One company, one system, one complete perioperative solution

Datex·Ohmeda

Devoted to caring for life

Designed by clinicians for clinicians

S/5™ Anesthesia System - a single, integrated perioperative solution

The S/5 Anesthesia System is a complete yet continuously evolving range of products
and services designed by anesthesia specialists specifically for anesthesia. Its primary
aim is to help you optimize patient management throughout the anesthesia process.
As a comprehensive system, it offers distinct advantages that simply cannot be gained
by combining products and services from different vendors.

System 5

- The same intuitive user interface in all products
- Clinical excellence in the choice and design of features and options
- Continuity of data from beginning to end of the anesthesia process, and beyond
- Open architecture with other devices and hospital systems
- Datex-Ohmeda's full commitment to future innovations and compatibility

System 5 – your single source of clinical excellence

The S/5 Anesthesia System is part of Datex-Ohmeda's System 5 product family.
System 5 serves five areas at the heart of patient care in hospitals: anesthesia,
post-anesthesia care, critical care, emergency and transport. The complete
product range is complemented by value-added services including technical
support, customer education and project management.

Anesthesia
Post-anesthesia care
Transport
Emergency
Critical Care

Monitoring
Anesthesia and life support
Care process management
Supplies & accessories
Services

Datex-Ohmeda - your future with us is assured

Supporting Datex-Ohmeda's commitment to the future of anesthesia and critical care is the solid
financial and strategic commitment of its parent company Instrumentarium Corporation.

- One of the largest global medical technology companies, with over 100 years of achievement
- Financially solid and growing, listed on the NASDAQ in New York for almost 20 years
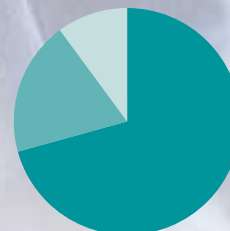
System 5

Instrumentarium Corporation has three business segments: Anesthesia and Critical Care, Medical Equipment, and Optical Retail. Anesthesia and Critical Care comprises **Datex-Ohmeda**, the world's leading supplier of systems and solutions for operating rooms and critical care areas, and **Deio**, the care information company. The Medical Equipment business segment comprises diagnostic imaging equipment units **Instrumentarium Imaging**, **Ziehm** and **Soredex**, as well as primarily infant care equipment manufacturer **Ohmeda Medical**.
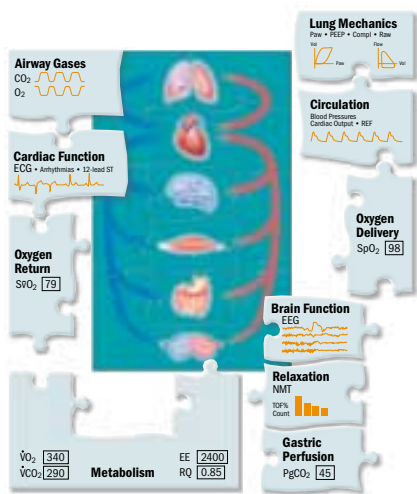
Instrumentarium
Net sales by business
segment, %
Net sales USD 1 billion
Equity ratio 50.3 %

- Anesthesia and Critical Care 70 %
- Medical Equipment 19 %
- Optical Retail 10 %

Optimized patient care in the OR

S/5 anesthesia monitoring, S/5 anesthesia delivery and Deio care information management form the most integrated system of products and options available for patient care in the anesthesia process today. This allows you to build your optimal workstation for each application, from routine surgery to the most advanced operations.

Adaptability

S/5 anesthesia monitoring offers a variety of unique clinical concepts and a full range of parameters. Its modularity makes it highly adaptable in virtually every clinical situation.

Easy access to information

The S/5™ Web Viewer lets you remote-view selected patient waveforms, trends and alarm information in real-time from a PC connected to the hospital intranet.

Anesthesia monitoring

S/5 anesthesia monitors are designed by anesthesia clinicians.

