



MT-1366-2007

**Integrating patient information
at the point of care –
while supporting hospital-wide transport**

INFINITY® OMEGA
SOLUTION

At Dräger, we understand that having comprehensive patient information is essential for providing quality care.

That's why we have taken patient monitoring to the next level by bringing the information you need where you need it – right to the point of care.

See more.

Know more.



To understand your patient's condition, you need to see the full spectrum of available patient data. Seeing real-time vital signs is the first step. But to make evidence-based decisions, you also need to see lab results, images and historical patient data.

Now you can see the big picture of patient information – all on one 20" widescreen display at the bedside – with Infinity® Omega.

Infinity Omega is Dräger's flagship patient monitoring solution that integrates an Infinity Delta series patient monitor and docking station with an Infinity C700 for IT workstation and Infinity Explorer software.

This synergy puts the information you need at your fingertips – which can support decision making, save time spent looking for information, and help reduce the potential for medical error.

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What is Infinity Omega?



Infinity Delta monitor with docking station

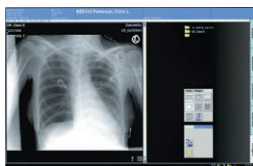
Infinity Delta series monitors can easily scale to support the needs and acuity levels of any patient, in any care unit. The monitor gathers and measures patient vital sign data at the bedside and on transport – providing a continuous display of real-time data. The patented Infinity Docking Station provides power and networking for the monitor while it is docked. Each care unit can pre-set relevant display options – such as parameter and waveform organization, screen configurations, and alarm limits – enabling the monitor to automatically display those preferences when docked in that department.



Infinity C700 for IT workstation*

This medical-grade workstation combines an industry-standard CPU with a 20" wide touchscreen color display that makes information easy to see, even from a distance. When combined with the Vitals Tab capability of Infinity Explorer software, the Infinity C700 more than doubles the number of monitoring parameters and waveforms that you can view on the Delta series monitor alone. The new fan-free design lowers noise and dust levels, and an optional rotary knob provides navigation in addition to the touchscreen.

*Infinity Omega is also available with a 17" MDS II or MDS III workstation. Contact your Dräger representative for more information.



Infinity Explorer software

Using an easy tab format, Infinity Explorer provides fingertip access to clinical applications. It can display all the parameters and waveforms that are available on the bedside monitor – including information from HL7 interfaces and data coming into the monitor from other point-of-care devices. Other capabilities include a DICOM Image Viewer and a Remote Bedside Viewer (requires Infinity Gateway). Infinity Explorer can also host up to four compatible Web-based applications and up to four Windows-based applications, and lets you access the Internet via Internet Explorer, according to hospital protocol.

Compelling clinical benefits



THE BIG PICTURE

The award-winning* Infinity C700 is a state-of-the-art medical-grade workstation that combines a CPU with a 20" wide touchscreen display. The durable glass surface provides optical brilliance and a wide viewing angle. The thin industrial design saves space at the bedside, while the quiet fan-less design supports hygienic environments.

COMPREHENSIVE PATIENT INFORMATION

Infinity Omega brings together patient data from diverse sources – such as vital signs, lab data, patient data management systems, and images in both DICOM and HTML formats, so you can see X-rays, scans and MRIs – and displays it on one screen. The widescreen can show vital signs, even when tabs are used to access different applications.

INTEGRATED TWO-SCREEN SOLUTION

Two separate screens simultaneously support multiple caregivers. The Infinity Delta displays vital signs at the bedside, while the Infinity C700 can be located where you need it to support your workflow – at the bedside, mounted from a ceiling or on a wall across the room, or even outside the room for isolation purposes.

DUAL CONTROL

To improve ergonomics at the bedside, Infinity Omega lets you control patient monitoring functions, such as alarms and zeroing, from either the Delta or the Infinity C700 – giving you two points of access for monitor controls.

SEAMLESS TRANSPORT

Because the Delta series monitor doubles as a transport monitor, the same monitor can stay with the patient throughout the continuum of care. This simplifies the monitoring and transport process, while eliminating the need for a separate transport monitor.

