We understand your need for easy access to critical patient information — and that requires connectivity to standardized electronic medical record (EMR) systems. Our connectivity solutions integrate vital patient data from INVOS™ cerebral/somatic oximetry and BIS™ brain monitoring systems into a variety of clinical information and EMR systems.

**Connect to EMR systems for integrated patient data**

INVOS™ and BIS™ patient monitoring systems are compatible with most EMR and third-party middleware integration systems in use today, such as:

**EMR**
- Cerner
- Epic
- McKesson
- AGFR Health Care
- ORBIS
- Allscripts
- Daintel
- DocuSys
- Emergisoft
- General Electric
- Meditech
- Olympus
- Surgical Information Systems
- SAFERSleep
- Siemens
- Theronyz
- Philips VISICU™
- Philips Emergin™

**Middleware**
- Nanhealth (iSirona)
- Capsule Tech

**Connect to patient monitoring systems for better visibility of comprehensive patient data**

INVOS™ and BIS™ monitoring systems connect to a variety of multi-parameter monitors, such as Philips patient monitoring systems, using Philips VueLink™ or IntelliBridge™ interface solutions.

Additional patient monitoring systems compatible with INVOS™ and/or BIS™ monitoring systems include:

**INVOS™ cerebral/somatic oximetry system**
- Philips
- Drägerwerk AG & Co. KGaA
- Nihon Kohden
- Mindray
- Fukuda Denshi
- Hewlett Packard
- Agilent

**BIS™ brain monitoring system**
- Philips
- Drägerwerk AG & Co. KGaA
- Nihon Kohden
- GE Healthcare
- Fukuda Denshi
Connect to information management systems for comprehensive clinical records

Clinical data management systems such as Anesthesia Information Management Systems (AIMS), Clinical Information Management Systems (CIMS), and perfusion records are vital to help you maintain accurate patient records and provide a complete picture of patient status.

INVOS™ and BIS™ monitoring systems connect to a variety of AIMS/CIMS, such as:

- GE Healthcare Carescape™ Anesthesia Manager
- GE Healthcare Centricity™ EMR
- Drägerwerk AG & Co. KGaA Innovian™ Anesthesia (BIS™ monitoring system only)
- Philips Intellivue™ Monitor (Philips Intellibridge™ Patient Monitor Interface Solution/Philips VueLink Module)
- Philips CompuRecord™ Anesthesia Information System
- Picis CareSuite™ Anesthesia Manager
- Terumo Tru-Link™ DMS
- Sorin DMS System
- Other systems (please contact Medtronic for a complete list)

Connect to personal computers to collect clinical research data

Data from INVOS™ and BIS™ monitoring systems can be output from the digital output port to a personal computer using a terminal emulator program (i.e. HyperTerminal) using an RS-232 9-pin to 9-pin null modem cable. Data can be output in real-time or in case-history format.

Connect to VGA monitors for simultaneous viewing

A VGA port on the INVOS™ monitoring system allows the INVOS™ monitor screen to be displayed on any external VGA monitor. This option provides visibility to INVOS™ system data on an external screen, making it easier to see patient data at the point of care. This option is useful in the operating room environment, where it is critical for patient management that multiple clinicians can see INVOS™ monitoring values at the same time.

To connect to INVOS™ and BIS™ monitoring systems:

- Contact your facility IT or EMR manager to begin the connectivity process.
- Contact the Medtronic technical support team for specific interface at 800-635-5267 (U.S. toll-free) for further assistance.