- A line of products that is comprehensive in scope, easy to adapt and intuitive to use
- Optimized for most applications
- Highly configurable for a wide variety of cases and users
- A modular platform you can build upon as your needs grow

Anesthesia delivery

The S/5 anesthesia delivery products allow you to choose your anesthesia machines and level of integration.

- Advanced ventilation features, gas delivery and agent vaporization integrated with patient monitoring and information management form a fully integrated anesthesia workstation
- Alternatively, an open architecture platform with a wide product range for different applications
- You can configure any of the S/5 products to fit personal preferences

Care process management

The S/5™ Network integrates monitoring, anesthesia delivery and care process management across the care areas. You can view waveforms, numerics, trends and alarms between any two monitors within the S/5 Network - from OR to OR or to the PACU. Also you can build the information management solution of your choice.

- The Deio™ care information management system is designed specifically for the S/5 Anesthesia System and, like all S/5 products, is very easy to use. It provides automatic anesthesia delivery and physiological data collection and documentation; no additional PC hardware is needed
- The S/5 Anesthesia System is also an open platform that allows interfacing with third-party information management systems

Fully integrated

The S/5™ Anesthesia Delivery Unit provides a platform for a fully integrated workstation combining anesthesia delivery, patient monitoring and information management.

Open architecture

The Aestiva/5™ has several variants which you can combine with S/5 anesthesia monitors to provide a wide range of solutions.
Your existing equipment can easily fit with the Aestiva/5's open architecture-monitors and accessories included.
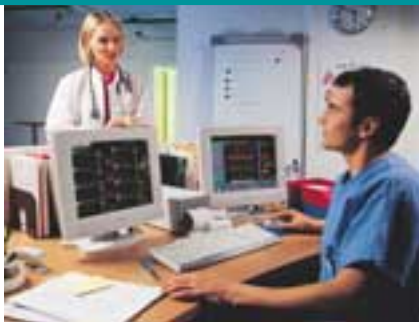
Optimized patient care in the PACU

S/5 anesthesia monitoring with the S/5™ Network and Central creates a
seamless, uninterrupted monitoring solution for the PACU.

In the PACU

Integrated hemodynamic and respiratory monitoring
data on all S/5 anesthesia monitor screens helps
ensure that your patient is adequately recovering
from anesthesia, for rapid discharge.

Networked monitoring

The S/5 Central is an easy-to-use central monitor
providing real-time patient information from one
location. You can review data and receive alarms
from other monitors in the network.

Transport monitoring

The S/5 Light Monitor with data card automatically
collects physiological patient trend data during
transportation and at the bedside.

PACU monitoring

S/5 anesthesia monitoring options allow optimization to
different levels of patient acuity.

- Easy, flexible monitoring configurable to your PACU needs
- Basic hemodynamic monitoring with the ability to add
  advanced parameters for higher acuity patients
- Essential parameter waveforms and numerics displayed
  with excellent visibility at a distance and from different
  angles
- Choose the monitor that best fits your needs

Data continuity

Networking gives you easy access to real-time
information about your patients when and where you
need it – at the point of care, at a central station, in other
care areas or in the doctor's office.

- The S/5 Network saves data generated at various points
  in the anesthesia care process. Central viewing,
  printing and real-time remote retrieval are also possible
- The Memory Module saves data when the monitors are
  not networked. Data is easily transferred between
  different care areas using data cards
- Continuity of vital signs measurement is also assured
  without interruption during transport using the
  S/5™ Light Monitor with an optional data card
- The S/5 WebViewer makes it possible to view patient
  information throughout the hospital intranet with a
  standard PC

S/5 Anesthesia Monitor

S/5 Compact
Anesthesia Monitor

Cardiocap/5

S/5 Light Monitor

A variety of modular and configured monitors

The S/5 Anesthesia System's comprehensive range of monitoring products lets you choose the monitor that
best fits your patient needs and environment. If your choice is a modular S/5 Anesthesia Monitor or S/5™
Compact Anesthesia Monitor, you can easily add parameters as your needs evolve. The configured Cardiocap/5™
and S/5 Light Monitor are economical solutions for effective monitoring.

