

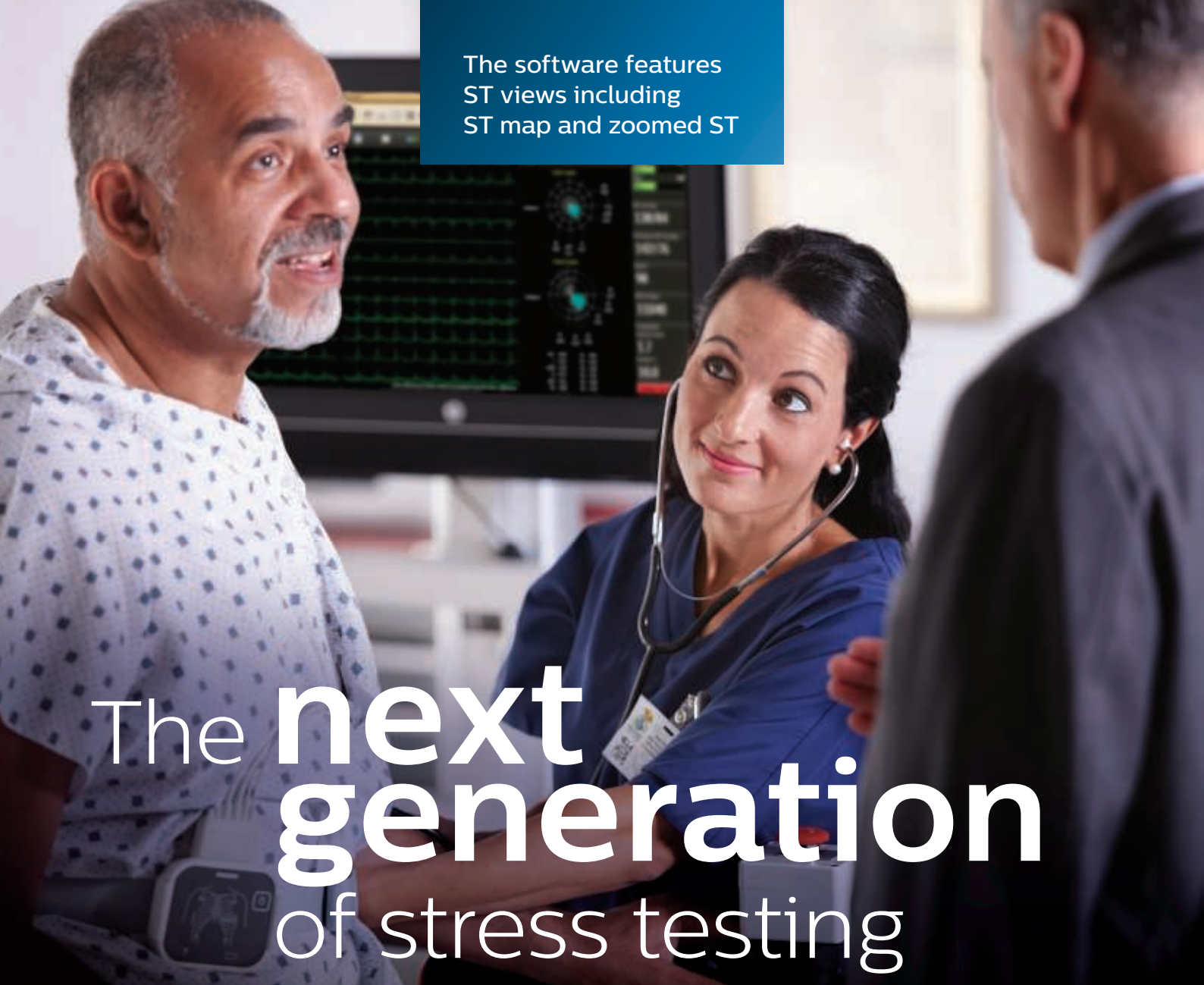


PHILIPS

Diagnostic ECG

ST80i stress-testing
system

Workflow that
works for **you**



The software features
ST views including
ST map and zoomed ST

The next generation of stress testing

Fueled by the workflow needs of clinicians, theST80i stress-testing system opens up new avenues for productivity and decision making.

