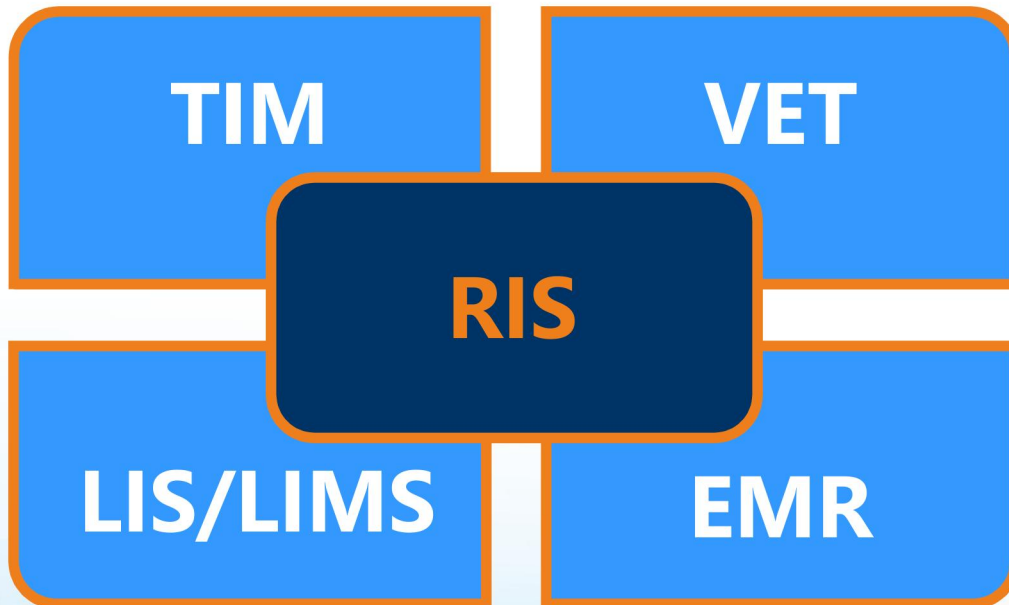


# LabNet Manager RIS

Software family for future

Total invoice management

Veterinarian version



Laboratory information system

Electronic medical record

LabNet Manager software family is your choice for the future.  
Fully scalable to all radiology needs as RIS software and you will  
be prepared for future needs with all coming modules.



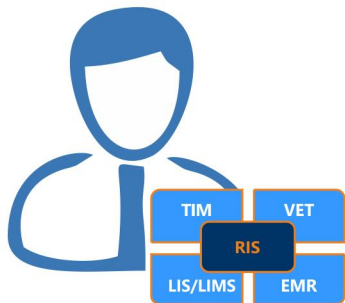
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# LabNet Manager

[www.labnet-manager.com](http://www.labnet-manager.com)

## LabNet Manager RIS

Save costs

Save time

S-Video for free

Plug-&-run

Easy-2-install

- Each imaging device can be integrated via DICOM interface
- Alternatively, any device can be connected via S-Video interface
  - e.g. Ultrasonic devices or similar

Patient demographics

Patient order entry

Patient history

Test order entry

Patient barcode printing

Result validation

Easiest device integration

Manual diagnose entry

Reporting module

Report designer

Email reporting

CD / DVD burning

CD / DVD reading

Worklist manager

Audit trail module

Patient & Task scheduler

Import & export module

Image, scan & document module

Search engine

User management

Administration tools

Invoice management

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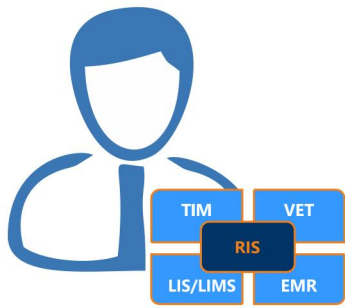


