

## Infinity® Acute Care System patient monitoring solution

To streamline workflow and support decision making, Dräger created the Infinity® Acute Care System. This easy-to-use system teams the Infinity® M540 mobile monitor with the Dräger Medical Cockpit®. The monitor moves with the patient on transport\*, integrates monitoring, anesthesia and ventilation data on a single screen at the bedside, and broadcasts it to the hospital network.



### STREAMLINES CLINICAL WORKFLOW

The Infinity Acute Care System patient monitor is a breakthrough in patient transport, connectivity and configurability. This fully networked solution allows a single monitor to follow the patient during the entire care pathway to minimize the possibility of missing events on transport. Real-time surveillance is continuous – both at the bedside and on transport throughout the hospital campus.

At the same time, this innovative solution brings data to the point of need and opens the flow of patient information throughout the hospital and beyond to support time-critical decision making and a complete patient record.

The patient monitoring system includes:

- Infinity M540 mobile monitor: Acquires patient data at the bedside and on transport, without having to disconnect patient cables
- Dräger Medical Cockpit: Provides a large, clear view of your patient's real-time vital signs at the point of care, together with comprehensive patient data – such as images, historical data and other networked clinical information. Available in two sizes: C500 (17"/43.18 cm) and C700 (20"/50.8 cm)

### CONNECTIVITY ENABLES VIEWING OF ANESTHESIA AND VENTILATION DATA

Recent advances in connectivity enable us to bring waveforms and data from Dräger anesthesia devices and ventilators (as well as selected data from third-party devices) to a monitoring workstation that gives you a single, consolidated picture of your patient's condition.

New connectivity capabilities:

- Monitors O<sub>2</sub>, N<sub>2</sub>O, CO<sub>2</sub>, and anesthesia agents (with automatic agent identification in selected Dräger-to-Dräger workstations) on a single display
- Monitors a wide range of anesthesia-specific parameters, including Bispectral Index (BIS) and Neuromuscular Transmission (NMT) via external device connectivity
- Broadcasts data from anesthesia and ventilator devices and relevant patient data to the Infinity Network
- Monitors a wide variety of ventilation parameters for patients, from neonatal to adult

When coupled with a Dräger ventilator, the Infinity Acute Care System integrates respiratory information from the ventilator with hemodynamic data from the Infinity M540. The result is advanced application support of lung recruitment and comprehensive, configurable trends of respiratory and physiological responses to therapies.

## INFINITY M540 MOBILE MONITOR

### Portable

undocks easily, without the need to disconnect patient cables

### Wireless

once undocked, automatically sends data wirelessly to the Infinity Network via industry-standard Wi-Fi®

### Water-resistant

splash-resistant and submersible for protection against fluids\*

\* Tested by submersing unit in 30 cm (11.8") of water for 10 minutes

### 180° flip screen

automatically flips for proper visual orientation when docked at either side of the patient



## INFINITY M500 DOCKING STATION

### System networking

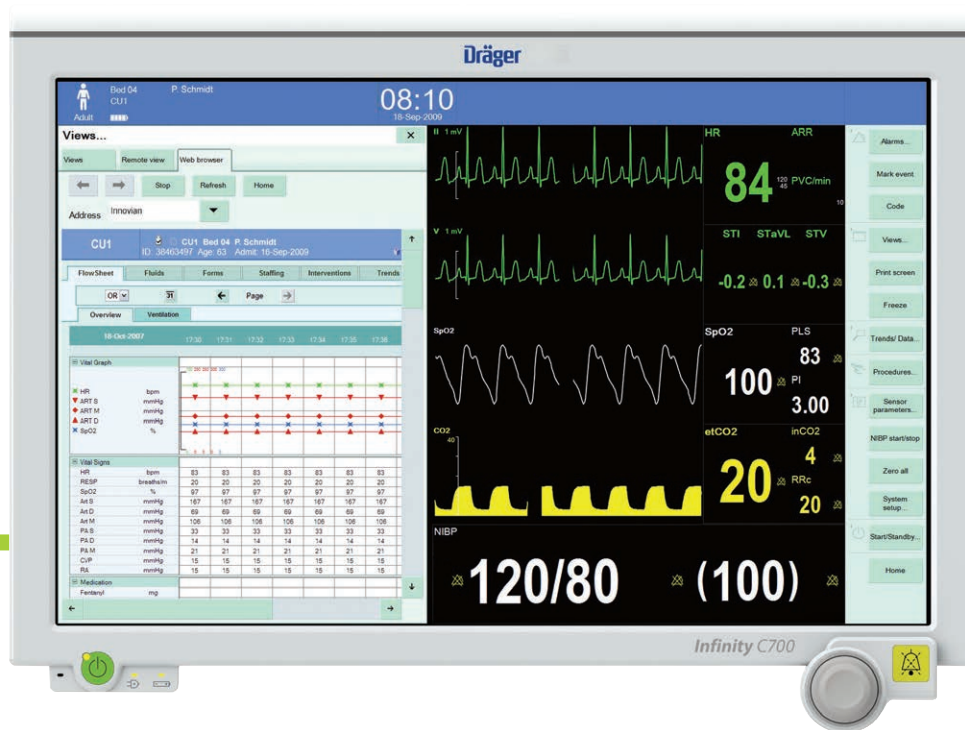
provides system networking and communication between the M540 and Medical Cockpit® via the P2500 Power Supply

### Recharging

powers the M540 when docked, recharging the internal battery for transport

## 180° FLIP SCREEN





## INFINITY MEDICAL COCKPIT

**360° alarm light**  
makes alarms visible from  
anywhere in the room

**Integrated information**  
provides easy access to  
vital signs data, clinical  
applications, the hospital  
network, and the intranet

**Widescreen display**  
large 20" (C700) or 17" (C500)  
touch-screen display makes  
information easy to see from any angle

**Infection-resistant**  
fan-free, easy-to-clean  
design reduces risk of  
cross-contamination

**New multi-tab design**  
provides a highly configurable  
interface for fast and easy  
navigation through clinically  
relevant information

### BRINGS DATA TO THE POINT OF NEED

Having all the information you need in one place saves time and supports decision making. The Infinity Acute Care System lets you view the data you need at the bedside on a single touch-screen display – including patient history, diagnostic images and lab results – together with real-time hemodynamic information. Plus, the system automatically notifies you when lab results are ready.