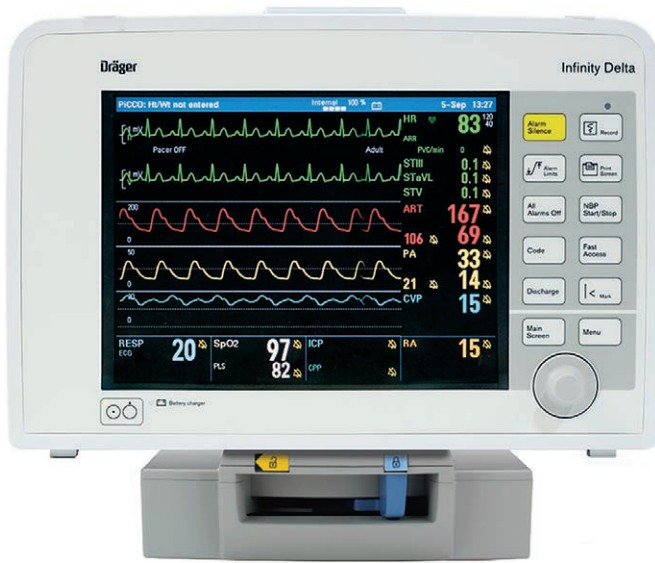


product
design
award

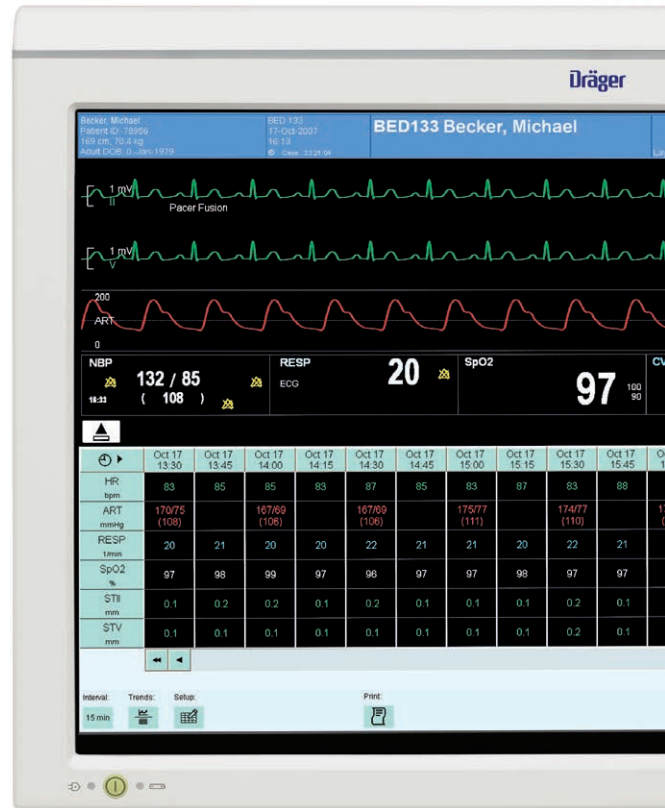
2009 ■

*The Dräger Infinity C700 received the 2009 Product Design Award from the iF International Forum Design.

How does Infinity Omega work?