The ST80i features a wireless patient experience, bi-directional connectivity, and advanced decision support tools that enhance data review, patient care, and workflow efficiency. Designed with clinicians and patients in mind, ST80i brings cutting-edge technology and clinical support tools into customizable and easy-to-use software. The result is a flexible and intuitive solution designed to present stress-testing data useful in streamlining clinical decision making and productivity.

Philips ST80i stress-testing system



* PC, keyboard, and mouse are customer-supplied in countries outside of North America.

Key advantages

- Facilitates clinical workflow by wirelessly performing stress procedures in an intuitive, customizable format
- Provides advanced clinical decision support tools to assist with clinical evaluation
- HIS connectivity to quickly acquire patient demographics and orders to speed workflow
- Native bi-directional DICOM connectivity to improve interoperability with hospital information system
- Interfaces with IntelliSpace ECG Management System to enhance workflow of cardiographs, stress, and Holter
- Electric confirmation with a signature of stress reports
- Export final reports to the hospital electronic medical record (EMR/EHR) upon completion of report

Smart, streamlined solutions

An untethered patient experience

Freeing your patient from wires and decreasing the likelihood of motion interference, the ST80i has a compact wireless patient module that enhances traditional stress-testing systems.



Cordless compact patient module

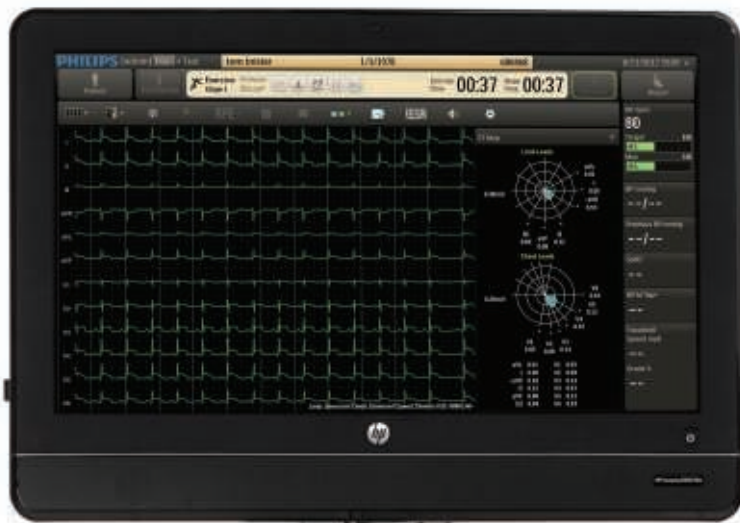
- Wireless, compact patient module reduces the hazard of tripping over wires, and enhances patient comfort and movement while still transmitting a clear, high-quality signal
- Reduces motion interference with the elimination of unwieldy cables
- Facilitates patient transition from exercise to bed for stress-echo procedure



Patient module with a lead set

Advanced analytical methods

The ST80i features tools to help clinicians analyze stress ECG information.



Diagnose with confidence using algorithms designed in Philips Advanced Algorithm Research Center.

- DXL Algorithm* uses sophisticated analytical methods for interpreting the resting ECG, the same algorithm used in other Philips ECG equipment
- Calg-STR proprietary algorithm is designed specifically for stress testing

View comprehensive ST segment and morphology analysis in an anatomically intelligent format.

- View ST Maps, patented visual anatomical representation of ST deviations in frontal and horizontal planes
- Quickly identify anomalies with the dynamic zoomed ST display
- Monitor ST changes with auto-comparison of current and reference beat
- Watch for ST level and slope changes using the 12-lead average complexes
- Clearly see arrhythmias with Dominant Rhythm Change notifications
- Access comprehensive and customizable reports with prognostic indicators (Risk Scores)

The ST80i offers wireless testing with an intuitive interface and customizable all-in-one computer to help streamline workflow.

* DXL Algorithm can provide ECG analysis for a standard resting ECG using standard chest and limb leads. Other configurations are not supported.
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Connectivity that works for you

Managing patient information from start to finish, the ST80i turns stress ECG data into actionable insights, using bi-directional network connectivity to collect and distribute data wherever it's needed.

