



Dräger Mobile Patient Watch Clinical Applications

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.

Benefits

Provides location independent access to patient status information

The Dräger Mobile Patient Watch is an innovative solution that provides you with mobile access to near real-time data from Dräger patient monitors, ventilators, and anaesthesia devices. Connected devices display all in waveforms, vital signs, and trends of all the patients in your care areas. Additionally, ventilation parameter settings are available in Mobile Patient Watch. This information can complement the historical information in an electronic medical record (EMR) to support decision making. Mobile Patient Watch offers the following versatile viewing options:

- **Monitoring view:** Shows patient monitor waveforms, parameters and minitrends for a selected patient.
- **Anaesthesia view:** Shows inspiratory and expiratory anaesthesia gas values and ventilation waveforms, parameters, settings and minitrends for a selected OR patient.
- **Ventilation view:** Shows ventilation waveforms, parameters, settings and minitrends for a selected ICU patient.
- **Numeric view:** Shows aggregated view of parameters from a patient's connected patient monitor and additionally either a ventilator or anaesthesia machine. Additionally, bispectral index (BIS) monitoring and neuromuscular monitoring (ToFscan®) information are available for supervising depth of anaesthesia and muscle relaxation.
- **Tabular trends view:** Shows the trended values of recorded vital signs and parameters at regular intervals for a selected patient.
- **ECG view:** Visualises all available ECG leads per patient.

Enables remote supervision and consultancy*

Using the Mobile Patient Watch, you can implement an additional layer of patient safety. In addition to your existing Dräger Infinity® patient monitoring systems and Infinity® CentralStations, Mobile Patient Watch offers you the ability to access patient status information for supervision or remote consultancy throughout the hospital, no matter if the patient is in the emergency department, operating room, intensive care unit, or a normal ward.

* Mobile Patient Watch should not be the sole or primary source of data used when making a diagnosis or determining therapy needs. Nor should it be considered an alarm distribution tool. The application does not annunciate clinical alarm conditions that are detected by bedside medical devices and systems.

Accessible on a broad variety of end devices**

The Mobile Patient Watch allows you to use it flexibly wherever you need it. A wide range of iOS, Android and Windows-based end device are supported, ranging from mobile phones to tablets and desktop PCs. The application supports BYOD (Bring Your Own Device) strategies so that it can run on your compatible existing end devices.

** Please refer to the technical data chapter of this product information brochure for more information about compatible devices.

Customisable to your personal needs

You can configure the application to your individual needs by defining patient favourites for your care areas in the "My Patients" list of Mobile Patient Watch and configuring the visualised parameters and waveforms based on your personal preferences.

Compatibility with your existing medical devices***

Mobile Patient Watch supports a broad range of Dräger medical devices, including patient monitors, ventilators and

Benefits

anaesthesia machines that provide their data on the Infinity® network.

*** Please refer to the technical data chapter of this product information brochure for the full list of supported patient monitors, ventilators and anaesthesia machines.

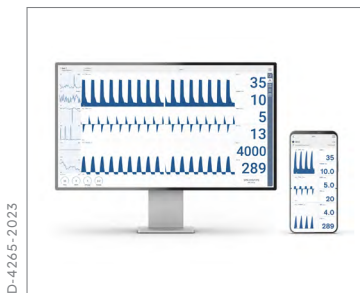
Designed to keep patient information secure

Mobile Patient Watch is an HTML5 web application that keeps patient information protected. Data from the Infinity® network is encrypted when transferred and kept on-premise, from where it can be accessed by authenticated users throughout the hospital or via a VPN connection from outside the hospital network.

Details



D-4262-2023
Monitoring view



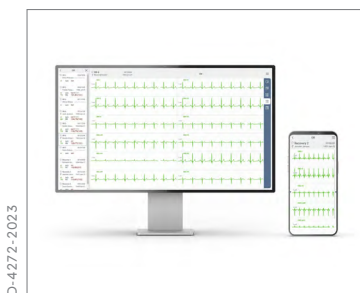
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Ventilation view