MT-8851-2006



MT-1141-2009

Infinity CentralStation



MT-4526-2006

Remote Access



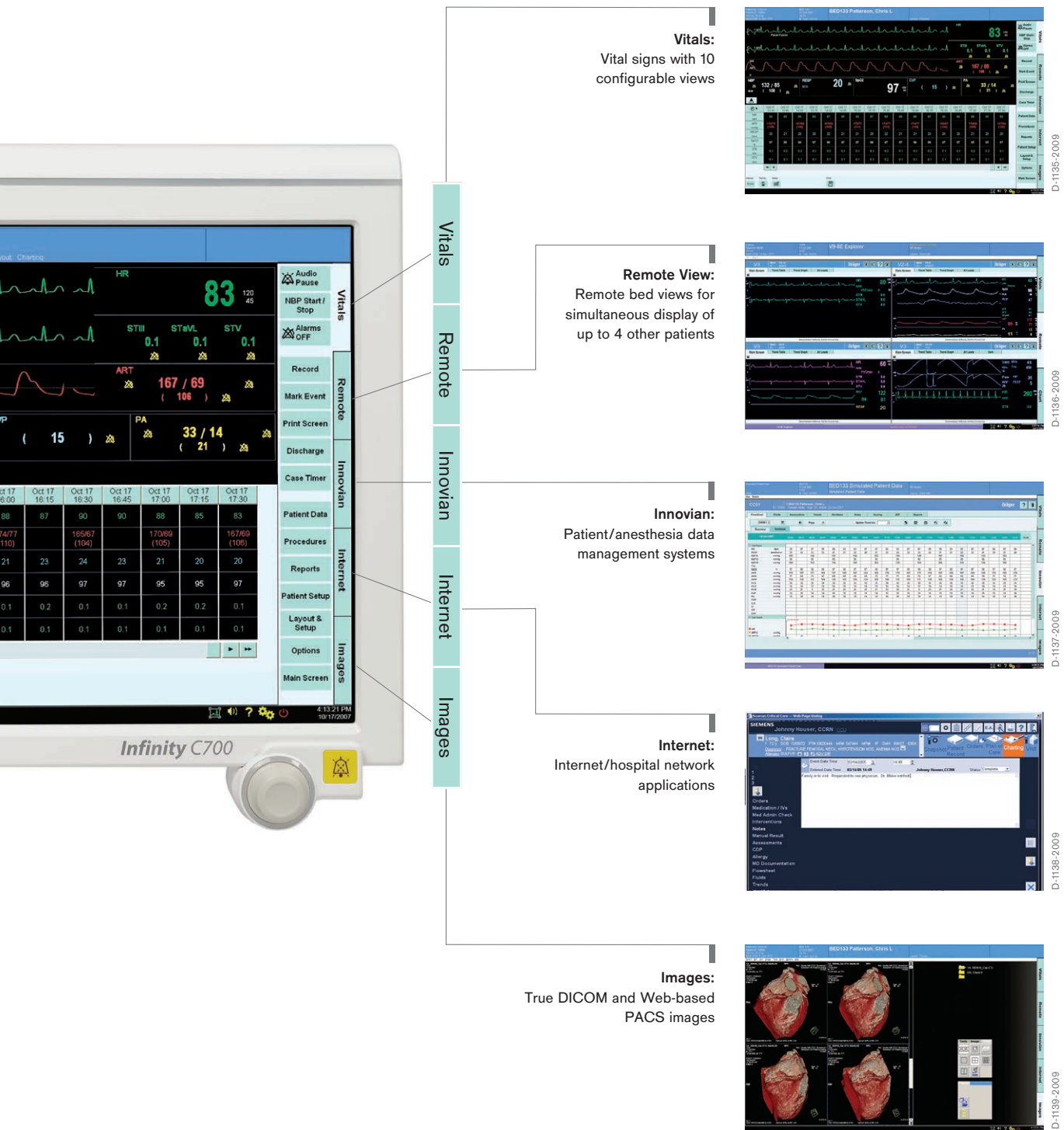
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Infinity Delta on transport



MT-2101-2008





Standard Hospital Network / Infinity Network (Infinity OneNet)

Infinity OneNet allows you to run wired and wireless monitors on the existing hospital network rather than requiring a separate network for patient monitoring.

Seamless wired-to-wireless transport

In addition to its two-screen advantage at the bedside, Infinity Omega also offers a superior in-hospital transport solution through Dräger's patented Pick and Go® technology.

Pick and Go technology enables you to pick up the Delta monitor and go with the patient on transport – so there's no switching of patients between bedside and transport monitors. No more waiting for a transport monitor to come back to the department. It's easier for you, and safer for your patients.

When the patient moves from one care unit to another, or leaves for a test and returns, you can undock the monitor from the Infinity Docking Station and take it along with the patient. All parameters that were monitored at the bedside continue to be monitored wirelessly on transport. When the patient reaches the next destination or returns to the unit, simply place the monitor onto the Infinity Docking Station and the monitor automatically reconfigures for that care unit.

Delta monitors support secure, encrypted WPA2 wireless networking, so they continue to broadcast vital signs to the Infinity Network during transport – enabling continuous surveillance and data collection at the Infinity CentralStation. Monitors not in wireless mode continue to collect vital patient data during transport. Once the monitor is docked, that data is made available to the Infinity Network and can automatically be accessed by Innovian®, Dräger's patient data management system – while trends and events can be sent to the Infinity CentralStation.



In the time it takes to prepare traditionally monitored patients for transport, Infinity Omega patients are already there — with no interruption of surveillance or data collection.





BENEFITS OF PICK AND GO TEC

- Monitors all parameters on transport that were monitored at the bedside
- Eliminates the need for separate transport monitors
- Allows one monitor to stay with the patient hospital-wide
- Seamlessly switches from bedside to transport, and wired to wireless
- Captures all patient data while on transport



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COMPLIES WITH PATIENT TRANSPORT GUIDELINES

Infinity bedside/transport monitors allow you to comply with the specification of the Society of Critical Care Medicine guideline that states, "All critically ill patients undergoing transport receive the same level of basic physiologic monitoring during transport as they had in the intensive care unit."

Source: Society of Critical Care Medicine: Guidelines for the Inter- and Intra-hospital Transport of Critically Ill Patients; J. Warren, MD, et. al. 2004

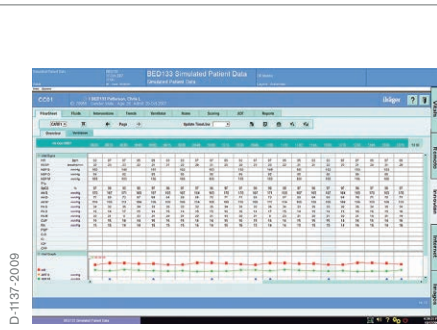


Integrate patient data at the bedside

With Infinity Omega, you can access clinical applications at the point of care and move among applications through an easy-to-navigate tab structure. One of the applications you can access is Dräger's Innovian Solution Suite – a powerful patient data management system that helps you integrate data from medical devices and departmental systems to create a comprehensive view of your patient.