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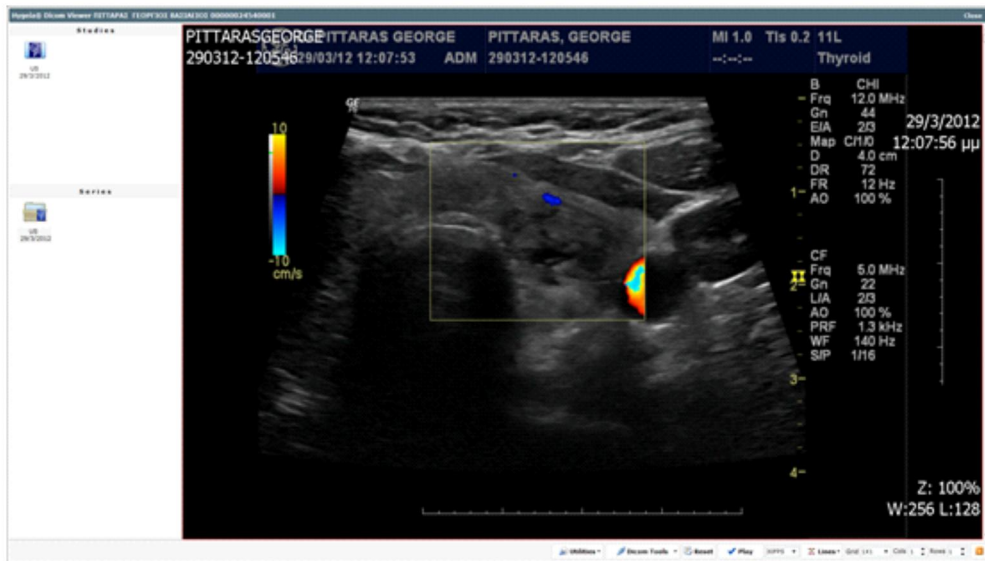


# LabNet Manager

Easy-to-use  
Plug-&-run

**RIS**

**DICOM / S-Video**



The **LabNet Manager RIS** is a complete networked Management software system, archiving, processing, view and share all kinds of medical images and related data produced by imaging equipment, such as radiology, cardiology imaging, radiation therapy equipment (X-rays, computed CT -CAT- scan, -MRI magnetic resonance imaging, ultrasound, Angiography, etc.) as well as devices used in other areas of medicine such as ophthalmology and dentistry.

The LabNet Manager RIS is particularly useful for monitoring all Medical Imaging orders. Corresponding billing information is used in conjunction with PACS (**P**icture **A**rchiving and **C**ommunication **S**ystems) for managing image files, recording and billing. The LabNet Manager RIS is based on DICOM, the international standard for medical images and related information (ISO 12052).

With a **S-Video interface**, LabNet offers the ability to connect additional devices, like Ultrasonic Instruments, **for free**.

Effective communication, efficient daily work through the use of special multi-tools and functions are available and allows secure access to medical data and images from anywhere, anytime via local network or internet.

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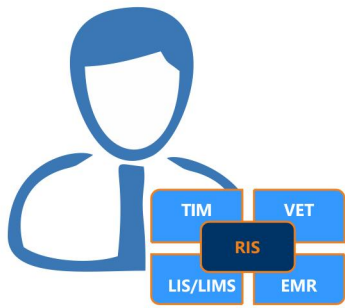
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












# LabNet Manager

Easy-to-use  
Plug-&-run

## Main menu of RIS

### Main modules

<b>Home</b>	Shows Home or Search screen	 Home	 Help	Displays User manual	<b>Help</b>
<b>Patient</b>	Entry, Edit of Patient demographics	 Patients	 History	History of diagnosis etc. for a Patient	<b>History</b>
<b>Orders</b>	Entry, Edit of Orders of Patient	 Orders	 Assays	Entry, Edit of Treatments of an Order-ID	<b>Treatment</b>
<b>Results</b>	Pictures and Diagnose Entry, Edit of an Order-ID	 Results	 Validate	Technical Validation of Results with additional features for result Interpretation	<b>Validate</b>
<b>Reports</b>	Select different pre-defined reports to Print, Email or Export	 Reports	 QC	not used in RIS	<b>QC</b>
<b>Search</b>	Multi-functional Search for Patients, Order-ID, Sender, Date & Time	 Search	 Email	Shows your Status of Emails	<b>Email</b>
<b>Utilities</b>	Worklist creation & download, Export functions and Audit trail access for Administrator	 Utilities	 Images	Import, Export of Scans, Pictures, Word files etc. to/of an Order-ID	<b>Images</b>
<b>Tools</b>	Setup of the complete software suite	 Tools	 Schedule	Calendar module for different options of scheduling	<b>Schedule</b>
<b>Error log</b>	Shows all raised errors	 Error log	 Exit	Terminates program	<b>Exit</b>