Supplies and accessories

As we continuously improve the S/5 Anesthesia System's monitoring, anesthesia delivery and care process management capabilities, we provide supplies and accessories solutions to optimize the efficiency of our systems.

Smooth connections

The Datex-Ohmeda Multiparameter Cable combines ECG, SpO$_2$ and temperature in one light cable making the daily routine work easier and quicker.

Make the right connection

Datex-Ohmeda original supplies and accessories solutions are compatible with our devices and products.

- Tested and validated to help ensure high-quality patient care and reliable parameter readings
- Give you the benefits of the latest technology, greater ease of use and support over the lifetime of your equipment
- Cover applications from anesthesia to critical care in a wide range of sizes.

Patient monitoring

- Gas monitoring
- Hemodynamic monitoring
- Pulse oximetry
- Spirometry
- NMT
- EEG
- Tonometry

Airway management

- Humidification and filtration
- Breathing circuits
- Face masks and manual resuscitators
- CO$_2$ absorption

A single source of excellence

Designed especially for both adult and pediatric patients, the MechanoSensor makes it possible to accurately measure neuromuscular block in routine clinical use.

The D-lite™ +

Datex-Ohmeda 's unique D-lite ™+ flow sensor allows the simultaneous measurement of airway gases, lung mechanics and metabolism.

Support services

To complete its product range, Datex-Ohmeda and its local representatives offer you value-added services such as technical and implementation services and customer education.

Technical support

Datex-Ohmeda employs skilled service personnel worldwide to provide maintenance for your equipment.

- Technical support for biomeds and clinicians helps ensure the optimal availability of equipment
- A wide range of service contract options
- Maintenance and repair services including troubleshooting and parts replacement in addition to back-up maintenance and repair
- A full range of genuine Datex-Ohmeda spare parts to help minimize product downtime

Project management

Datex-Ohmeda offers project management expertise ranging from needs analysis, resource allocation and project scheduling, to implementation and staff education. Our aim is to help you get your new system installed, configured and operational with minimum set-up time.

Customer education

Datex-Ohmeda also provides local education and training programs specifically designed for biomedical engineers and clinicians. These programs incorporate theoretical lessons as well as hands-on training.

Please note that some services may not be available in all countries. Contact your local Datex-Ohmeda representative for information on program availability.

True online support

Virtual Support Software allows you to troubleshoot during normal use, download service data, and operate service functions. It also allows remote diagnostics.

Clinical Window on the web

Clinical Window is an Internet-based service for the global clinical community, sponsored by Datex-Ohmeda. Clinical Window shares developments in anesthesia and critical care and also provides up-to-date information and educational material.

The S/5 Anesthesia System - the tools to help you

Better care process management

Standardizing anesthesia care practices with the S/5 Anesthesia System establishes a uniformly high standard of care with the opportunity to ensure efficient cost management.