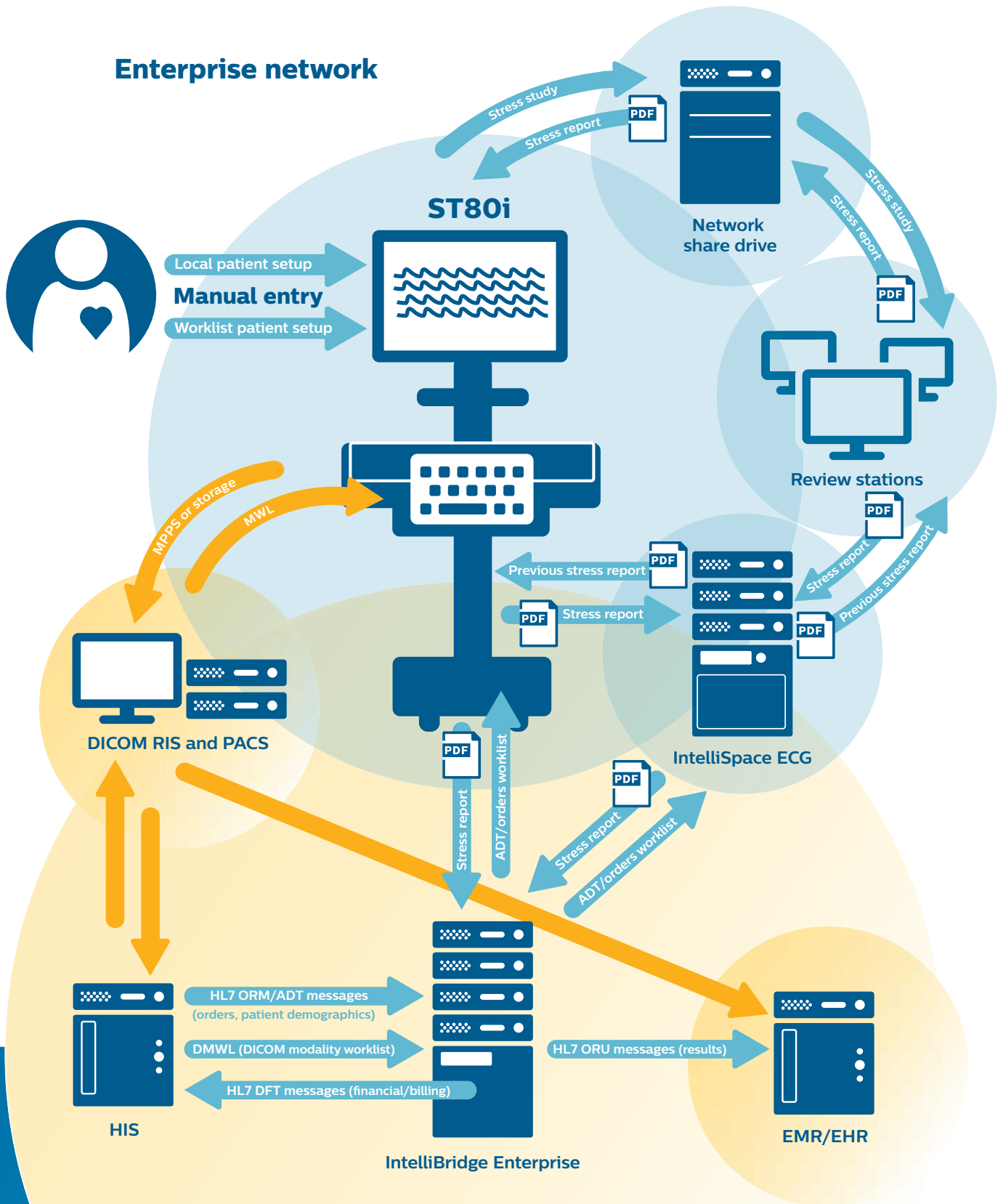
Import options

- Download patient data from your HIS or manually enter patient data
- Download patient data from DICOM RIS

Export options

- Easily export final patient reports in a PDF format
- Interface with Philips ECG Management systems and IntelliBridge Enterprise
- Easily export PDF reports to DICOM PACS
- DICOM MPPS (Modality Performed Procedure Step)/DICOM Storage Commitment transaction to DICOM PACS/RIS

Enterprise network



This diagram represents a possible configuration of the network. Our flexible solutions allow you to configure your network to meet your needs.