If patient demographic information is available, it automatically populates on the display at the push of a button\*. The Medical Cockpit stores trend data and sends real-time waveform data to the Infinity CentralStation for viewing and storage in full disclosure format.

Expand system capabilities with integrated IT applications via a Web interface or Citrix®. And view Web-based images at the point of care side-by-side with real-time hemodynamic information.

### SAVES TIME AND EFFORT ON TRANSPORT

The patient monitoring system's intelligent Pick and Go® data management technology saves time before and after each transport. Simply undock the M540 and it automatically switches to wireless mode – no need to change monitors or cables.

Patient safety is supported on transport with full parameter monitoring, alarms, and event and trend storage. On transport, the M540 broadcasts patient data wirelessly to the Infinity Network – where it can be accessed at the Infinity CentralStation and by remote viewing devices. When the monitor is docked in a new location, the data from the previous Medical Cockpit follows the patient to the new location, providing up to 96 hours of continuous trend data and backfilling all data collected during transport.

### SUPPORTS ALL PATIENT TYPES AND ACUITY LEVELS

Your patient's condition can change in a heartbeat. With the Infinity Acute Care System, you can easily adapt monitoring to your patient's changing acuity. For example, you can add MPod® and MCable® accessories and Dräger consumables to support additional parameters as needed.

## NEW ADVANCES IN DEVICE CONNECTIVITY WITH INFINITY ACUTE CARE SYSTEM

	Dräger-Dräger connectivity	Third-party connectivity
Emergency Room	Dräger Oxylog® 3000+	
Operating Room	Dräger Perseus® A500 Dräger Zeus® IE Dräger Primus® Dräger Primus® IE Dräger Apollo®	Covidien BIS Vista IDMed TofScan Merck Tof Watch SX
Intensive Care	Dräger V-series (Evita® V300, Evita® V500) Dräger Savina® 300 Dräger Evita® family (2D, 4, XL) Dräger Carina®	Maquet Servo-i Edwards Vigilance II SvO <sub>2</sub> /CCO Edwards Vigileo SvO <sub>2</sub> /CCO Edwards EV1000 SvO <sub>2</sub> /CCO
Neonatal Care	Dräger Babylog® VN500	

\* Requires Infinity® Gateway

# Patient Transport, Connectivity and Configurability – Hospital-wide

## EMERGENCY ROOM



- Patient is admitted
- Monitoring profile of the ER is loaded on Infinity® Acute Care System
- Trends, events and ST complexes are stored

## INDUCTION AREA



- Infinity® M540 is docked
- The Induction profile replaces the one from the ER automatically
- Data is stored continually without interruption

## INTENSIVE CARE



- Infinity® M540 is docked
- The ICU profile replaces the OR profile automatically
- Trends are retrieved from the Cockpit® at the anesthesia device
- Data is stored continually without interruption
- Trends from the ventilator are stored and displayed on the Cockpit®

## OPERATING ROOM



- Infinity® M540 is docked
- The OR profile replaces the one from Induction automatically
- Data is stored continually without interruption
- Trends from the anesthesia device are stored and displayed on the Medical Cockpit®

# Supports acute care



## EMERGENCY ROOM

- Automatically populates Admit/Discharge/Transfer from Hospital Information System via Infinity Gateway
- Saves time by switching seamlessly from bedside to wireless monitoring on transport
- Scalable parameters adapt to changes in patient acuity level
- Offers 12-lead ECG and ST complex data at the Infinity CentralStation and remotely via Infinity Symphony Suite
- Uses Masimo rainbow® SET® technology to monitor additional parameters on the M540



## OPERATING ROOM

- Integrates monitoring and anesthesia data on a single workstation
- Case summary report allows users to print all relevant reports with one keystroke
- Supports noninvasive Masimo rainbow SET® PVI® technology for intraoperative fluid management
- Includes ESU filtering and OR mode to optimize settings and alarms for the OR workflow
- Simplifies pre-op assessment, OR scheduling, intraoperative documentation and PACU/Recovery communications with Dräger's Innovian® and ICM solutions
- Exports data to patient information management systems for a more complete patient record



# all environments



## INTENSIVE CARE

- Integrates monitoring and ventilation data on a single workstation
- Key clinical parameters provide minimally invasive techniques for fluid optimization
- Interfaces to devices from other manufacturers
- IACS exports data, settings, modes and parameters from ventilator to Infinity Network
- Configurable “show-all” feature gives you fast access to the ventilator parameters you want to see



## NEONATAL CARE

- Uses neonatal-specific algorithms, including life-threatening alarms such as bradycardia, desaturation and apnea
- Supports baby-centric NICU workflow by consolidating information from the monitor
- Babylog® VN500 ventilator, and lab results on the Medical Cockpit
- Reduces nuisance alarms through configurable alarm validation settings

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#### As of August 2015:

Dräger Medical GmbH changes to  
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