Product Innovation

Patientdatacopysystem made in Europe

About RX400 MedX

The Medical USB Solution – fast, easy & secure

Save your entire collection of diagnostic data in full resolution with just the touch of a finger. Deliver studies on a state of the art write protected RX400 USB–Stick with the RX400 MedX high–performance data copy system.

The USB-Sticks can be used alongside conventional patient CD, with added benefits such as high speed, storage space and independence from the availability of a CD drive.

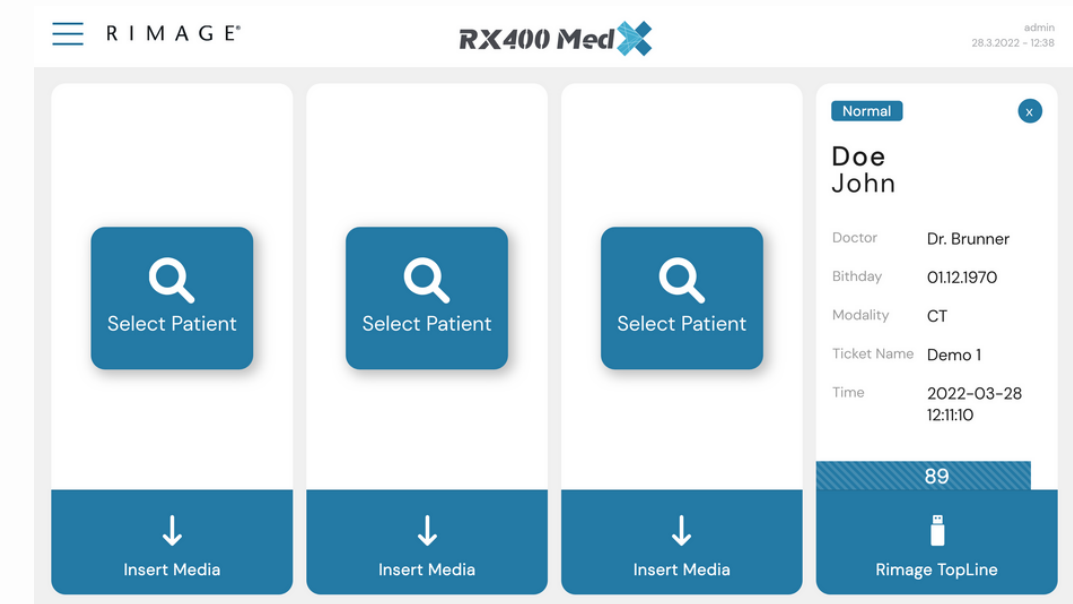**The compact RX400 MedX is easy to set up for system integrators, health care providers and hospitals.**
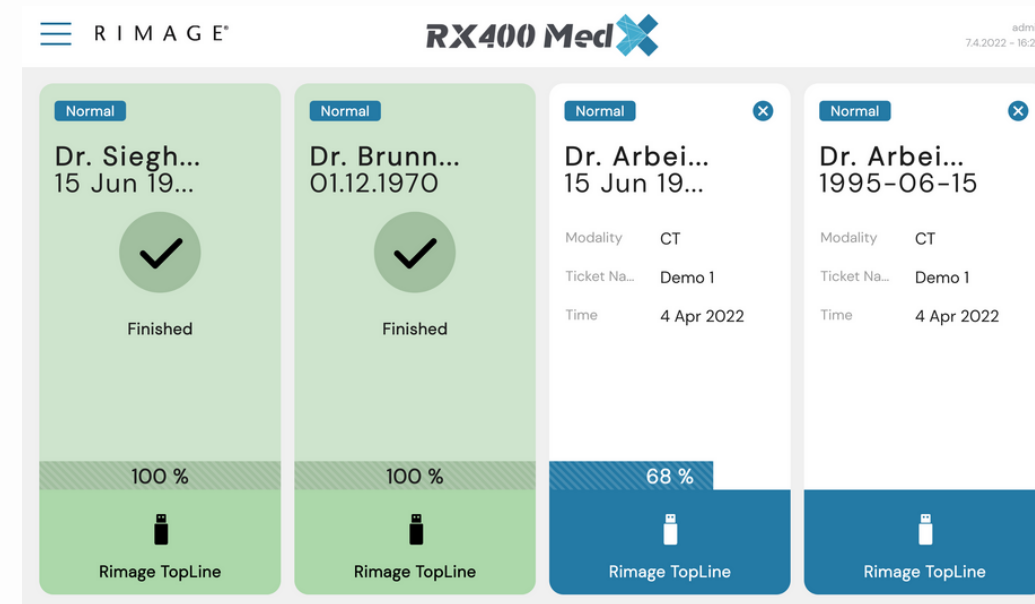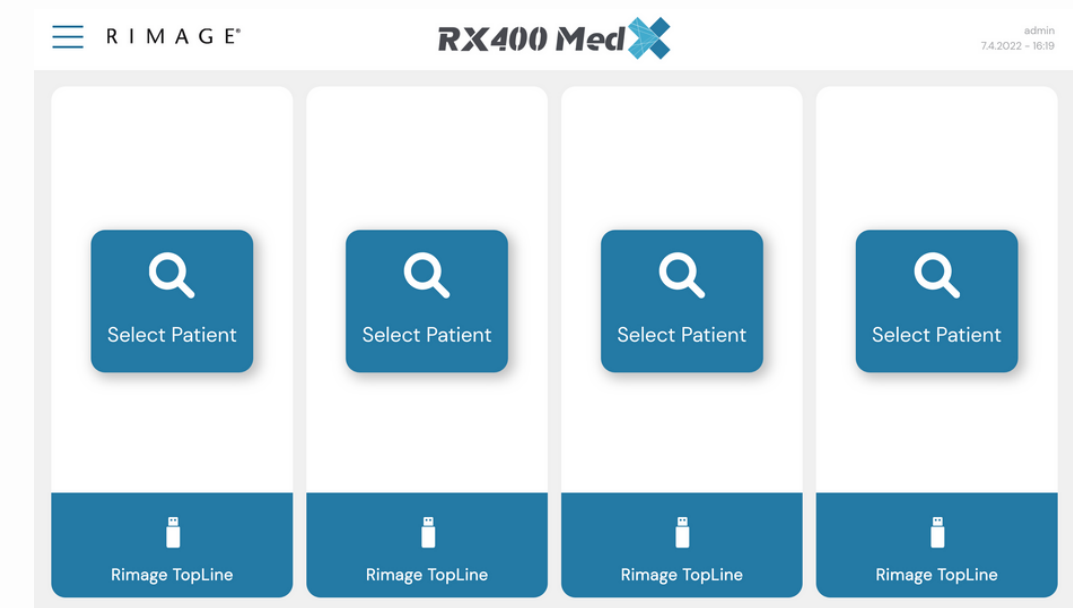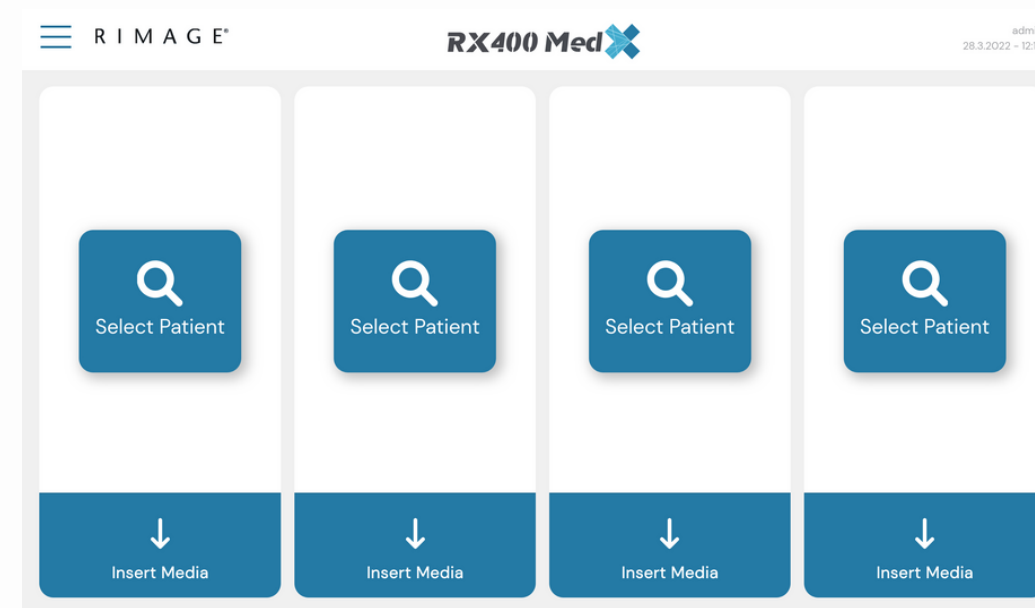
The RX400 MedX Patient USB Stick System

The following prototypes demonstrate a proposed flow to allow users to create or edit an account, start or interrupt a service, or get help.

