



**PHILIPS**

*IntelliSpace*

ECG

Cardiology information  
management

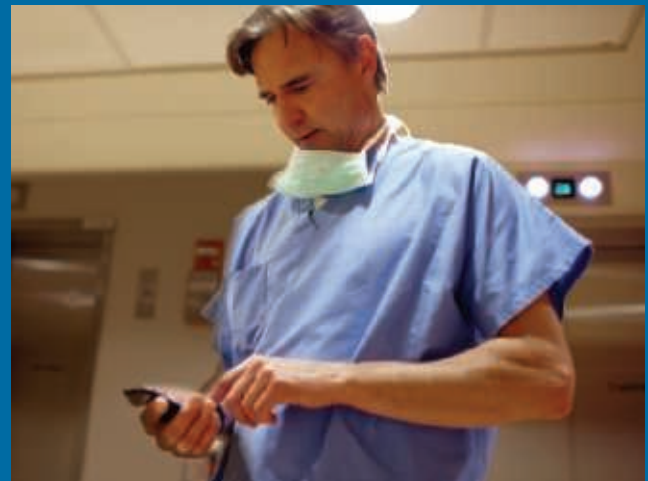
Managing workflow your way  
**for exceptional care**

# When an ECG is **more than an ECG**

Philips IntelliSpace ECG provides fast, easy access to ECGs from almost anywhere, anytime, to enhance your workflow through extensive connectivity.



ECGs can be acquired and viewed directly on IntelliVue patient monitors and transferred to IntelliSpace ECG.



Review time-sensitive ECGs on your smartphone. There is no need to turn to your PC or fax.

## **ECGs at your fingertips**

We deliver both current and previous ECGs to you right at the point of decision making. In addition to accessing ECGs on local clients, you can also view them on PageWriter cardiographs, IntelliVue monitors, IntelliSpace Cardiovascular, and even your smartphone.

## **As open as you need it to be**

Our multi-vendor support for cardiographs allows you to take full advantage of IntelliSpace ECG without incurring prohibitive switching costs. As an open solution, it stores records from non-Philips cardiographs in an XML format, making them available to your established workflow rules, and fully editable using our standard tools. And with re-analysis capabilities, thanks to our DXL Algorithm, you can even include them in your serial comparisons.

## **Multimodality enterprise solution**

IntelliSpace ECG centrally stores multimodality reports and study data, allowing enterprise customers to view, edit, and confirm reports within the system. Having patient study data available in one place with a single point of entry simplifies workflow and can enhance the care you give your patients.

## **Standard browser compatibility**

The ECG Anywhere client is compatible with HTML 5 web browsers, which are standard on most current desktop or laptop computers, and even mobile devices. This lets you access patient information, waveforms, and diagnostic reports without having to download or install proprietary software. This client even has a user interface that lets you read ECGs online, whether you are using a mouse and keyboard, or using touch and gestures on a mobile device. It even lets you retrieve and update ECGs in Philips and non-Philips ECG repositories.



ECGs can easily be retrieved from IntelliSpace ECG and accessed from other point-of-care applications for review, comparison and printing.

#### **Multi-level over-reading workflow**

IntelliSpace ECG supports two roles in Approve/Confirm over-reading workflow: an understudy reads and approves the ECG initially, then the final reader examines and confirms the ECG. It provides a training tool for cardiology fellows in teaching institutions while lightening the reading task for cardiologists.

#### **Obsolescence is now obsolete**

Philips offers you a scalable and innovative three-tier software architecture. This state-of-the-art solution supports high availability with options for automatic, seamless failover and load balancing for the performance you demand. Changes in capacity or increases in performance are addressed by simply adding the appropriate hardware or software module when you need it.

#### **Single-pipe interoperability**

IntelliSpace ECG uses IntelliBridge Enterprise for single-pipe interoperability with your HIS, ADT, EMR, and other hospital informatics solutions. This same interfacing engine can be shared among Philips cardiovascular informatics solutions, providing additional benefits and integration savings.

