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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.

Functionality

The RX400 MedX is a compact, fully integrated desktop device including integrated computer, 4 front USB ports, label printer and touch screen and can be complemented with an internal DVD drive to import data from patient CD/DVD into PACS. Combined with leading DICOM solutions the system can be easily integrated into your existing workflows like a DICOM printer. Patient sticks are produced as easy as you know it from patient CDs with the advantages such as fast opening of data and high storage capacity that allows multiple studies.

The Rimage patient USB sticks are 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 makes a patient USB stick successful?

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

With our TopLine and BaseLine Pro Stick, the Rimage RX400 MedX system will be able to add more data to your existing data and protect the USB stick afterwards with a new WORM procedure. Here are some further advantages of the Rimage patient USB stick:

OVERVIEW RIMAGE PATIENT USB STICKS

USB 3.1 Medical USB Sticks with WORM Protection

TopLine (TL) Patient USB Stick (16 GB + 64 GB) – MULTI WORM
BaseLine Pro (BLP) Patient USB Stick (16 GB) – SINGLE WORM

USB version: 3.1
Connector: USB A
Max. read/write speed: 400/200 MB/s
Sequential read/write: 40/30 MB/s
Data retention time: up to 3 years (BLP) and up to 10 years (TL)

USB 2.0 Medical USB Sticks with WORM Protection

BaseLine (BL) Patient USB Stick (16 GB) – SINGLE WORM

USB version: 2.0
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

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Value for Hospitals and Clinics

Simplified Operations

The integrated touchscreen shows all waiting studies, sorted by patient, coming from any connected DICOM source in your hospital. Via touchscreen, you can select which study you want to store on the USB stick.

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

Security

The RX400 MedX can exclusively be used with Rimage USB sticks that have special security features such as WORM (write once, read many) protection. This guarantees that no other files that may contain malware, viruses or other threats can be added on the stick and thus get into highly sensitive networks. Only with the RX400 MedX you are able to unlock the pre-WORM protection, add new data and reactivate the WORM protection afterwards. This limits the risks of malicious USB sticks and provides an additional IT environment protection.

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

Reliable Workflow

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

With the easily accessible SSD that is securely locked within a cage, containing device configuration data and locally used study 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.

Service Options

For the RX400 MedX system we offer two different types of maintenance contracts to accommodate the needs of our customers.

Send-in Service

The customer needs to send in the RX400 MedX system at his own costs. When the system arrives in the service depot, the service team will repair the system as quickly as possible. After repair, the system will be sent back to the customer and Rimage is covering the return freight costs.

Fast-Track Service

Rimage will send out a replacement unit to the customer on the next working day on Rimage costs. When the system arrives at the customer, the customer needs to send back the broken unit using the included return label.

Value for System Integrators

Dedicated Support

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

Easy Integration

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

USB Technology

The 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 stick, you can keep track of all your medical data on a single source. This also allows doctors to see the entire patient's history, which helps them to better diagnose disease progression.

Shorter Wait Times

RX400 MedX will provide a USB stick with a typical study in about 30 seconds, so patients don't have to wait long for their personalised 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 however, needs to be supported by your DICOM software.

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