



NEW!

Rimage Patient USB Stick System RX400-MedX

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Rimage RX400 MedX Patient USB Stick System



- 4 front USB 3 high speed ports
- 10" touch screen for easy operation
- Integrated labelprinter
- Integrated PC
- Compact, easy disinfectable case
- Gigabit Network
- Ultra silent design

GUI Languages:
Englisch, German
Planned: Italian, Spanish, French, Polish



The Touch-GUI

Easily create a USB stick by first selecting a free port and then the patient name from the order list with a finger touch.

Colors show job status clearly visible

GREEN: FINISHED

RED: ERROR

The main interface displays four patient cards, each with a status indicator and progress bar:

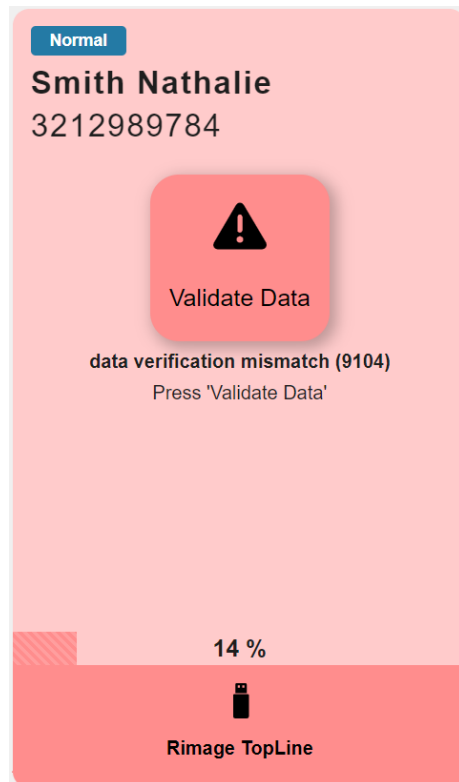
- Janssens Laurent** (888888): Urgent status, 5% progress, blue background. Status: Rimage BaseLine Pro.
- Dupont Marc** (666666): Urgent status, 100% progress, green background. Status: Rimage BaseLine Pro.
- Select Patient**: Blue button with a magnifying glass icon.
- Smith Nathalie** (777777): Urgent status, 14% progress, red background. Status: Rimage BaseLine. Error message: "Media already used (9101). Single-use media can only be written once. Remove media. Use new media."

Priority	Time	Patient Name	Patient ID	Birthday	Modalities	
Urgent	04/05/2022 10:50	Janssens Laurent	888888	16/08/1966	US SR MR XA	▶
Urgent	04/05/2022 10:50	Dupont Marc	666666	10/06/1965	CT CR	▶
Urgent	04/05/2022 10:50	Smith Nathalie	777777	17/06/1971	MG	▶
Urgent	04/05/2022 10:50	DEMO PATIENT	123456789	10/02/1984	MR	▶

MultiWORM Workflow

RX400 enables the user to add new studies to an existing Patient USB Stick. It verifies Name, Birthdate and Patient ID to make the workflow simple and secure.

If identic,
recording starts
immediatly.
If different the
follwoling
message is
shown:



The user can
double check
and start
production if
OK or cancel
the job if there
is a real
mismatch

Add data to medium

Ticket data conflicts with medium data.
Please confirm adding ticket data to this medium.

	Patient Name	Birthdate	ID
Ticket	Dupont^Marc	19650610	4804099896
Medium	Smith^Nathalie	19710617	3212989784

Cancel**Add Data**

Today's 2 leading technologies to provide Patient Data

Patient Portals – relative new technology to make patient reports online available

- Pro: Referring doctors have online access, patients have online access, cheap per study
- Problem: Data is stored for a relative short time, patient needs to download and archive, can be very slow for large files, needs online access, every clinic has its own portal, portal can be hacked and data gets stolen or is not available.
Some patients don't accept online portals

Patient CDs – very established technology with cheap production prices

- Pro: Standard, easy to produce, very reliable, write protected, cheap
- Problem: needs a CD drive to open, new CD for every new study, can be too small for large files, relative slow to open studies

Rimage Patient USB Sticks

Security:

Every USB Stick is write protected (WORM) and can be individually encrypted.

Multiple Use:

Exclusively the RX400 can open our multi-WORM sticks and add new studies multiple times.

Cost effective:

Multi-WORM stick usage avoids production of new media for every study

Information printed:

The RX400 automatically creates individual labels per stick.

Simple & fast production:

To record typical DICOM studies takes only 20-30 seconds.
Jobs can be started easily by selecting patient name on the touch screen.

High performance:

The high quality sticks and the system design allow parallel production of up to 4 sticks.
This results in a throughput, that can be several times higher than a CD robot.

Fast study opening:

Read performance of a Rimage stick is X times higher than from a CD or a online portal and opens high resolution studies in seconds.



The RX400 MedX concept

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 with easy operation of study selection and job status
- 4 USB ports to produce up to 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 further 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
- 3 ways to use:
 1. Produce new sticks with individual label and WORM protection
 2. Recognice a stick that already contains data and add new studies
 3. Use RX400 to import studies securely from USB sticks and CDs into your PACS*

*Feature planned to be added in 2022, import needs to be supported by your DICOM SW)



Value for Hospitals & Clinics

- Future proof – USB connectors can be updated to new standards like USB C
- Dual Use: Create patient USB sticks and import existing USB sticks and patient CDs securely into your PACS*
*(import needs to be supported by your DICOM software, import functionality is added with payable upgrade)
- Security
 - ✓ Write protection on Controller level prevents, that a stick gets infected by use in an non secure PC
 - ✓ Only Rimage RX400 MedX systems can add data
 - ✓ Individual encryption possible in combination with DICOM SW
 - ✓ Secure production process avoids human errors
 - ✓ Label is printed directly after a ready stick is disconnected
- Cost effective & environmental friendly
 - ✓ MultiWORM Sticks can be used multiple times and for different studies of the same patient
- On Demand production
 - ✓ No need for „pre-production“ if a patient asks for his stick its produced in 30 seconds
- Compact & silent design fits on every desk and creates no noise
- Capacity and speed allow usage in many departments
 - ✓ E.g. Radiology, Mammography, Pathology, Ultra Sound, Patient Records
- Simplified operations:
 - ✓ Intuitive touch usage
 - ✓ very simple printer refill
 - ✓ no user training needed



Value for Patients & Referring Doctors

- Media that's compatible with nearly all devices
- Store multiple studies on one device
- Own your medical data independent from limited availability in WebPortals
- Open studies in high speed
- Availability of studies from different years to easily compare and diagnose changes
- Data is available independent from internet availability and speed
- Longevity of 10+ years
- Security:
 - ✓ WORM improves security of virus-free operation strongly no matter in which devices the stick is used
 - ✓ Data can not be deleted or changed by accident
 - ✓ Individual encryption prevents unauthorized data access if stick gets lost
(needs to be supported by your DICOM SW)
 - ✓ No risk that data is hacked on a webportal and gets stolen



coming
soon!

Import Patient CDs and USB Sticks

RX400 starts as a system to create secure patient USB sticks. Data import features will be added soon and expand functionality. This is a paybale upgrade that can be installed after release

Import-features to be added in 2022

- Use RX400 as a secure device to import data from USB sticks into a quarantine zone and from their into your PACS or network.*
- Optional DVD reader enables patient CDs import into your PACS and from their to USB sticks. This opens the possibility to add existing CDs via PACS to a stick and to have all data at one place.*

*(import needs to be supported by your DICOM SW)