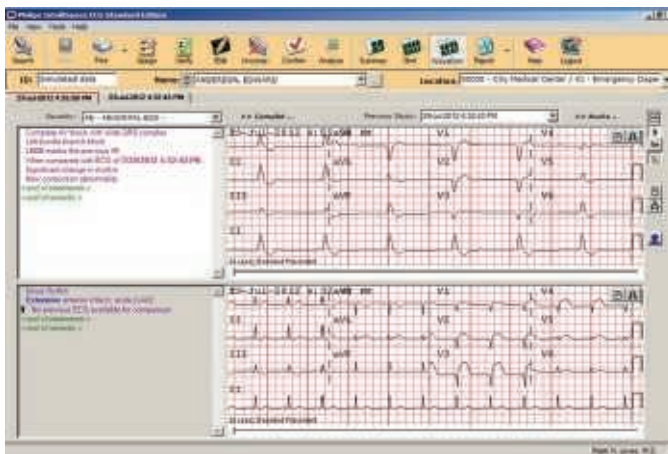
#### **Software-only option**

All IntelliSpace ECG editions are provided in a Philips-supported, software-only version for cost-effective use of existing or preferred platforms, including virtual machines.

# Connecting exceptional care in a fast-moving world

## Clinicians

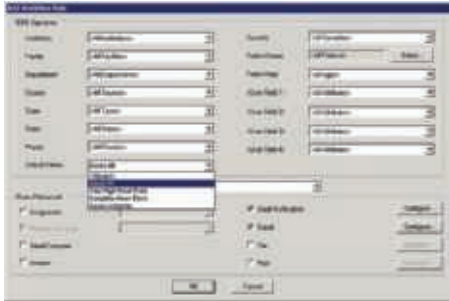
- Review, analyze, and edit ECGs from multiple connected locations
- Access ECG data at the point of decision, including from mobile devices
- Display ECGs from multiple sources
- Automatically serial-compare current and previous ECGs, even from non-Philips devices
- Review and finalize Holter and stress reports
- Set personal viewing and editing preferences



ECGs can be automatically serial-compared and presented in side-by-side or stacked mode for easy viewing and editing. The ECG Waveform Scaling Tool even makes it easy for you to use calipers when measuring the high voltages commonly found in pediatric ECGs.

## Administrators

- Easily manage thousands to over one million ECGs per year, from a single site to broad enterprise
- Grow the system as your enterprise grows
- Collect ECG records from multi-vendor devices
- Use rules-based workflow to automate tasks
- Quickly receive and reconcile networked orders
- Assign security roles by user and responsibility
- Boost department efficiency and assist in hospital initiatives with standard and customized management reports



Powerful administrative tools facilitate workflows smoothly through your enterprise.



ECG reports can be emailed as PDF attachments to the on-call cardiologist from IntelliSpace ECG client on demand. It is quick and seamless.

## IT professionals

- Rely on industry-standard platforms including Windows Server® 2012, SQL Server® 2014, and Windows® 7 or Windows 8
- Use IntelliBridge Enterprise to provide a single-pipe communication channel for enterprise interoperability
- Optionally, take advantage of state-of-art, three-tier software architecture and blade technology for scalability, high availability, mirroring, and load balancing
- Use software-only implementation to leverage available servers, including virtual machines
- Facilitate compliance with security and privacy mandates



System performance is easily monitored to help confirm peak performance.

Windows, Windows Server and SQL Server are registered trademarks of Microsoft Corporation in the United States and other countries.

# Workflow across your enterprise

The ECG is one of the world's most widely prescribed diagnostic cardiology tests. Now you can take full advantage of it to enhance patient care through comprehensive and flexible workflow management throughout your enterprise.

