



RX400 MedX

The Medical USB Solution - fast, easy & secure

The RX400 MedX has been developed by X-Net Services GmbH, Rimage Europe GmbH and in cooperation with solution providers for electronic data archiving and exchange. It is a compact, high-performance system for delivering studies to patients on a state of the art USB medium. Studies can be saved in full resolution with just a finger touch.

The RX400 MedX is very easy to set up and brings a lot of benefits for system integrators, health care providers, hospitals and patients.

Functionality

The RX400 MedX is a compact, fully integrated desktop device including integrated PC, 4 front USB ports, label printer and touch screen. The system is integrated into your existing workflows like a DICOM printer. Patient sticks are produced as easy as you know it from patient CDs.

All orders are available for selection in a clear list on the 10.1" touch display. If a patient wants to collect the stick, simply select the name from the order list by touch and the system immediately starts copying the data to one of 4 empty sticks. Due to the high USB speed, this only takes a few seconds. The stick is then automatically write-protected so it can be used safely and computer viruses don't stand a chance. The integrated printer prints the patient label as soon as the finished stick is unplugged.

What needs a Patient USB-Stick to be successful?

With the Rimage Patient stick we guarantee data security with unalterable data. This is achieved by WORM procedure. With "Write Once, Read Many" patients can not modify any data on the Rimage patient USB-Stick. This provides full 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.

With our Top Line Stick, the Rimage system will be able to add more data to existing studies/documents and protect the USB-Stick afterwards with a new WORM procedure.

OVERVIEW RIMAGE PATIENT USB-STICKS

TopLine Patient USB-Stick (16GB / 64GB)

USB Version: 3.1
MultiWORM Feature
Connector: USB A
Max Read/Write Speed: 400/200 MB/s
Sequential read/write: 40/30MB/s
Data Retention Time: up to 10 years

BaseLine Patient USB-Stick (16GB)

USB Version: 2.0
SingleWORM Feature
Connector: USB A
Max Read/Write Speed: 200/100 MB/s
Sequential read/write: 25/8 MB/s
Data Retention Time: up to 3 years



Value for Hospitals and Clinics

Simplified Operations

The integrated touchscreen directly shows all waiting studies, sorted by patient, coming from any connected DICOM source in your hospital. With a touch of a finger, you can select which study you want to store on a USB device.

With the high-performance hardware you can create USB-Sticks with common data, approx. 500 MB, in less than 30 sec. This allows you to create media on the spot, whenever a patient shows up at your front desk.

Security

The Rimage USB-Sticks for the RX400 MedX have special security features and are the only USB-Sticks you can use in the RX400 MedX. Each stick will be WORM (write once, read many) protected, disabling the possibility for patients to add any other files that may contain malware, viruses, or any other threats. Only with the RX400 MedX you are able to unlock the WORM protection, adding new studies, and re-enable WORM afterwards. This guarantees a total internal IT-Environment protection.

With the integrated, adhesive paper thermal printer you can easily label the USB-Sticks, ensuring you are handing the right stick to the right person. The dedicated patient labels are automatically created once you unplug a recorded and verified USB-Stick.

Alternative Positioning

With its small footprint of only 25 x 20 cm, the RX400 MedX is designed to be either directly on the front desk or can be easily mounted to any wall in your hospital – enabling the patient to download data directly if the patient already has a Rimage USB-Stick with previous studies.

Reliable Workflow

Without any moving and mechanical parts, the RX400 MedX is very service friendly. Most of the parts are easily swappable and readily accessible by opening the cover.

With the easily accessible SSD, containing the OS and your local data, you can even request an exchange unit if required and just use the existing SSD in the new unit. In this case, your sensitive data will never leave your environment.

Value for System Integrators

Dedicated Support

The Rimage worldwide service organization has dedicated applications engineers to provide support during all stages of system integration.

Easy Integration

The RX400 MedX API enables easy integration for DICOM SW providers. RX400 MedX is already fully integrated into several DICOM patient CD/USB solutions.

USB Technology

Allows Integrators to easily output on a new media source besides the Rimage optical systems.

Value for Patients

Reliable Records

Having the option of reusing your USB Media, you can keep track of all your medical data on a single source. This also allows doctors to see the entire patients history, which helps them to better diagnose any .

Shorter Wait Times

RX400 MedX will provide a USB-Stick with a typical study in about 30 seconds, so patients never have to wait for their personalized USB-Sticks.

Data Privacy and Security

With the RX400 MedX we are adding a new layer of security for patient records on physical data. Your personal medical data can be encrypted and in case of a loss, it will be nearly impossible to access your sensitive patient data and records. This feature needs to be supported by your DICOM Software.

Key Advantages

- USB Sticks compatible with every PC
- Fast study opening
- Studies in full diagnostic resolution
- Simple usage
- Secure

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