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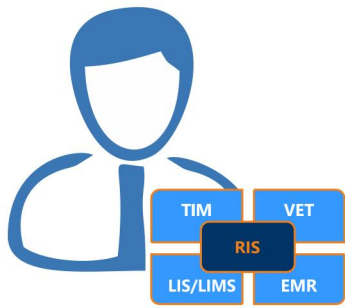
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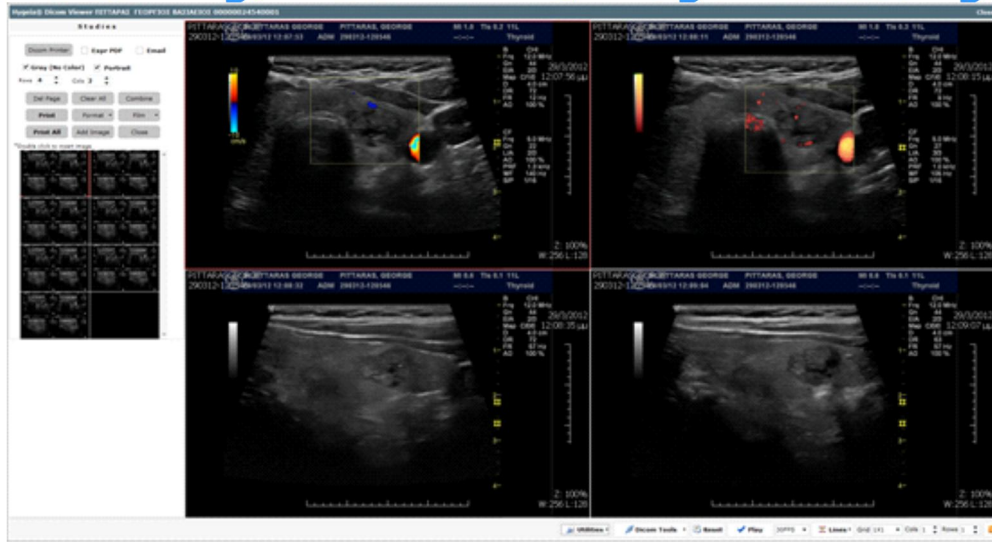


# LabNet Manager

Easy-to-use  
Plug-&-run

RIS

Image Streaming, DICOM Print, Image Processing Systems



- **Patient Management through a single, license free database** for all users and single interfaces. The LabNet Manager RIS can monitor the entire workflow of a patient within a radiology department. Authorized users can add images and reports-reports, which can be recovered to be viewed and edited by authorized personnel of the Radiology Laboratory.
- **Scheduling** The LabNet Manager RIS allows staff to schedule appointments per date and time, per month, per clinic or department, outpatients and in-patients per Clinic or Department of the Medical Diagnostic Centre. Capability of printing or dispatching the appointment list by e-mail to corporate doctors or patients of the Medical Diagnostic Centre.
- **Patient's Monitoring - Patient's tracking** The LabNet Manager RIS enables monitoring of Medical History (radiology) of the patient from the first data input to the software. It also incorporates all integrated necessary tools to be able to compare with past measurements as well as planning future visit appointments.
- **Built-in viewer** for reviewing and processing of illustration imported images.  
Recording pictures to CD/DVD (Burn CD/DVD), with the choice of selecting a specific number of images, frames etc. to record / burn. Ultrasonic devices could be recorded by s-video interface.