## Our open architecture lets you do more

IntelliSpace ECG uses innovative software to meet or exceed your institution's current standards, supporting and streamlining the way you work. It allows you to easily integrate ECG information throughout your entire continuum of care, and use the latest networking technology to speed the flow of current and previous ECGs, orders, worklists, ADT demographics, and billing information.

## Completely customize workflow

IntelliSpace ECG brings sophistication to workflow management. Automatically manage the flow of ECG records via rules you establish for acquisition, review, editing, final storage, report distribution, and more.

## System storage expands to meet your needs

While IntelliSpace ECG provides large storage capacities in base versions, it can also expand and adapt, as required to meet your evolving needs. For example, it can partition your database into a small, active partition for recently

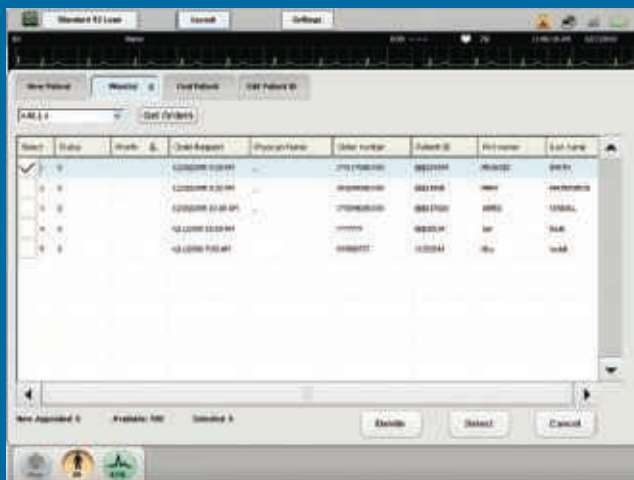
acquired ECGs, while confirmed and infrequently accessed ECGs are archived in read-only segments. Apart from improving the performance of day-to-day ECG operations, this reduces the maintenance effort for large databases.

## Access control

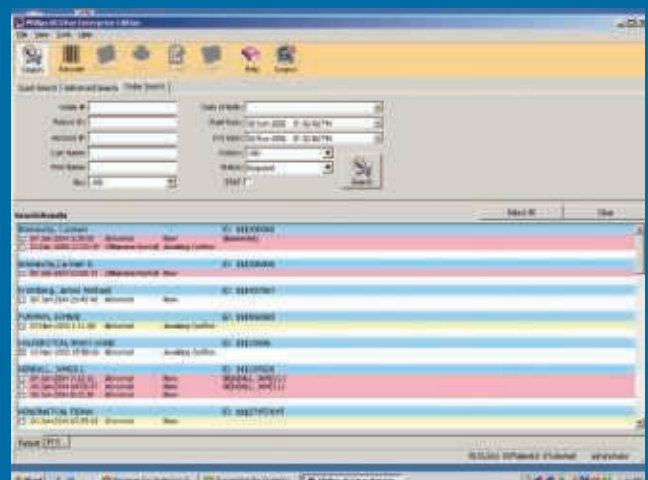
The system gives you control over access with comprehensive security tools to help you comply with HIPAA and 21 CFR Part 11.

## Complement your EMR, CVIS, or PACS

By working closely with our customers, we have designed systems that meet their evolving needs. Using industry standards, IntelliBridge Enterprise connects IntelliSpace ECG with both Philips and non-Philips departmental and hospital systems, while also providing the extended clinical decision support and sophisticated workflow management expected in today's care environment.



On PageWriter TC cardiographs, demographics and order information can be transferred to the ECG record with a single touch, reducing typing errors and supporting smooth reconciliation and EMR integration. Both orders and ADT interfaces are supported.



With IntelliSpace ECG, department users can readily view the color-coded reconciliation status of individual ECG records, smoothing the reconciliation process.

ECGs can be acquired from a variety of ECG devices, including ambulance-based defibrillators. ECGs received are forwarded automatically based upon established workflow rules.