- 4 Front USB Ports to record 4 individual Patient sticks at the same time
- 10" Touch Screen for easy Patient / Job Selection and Status
- Integrated labelprinter – printing the label matching with the Patient Data
- Integrated PC
- Compact, easy desinfectable case

The Graphical User Interface

Leading Technologies

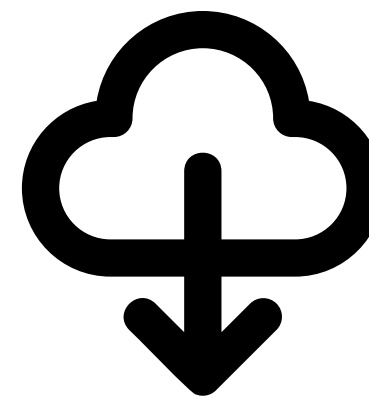Today 2 main technologies are used to deliver medical data to patients.

01 Patient CDs

Very established technology with cheap production costs.

(+) Standard; easy to produce, very reliable, write protected

(–) Problem: gets outdated, new CD for every new study, can be too small for large files

02 Patient Portals

Relative new technology to make patient reports online available.

(+) referring doctors have online access, Patients have online access, cheap per Study

(–) Data is stored for a relative short time; Patient needs to download and archive, what can be very slow for large files; needs online access; every clinic has its own portal

The Rimage USB–Stick is a neu addition to the two established solutions!

The Rimage USB Stick

For security reasons the RX400 MEDX System can only be used with WORM protected Rimage sticks.

The Rimage USB–Stick is a useful addition to the two established solutions

- It offers enough capacity even for large, in full diagnostic quality resolution
- Files and Studies can be opened extremely fast
- Physicians can have the entire medical history of a patient on a single source with our Rimage USB–Sticks
- Patients have the documents on a compact and easy–to–use data carrier
- Chronically ill patients have all documents on one stick instead of spread on various CDs or portals.
- Sustainable solution through permanent usage of the USB–Stick (new studies can be added multiple times)

The RX400 MedX system

The RX400 MedX is a very compact all in one solution.

- DICOM integration with leading solutions similar to Patient CD Robots
- Order Cue with all waiting jobs send by DICOM devices
- 10" touch screen that allows easy Study selection and job status
- 4 USB Ports to produce 4 individual Patient Sticks at the same time
- Every USB Stick is write protected with the Rimage "WORM" feature.
- Rimage "MultiWORM" USB sticks allow to add later studies securely
- High speed secures real on demand production in average 30 seconds

- The integrated Labelprinter generates individual labels on PE foil which can be applied very easy three ways to use:
  - Produce new sticks with individual label and activate WORM
  - recognice a Stick that already contains data and add new studies
  - Use it as a self service terminal where a patient can download new studies matching his Patient ID

Value for hospitals and clinics

- **Future proof**
  - USB connectors can be updated to needed connectors like USB C
- **Highly secure**
  - Write protected sticks prevent infection by a virus during private patient use
  - Only Rimage RX400 MedX Systems can add data on the stick
  - Only with the RX400 system you are able to unlock the pre-WORM protection, add new data, and reactivate the WORM protection afterwards
  - Individual encryption is possible if needed
  - Label is printed directly after a ready stick is disconnected

- **Cost effective**
  - Sticks can be used multiple times and for different studies of the same patient
- **On demand production**
  - No need for „pre-production" – a patient stick can be produced within 30 seconds
- **Compact & silent design fits on every desk or even on wall**
- **Capacity and speed allow usage in many departments**
  - E.g. Radiology, Mammography, Pathology, Patient Records
- **Simplified operations:**
  - Intuitive touch usage; – very simple printer refill; –no User training needed

What makes a patient USB Stick successful

There are a few attributes a patient USB–Stick needs to provide to be successful in the market. One of the biggest is security.

With the Rimage patient stick we enhanced data security with unalterable data. This is achieved by WORM procedure.

With "Write Once, Read Many" data on the Rimage patient USB–Stick cannot be modified. This provides high security against virus and malware, as the sticks can only be written by the RX400 MedX system. Other USB–Ports can only read but not write any data on Rimage patient USB–Sticks.

The Partnership

The RX400 has been developed by X–Net Technologies GmbH, Rimage Europe GmbH and in cooperation with solution providers for electronic data archiving and exchange.

R I M A G E ®

Founded in 1978, Rimage designs and develops fully automated CD, DVD and Blu–ray burning and printing systems, related software, and sells related consumables and services. With over 22,000 systems integrated into workflows and applications, Rimage supports small, medium and global businesses around the world.

NET
TECHNOLOGIES

Since 1999, X–Net has been developing individual special solutions in the hardware and software sector and installs and maintains EDP networks for companies and institutions of all sizes and in all sectors. The common good economy has proven to be the optimal economic system in line with the open source philosophy.

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