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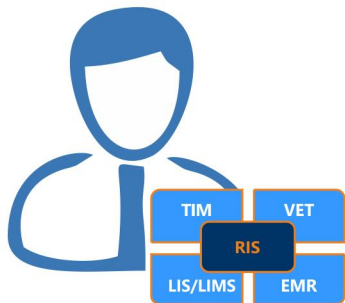
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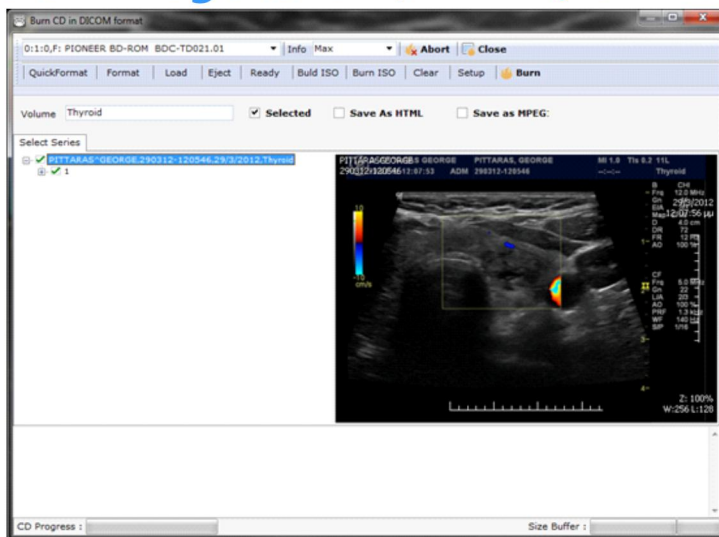


# LabNet Manager

Easy-to-use  
Plug-&-run

## RIS

### Registration Image to CD / DVD (Burn CD / DVD)



- **Results and Statistical reporting** The LabNet Manager RIS can generate statistical reports for a patient or group of patients, which are stored in the medical Patient Record, printable whenever needed.
- **Monitoring & Image tracking** Traditionally, radiology providers use RIS for monitoring individual film (films) and their associated data. But the Electronic Patient Record (EMR-Electronic Medical Record) has become standard throughout the health sector and the digitized images and PACS systems have been widely adopted, the radiology departments and systems RIS/PACS become more important throughout the clinical workflow of the entire medical enterprise. The LabNet Manager RIS has a built-in dynamic application for loading images (**Image Streaming**), which allows immediate review of test orders with large numbers of images.
- **Billing** - The LabNet Manager RIS provides a very detailed record of financial transactions of Medicine company, the electronic payment process as incorporated in the medical dossier included in the application "History" of the software.
- **Useful Tools-Image Management Systems (Utilities)**, such as: Save/Archive Image, Save All Current Frame, Save Serie Images, Save as HTML, CD / DVD Burn, Print Film, Print Active View, Open Image File, Import from DICOMDIR, Delete Current Study, Delete Current Series, Delete Current Image, Send Current Dicom, Send All Dicom, Send Dicom printer and View Incoming Samples)