D-4266-2023
Anaesthesia view



D-4270-2023
Numeric view

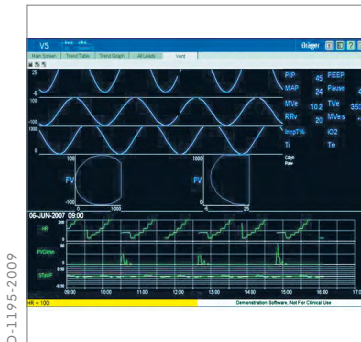


D-4272-2023
All ECG view



D-4273-2023
Tabular trend view

System Components



D-1195-2009

Infinity® Gateway Suite

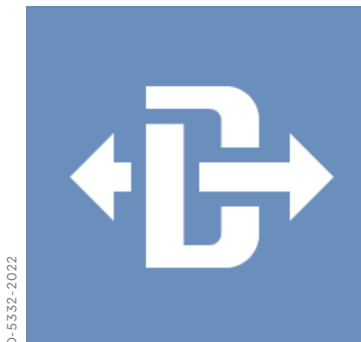
Get the most out of your clinical information systems. Integrate data from Dräger monitoring and therapy devices with lab results, entries in electronic medical records and clinical information systems across hospital departments. Infinity® Gateway applications, interfaces and developer tools enable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



D-5248-2023

Mobile Patient Watch Server

The Mobile Patient Watch Server receives data from medical devices via the Infinity® Gateway Server. The server makes the data available to the Mobile Patient Watch application, which can then be operated via the hospital network.



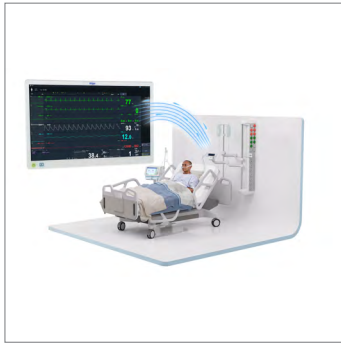
D-5532-2022

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-3667-2024



Dräger Access and Control Package

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.

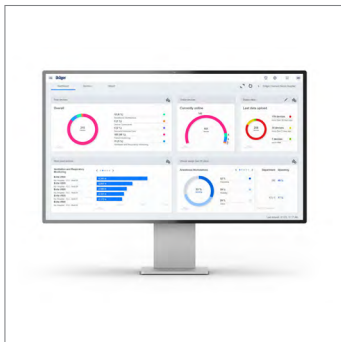
D-30093-2020



Dräger Alarm and Information System

Your solution to distribute alerts to assigned caregivers in the unit. The Distributed Information System (DIS) provides additional alarm information for clinical staff in the patient vicinity. Caregivers are location-independently informed about point-of-care alarms from Dräger patient ventilators and monitors via central stations and mobile phones.

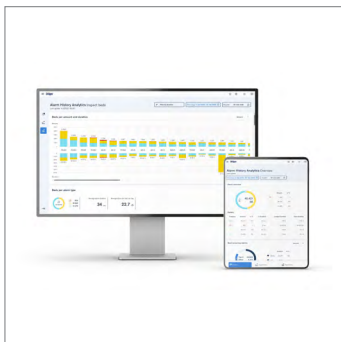
D-6379-2023



Dräger Device Utilization Analytics

Improve the security, performance, and uptime of your networked medical device fleet with Device Utilization Analytics. The solution consolidates relevant information about the utilisation of your networked devices. This enables you to easily monitor device status in near real-time, review historical utilisation information and check the current software status of your Dräger medical devices.

D-6388-2023

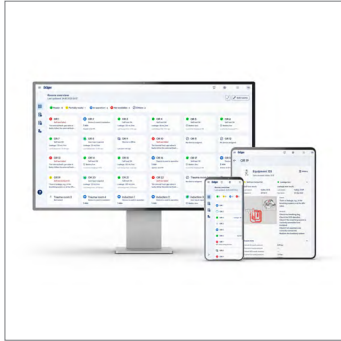


Dräger Alarm History Analytics

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.

Related Products

D-6389-2023



Dräger OR Companion

Check the live status of your operating rooms and support an effective management of the OR department with the OR Companion. Upgrade the solution with the Self-Test Tracker option to streamline staff workflows for the daily anaesthesia system test procedure, protect patients and achieve a high uptime of anaesthesia workstations.

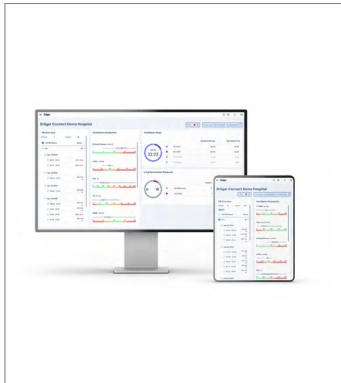
D-6380-2023



Dräger Gas Consumption Analytics

Discover insights into your anaesthetic gas consumption with Gas Consumption Analytics. The application helps you to monitor the implementation of lung-protective ventilation strategies and derive financial insights from the agent consumption of connected anaesthesia devices by Dräger. Utilise the application to create transparency on consumption uptake, efficiency, cost and applied fresh gas flows.

