independent display. The hardware independent application Core gives your hospital the freedom of choice of hardware supplier and display sizes to suit your needs. This allows a flexible positioning of Core which can be placed wherever it is needed. Thanks to the interoperable access to the M540 patient monitor, Core can be mounted next to your patient, in the near vicinity or even outside the patient room, but still in actionable distance. From that location you are able to control the connected M540 patient monitor with regards to the change of alarm settings, to pause alarms, to start/stop NIBP measurements and to edit patient data.

Support patient comfort

Our Access and Control Package helps you to potentially reduce your patients' noise exposure at the bedside.

With the ability to remotely access and control the Infinity M540 patient monitor from outside the patient room, it reduces the need to disturb the patient rest for routine tasks. Thus, using Core supports patient comfort thanks to fewer disturbances.

In combination with the Infinity CentralStation you may put the bedside monitor into privacy mode to create a more healing environment without alarm nuisance while still having access to device settings, alarms and patient status.

Benefits

Protect patients and staff

Protect your patients and staff by supporting hospitals' infection prevention measures with the remote control capabilities of the larger monitoring display.

The need of direct personal contact will be reduced, and cross contaminations can be avoided* when taking care of infectious patients like in isolation room scenarios or to protect immunocompromised patients. Minor tasks can be done from the outside and do not require staff to put on personal protection equipment.

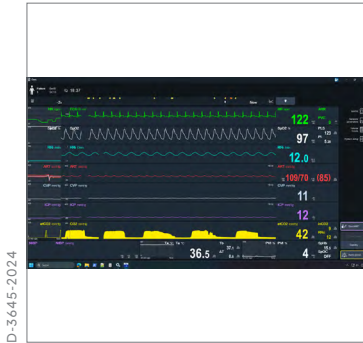
The Access and Control Package supports patient surveillance thanks to the improved data availability and visibility. The retrospective view of vital signs, alarms and context in the waveforms and the improved visualisation of vital signs and alarms from a greater distance can support situational awareness and improve patient safety.

* Weber DJ et al., Am J Infect Control. 2010 Jun

Be future-ready with secured standardised communication

Create a safe and dynamic connectivity in your hospital where medical devices and information systems can run using the international ISO/IEEE 11073-SDC standard for open medical device connectivity and interoperability. This can reduce complexity and installation time of integrated technologies. This state-of-the-art secure connection uses end-to-end authentication and authorization allowing SDC to better align with your Cybersecurity strategy of your hospital.

System Components



Core

Via our Core application you will be able to remotely access and control different patient parameters clearly arranged from one or up to five screens in- or outside of the patient room. You can view all needed parameters, get access to trends, event history and alarms plus additional patient data. Furthermore you can control and change the alarm limits, start/stop the NIBP measurements and silence the alarms on your Infinity M540 patient monitor.



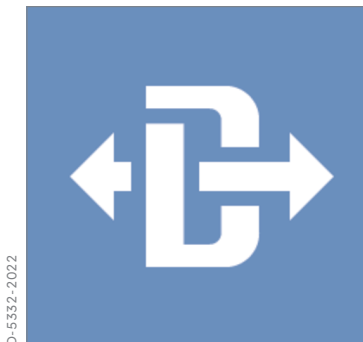
Infinity M540SA Patient Monitor

Streamline your workflow and support patient safety with a single monitor that follows the patient throughout the entire care pathway. With standalone capabilities, the Infinity M540 monitor moves seamlessly from bedside to transport – with continuous surveillance to reduce undetected events and support a more complete patient record.



Medical Grade PC 21.5" or 24.1" (optional)

The panel PC is a state-of-the-art medical grade computer that supports clinical software applications and networked information at the point of care to provide relevant information for clinical decision making. With its quiet and hygienic fanless design it is ideal for use directly in the patient vicinity.