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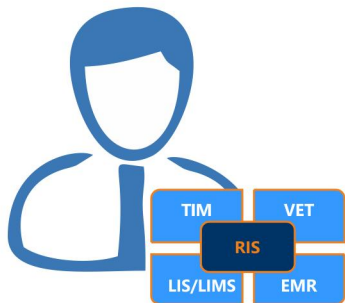
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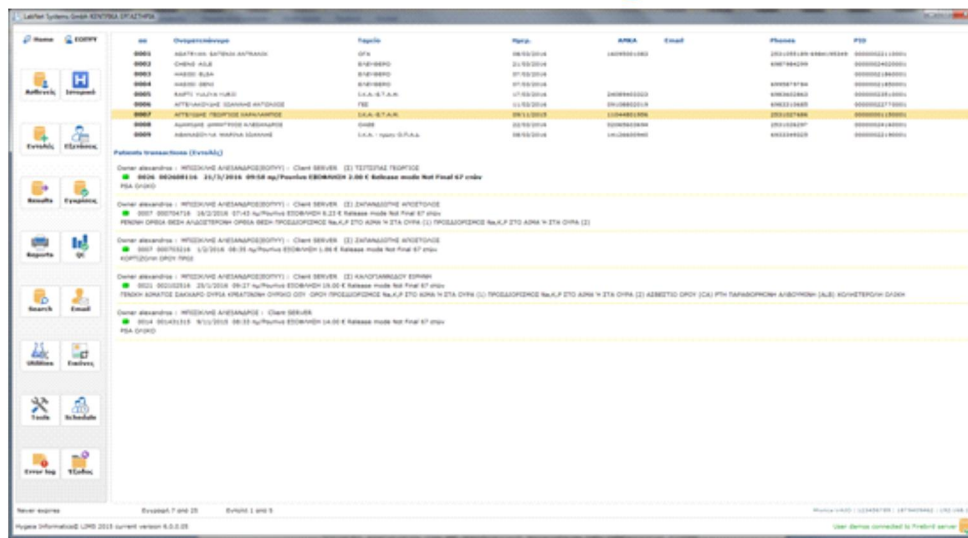


# LabNet Manager

Easy-to-use  
Plug-&-run

RIS

## Home Screen LabNet Manager RIS / LIMS



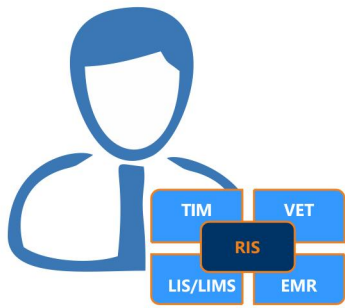
- **Incorporation of new imaging files** The LabNet Manager RIS provides the user with the option of importing new image files (records) including those not provided by the current PACS (Import from DICOMDIR) into the file of a Patient stored into the LabNet Manager RIS database.
- **Scalability** with the possibility of an unlimited number of users.
- **Bidirectional communication interface** with all images and connectivity systems with open interface illustration systems now and in the future.
- **Access the application via Internet**
- **Integrated full printing application** of images from any source (Dicom or videos) on plain paper A4, A3 (with or without print preview) or in a film (Dicom Printing).  
Option to print in Portrait/Landscape, up to 9 rows & columns, color or black and white, sending them by e-mail, or exporting to PDF format. Possibility of image selection for Printing, Dispatching, Painting (Gray -no color or with Color). Additional options: Text Overlay, Combine, Del. Page, Clear All, Print, Format (F0-F8), Film (L1, L2, L3) Print All, Add All.

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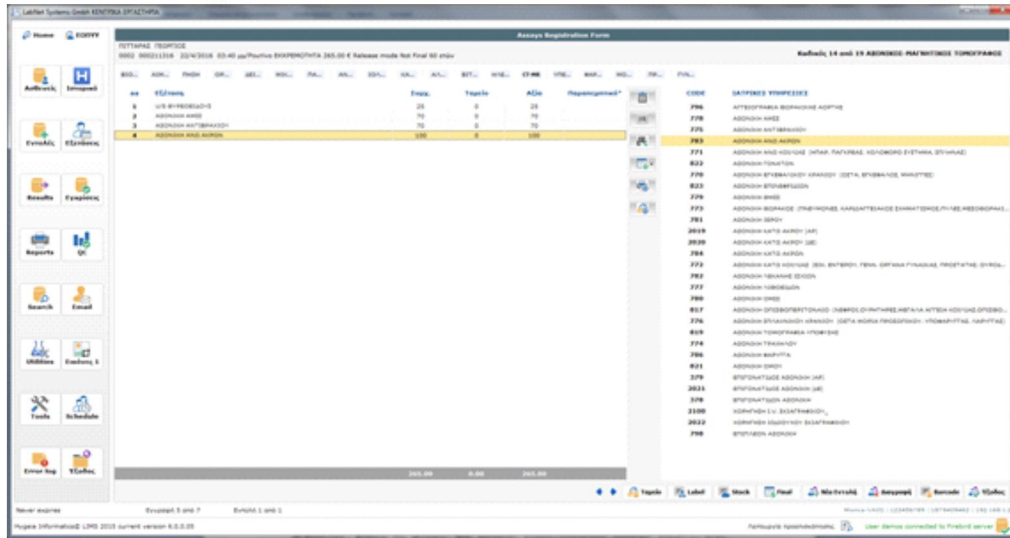