D-8455-2023



Dräger Lung Protective Ventilation Analytics - Anaesthesia

Identify actions to improve patient ventilation therapy with Lung Protective Ventilation Analytics - Anaesthesia. The automatically generated dashboard provides insight into the quality of ventilation by analysing parameters, modes, and recruitment manoeuvres. Enable a consistent implementation of lung protective ventilation practices and benchmark ventilation performance against pre-defined goals to achieve a high standard of ventilation therapy.

Technical Data

Compatible Dräger medical devices*

Patient monitors	Infinity® Acute Care System, Infinity® M540 SA, Infinity® Delta, Infinity® Delta XL, Infinity® Omega, Infinity® Omega S, Infinity® M300, Infinity® M300+
Patient ventilators	Babylog® VN800, Babylog® VN600, Babylog® VN500, Carina®, Evita® V800, Evita® V600, Evita® V500, Evita® V300, Evita® XL, Evita® 4, Evita® 2D, Savina® family
Anaesthesia workstations	Perseus® A500, Atlan® family, Zeus® IE, Primus® family, Fabius® family, Apollo®

* when connected via Infinity® Gateway

Network requirements

Bandwidth	Minimum 1 Gbit/s in the network connecting data sources and servers
Ports	8443 (by default), configurable

Recommended devices

The software can be viewed and used in full on recommended devices. The sweep speed of waveforms according to the parameter specifications mentioned in the Instructions for Use is ensured.

Mobile application

Devices with iOS 17 (or higher) operating system	Browser	Apple Safari (current version)
	Graphics resolution	2532 x 1170 px (460 ppi)
		2778 x 1284 px (458 ppi)
		2790 x 1290 px (460 ppi)

Desktop application

Desktop applications with Windows 11 operating system	Graphics resolution	1920 x 1080 px (24 inch)
	Browser	Microsoft Edge (current version)
		Google Chrome (current version)

Technical Data

Compatible devices

The software can be fully viewed and used on compatible devices. The sweep speed of waveforms can deviate from the parameter specifications mentioned in the Instructions for Use, but always remains the same on the same device.

Mobile applications

Devices with iOS operating system	Pixel density	326 ppi to 563 ppi
	Version	iOS 17 and higher (current version)
	Browser	Apple Safari (current version)
	Graphics resolution	1334 x 750 px to 2790 x 1290 px
	Aspect ratio	1.8:1 to 2.2:1
Devices with Android operating system	Pixel density	393 ppi to 563 ppi
	Version	Android 13 and higher (current version)
	Browser	Chrome (current version)
	Processor	CPU-octa-core 2x2.5 GHz
	Graphics resolution	2400 x 1800 px to 3200 x 1440 px
	Aspect ratio	1.8:1 to 2.2:1

Desktop application

Desktop applications with Windows 11 (and higher) operating system	Browser	Microsoft Edge (current version) Google Chrome (current version)
	Graphics resolution	1920 x 1080 px (24 inch)

Note: Further technical information is available on request.

Mobile Patient Watch Software – Server Platform Requirements

Operating system	Windows Server 2019 or Windows Server 2022
CPU	3.2 GHz (64-bit processor) or faster
Storage	500 GB minimum
Memory	32 GB RAM minimum
I/O	USB port (recommended)
Video	1024 x 768 or higher, 256 or more colors
Network	Gigabit Ethernet adapter
Drive	CD-R or DVD+/-R (recommended)
UPS	Uninterruptible power supply is optional; recommended to ensure continuous operation during brief losses of power and to protect the system from power line disturbances.

Technical Data

Infinity® Gateway server platform requirements*

Infinity® Gateway Server software	Version VF9.0 or VF9.1
Hardware & software requirements	3.2 GHz (64-bit processor) or faster
Operating system	Windows Server 2019 or Windows Server 2022
Storage	500 GB minimum
Memory	16 GB RAM minimum

* Limit of 64 monitored beds per Infinity® Gateway server installation. Up to four Infinity® Gateway servers can be connected to one Mobile Patient Watch server resulting in a total of 256 beds.

Infinity® Gateway server software and Mobile Patient Watch software can be deployed on the same server via server virtualisation.

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