



## neaLink & neaView

DICOM ECG archiving and viewing solution

neaLink & neaView

### Why DICOM ECG?

*Digital Imaging and Communications in Medicine* (DICOM) is the standard for the communication and management of medical imaging information and related data. It has revolutionized the digital radiology during the last 15 years. Interoperability of the imaging devices and IT systems from hundreds of vendors is reality and radiology can be nowadays truly vendor neutral. One can purchase the devices and IT systems that best suit to their needs and budget. The data is communicated and stored in a globally standard way enabling the health care units to own their data.

DICOM standard has been adopted from radiology to many other medical specialties. Waveform ECG signal storage was specified in the very first version of the standard, but during the last five years multiplicity of the ECG registration device vendors have started seriously supporting the standard. Now you can move to the vendor neutral world of the digital ECG archiving and viewing.

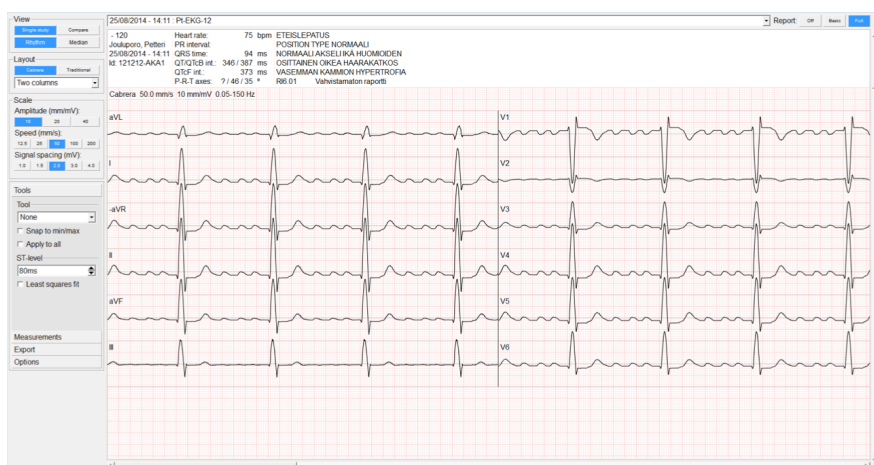
## neaView – a viewing tool for ECG signals and more

*neaView*, as its name proposes, is an image viewing application for diagnostic radiology. However, we have specifically designed it to be also a diagnostic viewing tool for the ECG. Since the ECGs are stored as signals, they can be easily shown in different scales, layouts and lead orders like standard or Cabrera.

*neaView* can be used to compare any number of the patient's ECG registrations in the same viewing session. Since *neaView* is also an image viewer, one can view simultaneously any radiological or cardiological imaging studies. Even the ECGs or other measurements reports stored in PDF format can be opened for comparison.

## Measurement tools & Wizards

All measurements are done on the true signals, thus they are accurate. *neaView* provide simple measurement tools, but also measurement wizards that enhance the speed of the analysis.



## neaLink – archiving and integrating

*neaLink* is a versatile DICOM archive solution that can be used as a standalone digital archive system or as a ECG viewing front end to any other PACS archive. It is 100% DICOM compliant system for storing digital ECG, clinical photographs & videos, documents & measurement reports and of course radiological images.

Unlike many ordinary PACS solutions, *neaLink* is also an integration solution, which supports the whole workflow from study order to archiving and even billing. It has complete integration interfaces for HL7 and DICOM worlds, thus it can be easily integrated to hospital information system, laboratory system, any DICOM imaging or measurement device. Often our customers have single-sign-on integration from their electronic medical record to *neaLink*. *neaLink* has configurable viewing rights and support for patient consents enabling implementation of a multi-organizational regional digital information distribution system.

- Easy integration – DICOM, HL7, XDS, SSO
- Easy adoption – Conversion from third party systems e.g. Muse XML
- Data ownership – Data is stored according to the international standard