# LabNet Manager

Easy-to-use  
Plug-&-run

**RIS**

**Total Invoice Management (Economics elemental Fund Mngmt.)**



- **Treatment systems (Dicom Tools) and Image Storage** fully scalable and recoverable up to a decade, regardless of its source or origin, which facilitates, accelerates and simplifies diagnostics
  - Multiple image layout options, such as, Format (F0-F8), Film (L1, L2, L3), Grid (1x1 to 6CH5, Auto), rows & columns up to 8
  - Window / Level, Zoom, displacement and similar options (Invert, Pan, Zoom, Zoom Select, Magnifier, Flip Horizontal-Vertical, Rotate 90 Degrees, Show / Hide Levels, Show / Hide Ruler)
  - Locating position (spatial locator)
  - Measurements (region of interest, angles, distance, Hounsfield & pixel values values)
  - Lines (Line Length, Line and Length, Line and Height, Line and Height and Width, Plot Length, Polygon, Angle, Cross Line, ROI, Arrow)
  - Markings
  - Play system
  - FPS / Frames per Second (1,2,5,10,15,20,25,30)
  - Store images (e.g. jpeg)
  - Comparability unlimited number of tests
  - Simultaneous or parallel multi-exam review

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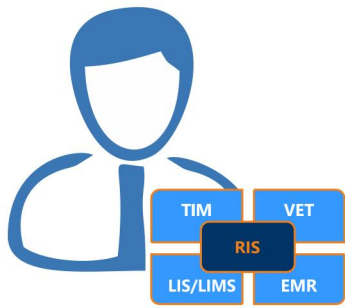
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# LabNet Manager

Easy-to-use  
Plug-&-run

## Workflow RIS

Easy-to-use in 4 steps

1

Manual or Automatic  
Patient entry  
Order entry



Result entry  
Automatic by  
Radiology device

2



Result  
Validation  
Interpretation



3

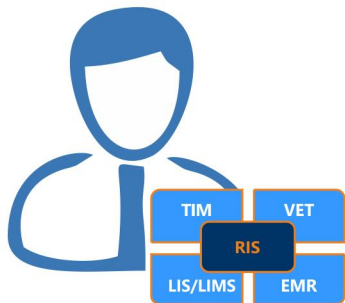
Automatic or Manual  
Report print  
Report email

