

Features

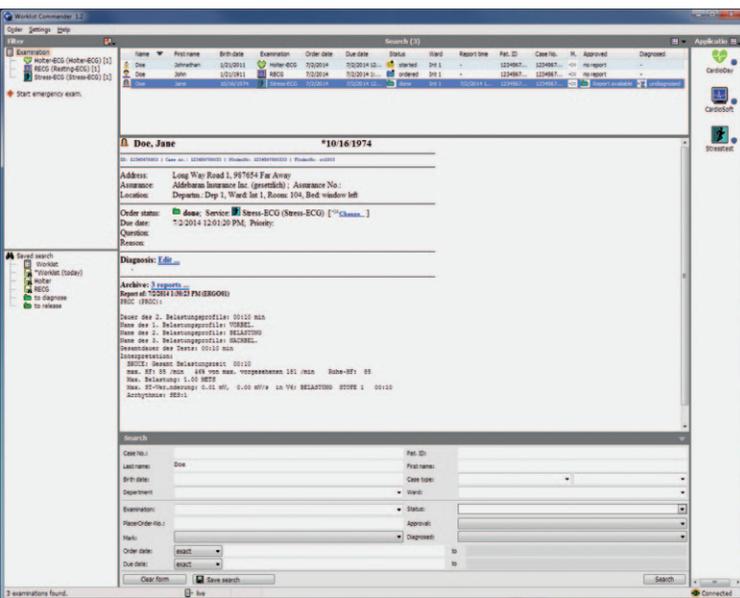
Interface between HIS and the diagnostic applications CardioDay® and CardioSoft™

Listing orders for examinations

Search for patients, examinations, stations, appointments, examination status

Saving the frequent search requests

Filtering the list of orders by different criteria (e.g. examination)



HL7-WorklistServer/Commander

The solution for an optimal ECG evaluation workflow in the hospital

The WorklistServer together with the WorklistCommander provide an innovative solution for an optimized ECG evaluation workflow in the clinical environment. With this technology, diagnostic applications such as CardioDay® and CardioSoft™ can exchange data with an electronic medical record (EMR) or hospital information system (HIS).

The HL7 based WorklistServer receives admission/discharge information and patient demographics sent to it by the HIS and supplies this information to the WorklistCommander. The WorklistCommander then transmits the data in GDT format to the ECG diagnostic application.

After the ECG evaluation has been completed, the WorklistCommander takes the reports from the diagnostic application (text files and pdf files containing ECG waveforms, histograms, etc.) and forwards them to the electronic patient record via the HL7 WorklistServer.

In addition to planned examinations, emergency investigations can be immediately documented in the WorklistCommander and subsequently allocated to the respective patient.

With its clear layout and advanced search options, use of the software can be quickly and easily learned. To enhance the workflow, further options are available, for example, a department filter that limits the visibility of patients and orders to a particular department or billing functions for financial transactions. Also, for larger hospitals, additional users in batches of 25 can be added to the system.



Administrator can apply various settings

HL7-WorklistServer/Commander

Advantages and characteristic features

Fast and easy to use

Transferring the patient data to the invoked application via GDT

Receiving the examination results from the invoked application via GDT

Receiving a PDF report from the invoked application

Report archive

Manual or automatic report release

WorklistServer runs as a service in the background

SSL-encrypted Web interface for maintenance and configuration

Communication with HIS via TCP/IP sockets (MLLP) or directory-based

HL7 Standard Version 2.x

Adjustment to the „HL7 dialect“ by data mapping

HL7-WorklistServer

System requirements

Type	Windows Server
CPU	Pentium 4, 1 GHz onwards
RAM	1 GB minimum
Free disc space	3 GB minimum
Monitor	1024 x 768 pixels, 256 colors
Operating system	Windows Server 2008 R2, 2012 R2

Supporting database:

MS SQL Server 2008 R2/2012/2014 (Express)

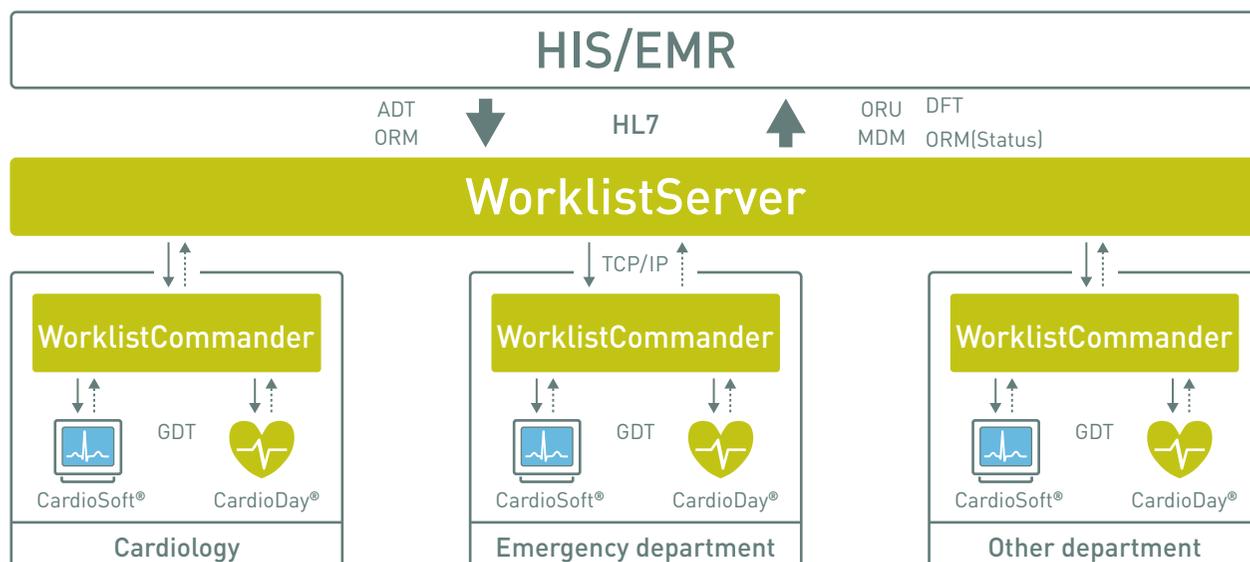
HIS requirements HL7 2.2 – 2.5 Standard

HL7-WorklistCommander

System requirements

Type	Windows PC
CPU	Pentium 4, 1 GHz onwards
RAM	2 GB minimum
Free disc space	50 MB minimum
Operating system	Windows® 7, 8.1, 10
Keyboard, mouse	standard

Subject to change



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