- True ease of use at all points of care allows more time for patient care, helping to increase user satisfaction and reduce hospital training costs
- Compatible hardware, software and service technology across the System 5 product family helps generate savings in investment and capital costs
- Clinical information capture throughout the care process provides useful data for documentation and further analysis
- Easy and automated care documentation with Deio care information management solutions
- Open solutions to information management system vendors of your choice
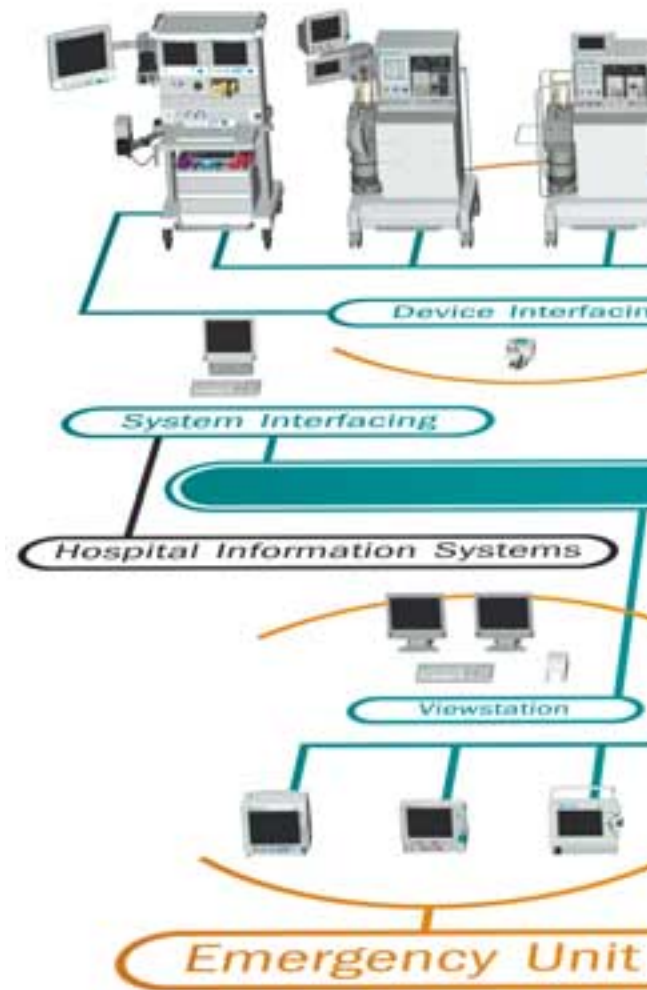
Investment protection program

The S/5™ L.I.F.E. (Latest Innovations, Features and Enhancements) program is designed to help protect your investment in technology. Through its S/5 L.I.F.E. program, Datex-Ohmeda is committed to long-term maintenance of your equipment.
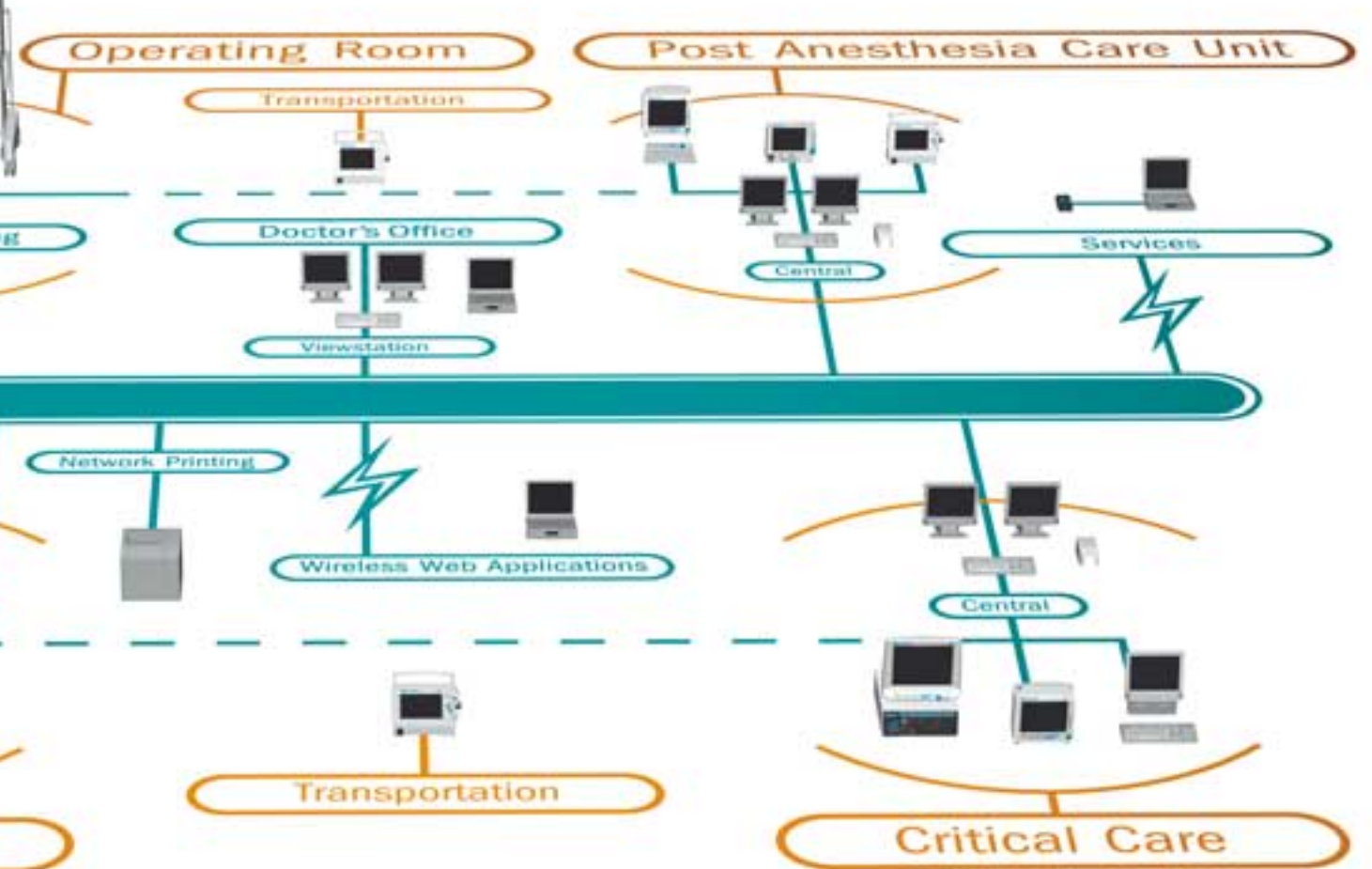
Securing your investment