4

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# LabNet Manager

Easy-to-use  
Plug-&-run

## RIS & LIS

Plug-&-run in 4 steps

1

Fill-in Questionnaire

2

Order RIS

3

Plug-&-run

4

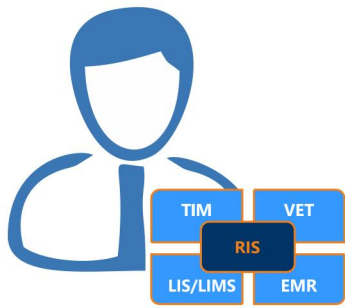
Easy-to-use

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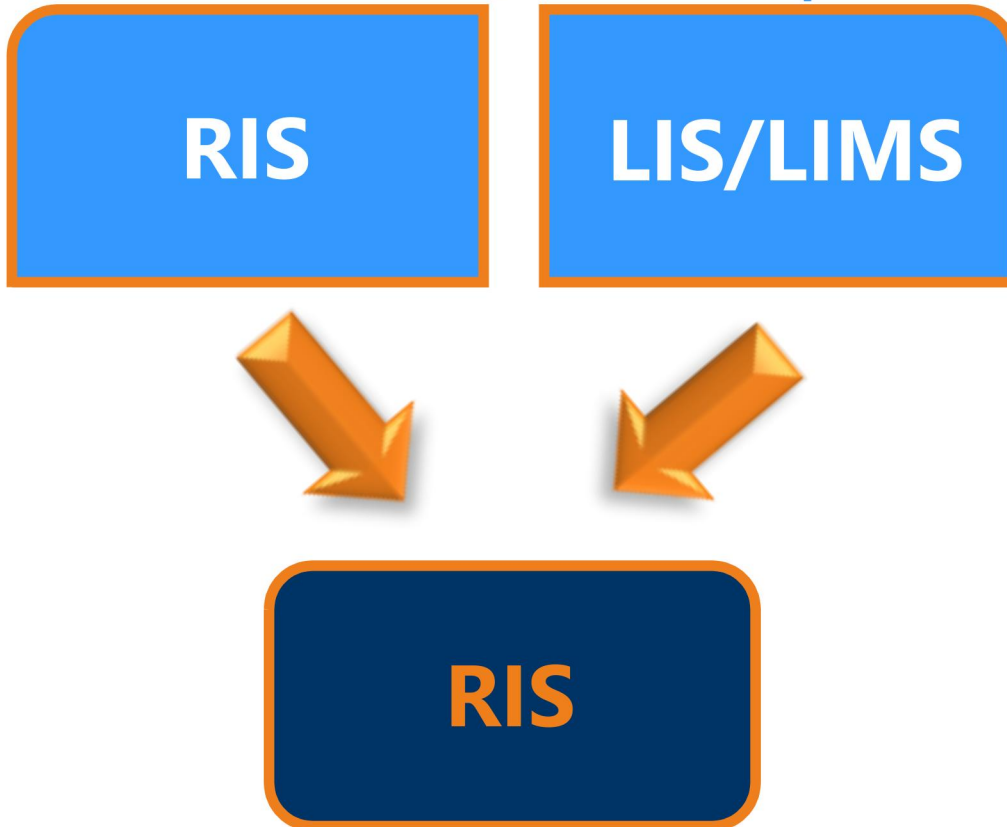


# LabNet Manager

Easy-to-use  
Plug-&-run

**RIS & LIS**

Combine-&-run in ONE step



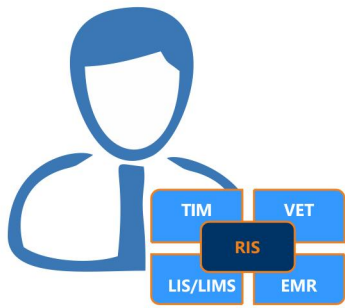
**RIS/LIS/LIMS**

especially developed for small to medium entities

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# LabNet Manager

Easy-to-use  
Plug-&-run

**RIS**

## Shipment / Specifications

### Plug-&-run:

We will ship the ordered **LabNet Manager** software as a **Plug-&-run concept**, depending on your and/or your distributors specification.

Therefore, the package contains a pre-installed and already configured software with licenses for the first year of usage. Furthermore, hardware is included, consisting of a server, hub, cabling or adapters (if needed) concerning the previously filled radiology (customer) needs questionnaire (RNQ).

As distributor and/or customer you should test the shipped soft- and hardware after receiving properly and fill the installation report. Please send the installation report, because of warranty reasons, back to LabNet Systems.

Your delivered LabNet Manager software family will be **scalable for YOUR future**.

### Delivered hardware includes:

- Hewlett Packard Server
- Ethernet and/or serial hub
- Ethernet and/or serial cabling
- S-Video adapter (if needed)

### Delivered hardware NOT includes:

- Keyboard(s)
- Mouse
- Monitor(s)
- High resolution 4k monitors

### Delivered Software includes:

- All modules as specified
- License key for first year
- Specified analyzer interfaces
- Standard reports
- Treatments predefined
- Pre-defined RIS Manager, User access
- Customization as ordered

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