ServiceConnect® Gateway

The ServiceConnect® Gateway (SCG) supports uptime of Dräger products by enabling access to log files, firmware distribution via the network, TLS certificate management and remote IT support. It also serves as enabler for Data Analytics services. The SCG is a server application running in the hospital IT infrastructure on standard windows operating systems. It requires permanent internet connectivity to Dräger using a state-of-the-art secure network communication.

Related Products

D-10185-2018



Infinity® CentralStation Wide

Viewing comprehensive real-time and retrospective clinical data supports you in making the most effective care decisions for your patients. Infinity® CentralStation Wide brings hemodynamic vital signs together with values from interfaced ventilators and anesthesia devices.

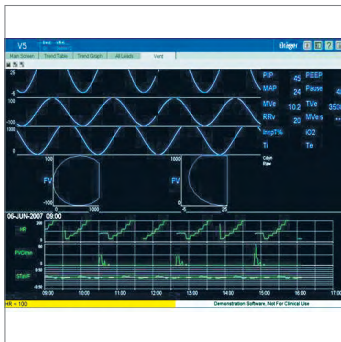
D-4263-2023



Dräger Mobile Patient Watch

Your access to patient information anytime, anywhere. With Mobile Patient Watch, you receive location-independent access to clinical patient information on mobile devices, tablets or desktop PCs. Customise the application to your care area's needs and perform supervision and remote consultancy based on the near real-time data from Infinity® Dräger patient monitors, ventilators and anaesthesia devices.

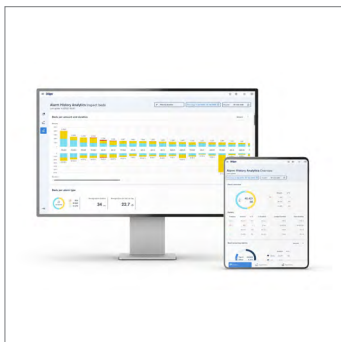
D-1195-2009



Infinity® Gateway Suite

Get the most out of your clinical information systems. Integrate data from Dräger monitoring and therapy devices with lab results, entries in electronic medical records and clinical information systems across hospital departments. Infinity® Gateway applications, interfaces and developer tools enable you to exchange information for a more comprehensive view of your patients.

D-6388-2023



Dräger Alarm History Analytics

Gain continuous insights from your clinical alarms with Alarm History Analytics. This solution supports your alarm management strategy and provides a customised analysis of the alarms occurring from your Infinity® patient monitors. Identify the causes of high alarm quantities in your units and monitor the results of countermeasures over time in the dashboard.

Technical Data

Minimal Technical Hardware Requirements for the application Core

PC	Suitable for continuous operation
Processor	Intel Core i5-8365U with 1.60 GHz
Graphics processing unit	Intel UHD Graphics 620
Random access memory (RAM)	8 GB
Hard disk space	128 GB
Screen	Multi touchscreen with at least four touch points
Screen size	18.3" (16:9 aspect ratio)
Luminance	250 cd/m2
Screen resolution	1920 x 1080 px
Viewing angle (vertical and horizontal)	150°
Operating System	Windows 10 Pro or Windows 10 Enterprise (22H2 Build 19045.3208 or higher) Windows 11 Pro or Windows 11 Enterprise (23H2 Build 22631.2506 or higher)

The hardware used must correspond to the guidelines for the intended environment of use.

Technical Hardware Requirements for the Server for the M540 Converter Service software*

CPU	Intel Xeon E5-1650 v3 (with at least 3.5 GHz, 6 cores) or similar
RAM	16 GB
Hard Drive	100 GB
Ethernet	2 x LAN: 1000 MBit Ethernet or 1 LAN: 1000 MBit where SDC traffic is routed into other networks at switch
Architecture	x64
Operating System	Microsoft Windows Server 2022 (Build 20348.2227) or higher

* This server-based software converts protocols from the Infinity M540 to ISO/IEE 11073-SDC standard and vice-versa. One server can support up to 48 connected Infinity M540SA Patient Monitors. We also support VM.

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