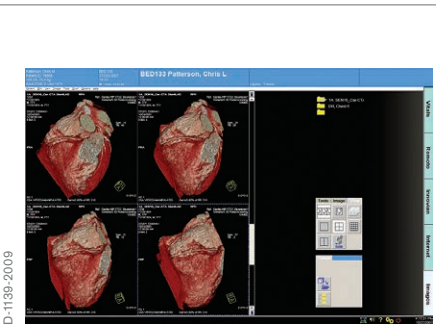
This data moves with the patient from one department, such as the Operating Room or Intensive Care Unit, to the next – giving you easy access to the information you need.

Infinity Omega also gives you easy access to your patient's archived ECGs via Infinity MegaCare® – Dräger's Web-based ECG management system – as well as diagnostic images such as DICOM, scans and X-rays.



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Innovian Critical Care



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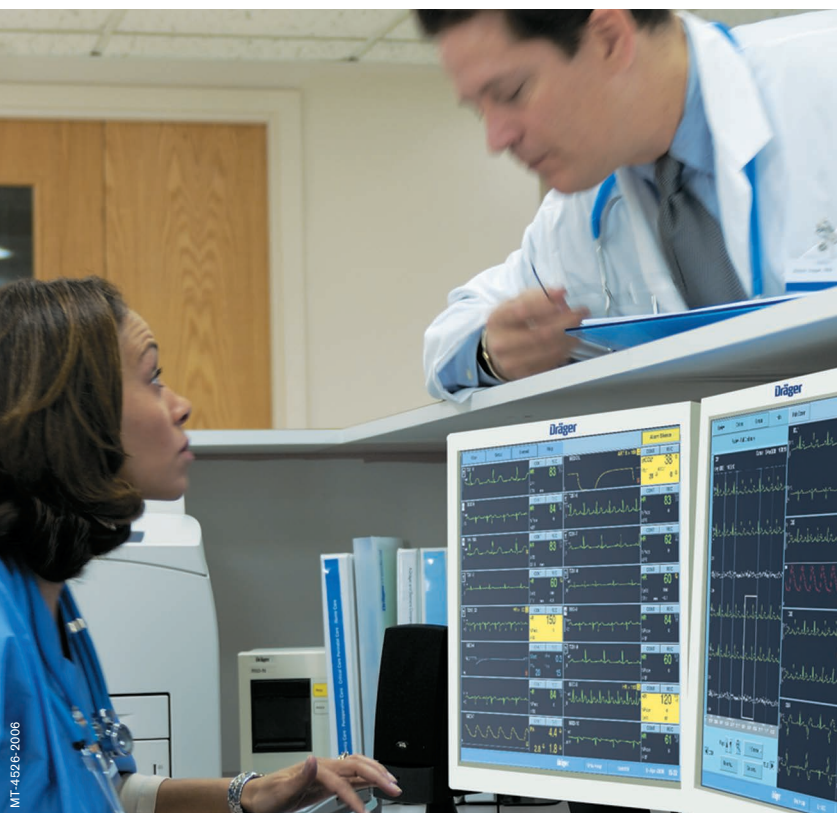
DICOM Images

Access patient data hospital-wide – and beyond

The value of Infinity Omega extends beyond the point of care and throughout the whole hospital. Patient information collected at the bedside and on transport flows through the Infinity Network to the Infinity CentralStation for central surveillance.

Remote access to your patients' vital signs information supports fast decisions – and when you choose Infinity Omega, you can take advantage of Dräger solutions that enable remote access.

For example, the Infinity Symphony Suite expands your access to valuable information stored at the Infinity CentralStation by making it available virtually anywhere on your hospital network – even from remote locations.





Infinity Omega. It's the next step toward realizing an integrated acute care environment.

Supporting all care areas



Part of a comprehensive solution

Infinity Omega is part of a totally integrated solution from Dräger, a global company with more than 100 years of experience in designing medical devices for critically ill patients.

Our Monitoring and IT Solutions include patient monitors for the bedside, in-hospital transport and telemetry. We also offer Web-based solutions for streamlining workflow and providing remote access, seamless wired and wireless networking – including a shared infrastructure option – and services to protect your investment. Our open platform gives you the flexibility to deal with changing hospital needs, while protecting your investment now and in the future.

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