Datex-Ohmeda's comprehensive development platform ensures that future equipment will be compatible with existing solutions, and that current investments will retain their value as technology advances.

- The System 5 product structure is highly modular, allowing you to build your anesthesia system in steps and invest only where needed
- Whatever your system, it will be optimized for your clinical environment and adaptable as it changes
- Datex-Ohmeda is the only company solely dedicated to anesthesia and critical care

standardize

Operating Room

Transportation

Post Anesthesia Care Unit

Doctor's Office

Services

Central

Viewstation

Network Printing

Wireless Web Applications

Central

Transportation

Critical Care

2002

Aestiva/5 Compact   S/5 ADU Ergonomic Release

S/5 BIS   Aestiva/5 7100

Cardiocap/5 with NMT   S/5 Web Viewer

S/5 L.I.F.E.

12-lead ECG   EEG   Device Interface Solution

Tec 6 Plus Vaporizer   Aestiva/5 MRI

S/5 Network and Central   Aestiva/5

15" Flat Screen   **System 5 Product Family**

Bedside Arrhythmia

S/5 Arrhythmia Workstation

Integrated Tonometry

Mini Trends   CS/3 Critical Care Monitor

Pages   Compact Gas Module

NMT   AS/3 ADU

AS/3 AIM

Anesthesia Record Keeping

AS/3 Network

AS/3 AM   **1992**

1900

We've been building systems for ten years, and providing tools for care professionals for more than 100 years. At Datex-Ohmeda we have the courage to make promises. And the commitment, talent and knowledge to keep them.

Anesthesia

The Datex-Ohmeda
S/5™ Anesthesia System

Anesthesia monitoring, delivery and life support, care process management, supplies and accessories, and services – an integrated solution for the entire anesthesia care process. Individual devices acclaimed worldwide for their ease of use. With continuity into critical care through the same System 5 product family.

Post-anesthesia care

Transport

Emergency

Critical Care

Datex·Ohmeda

The Physician's Resource
for Medical Equipment, Inc.

Sales and Service of Cardiology and Surgical Equipment and Supplies