MED SQUARE

ULTIMA TERABOX LIGHT
Compact and efficient archiving

The light version of Ultima Terabox assures secure archiving of your data and images for short- and medium-term durations. Thanks to its web portal, the product distributes images and clinical reports within your institution or from a distant location. The RAID 5 technology guarantees high security for your archive and allows hot swap of defective hard drives while staying online.

Features

ARCHIVING
· Fast and secure archiving, multi-criteria search
· Real Time DICOM accessibility
· Storage management in time (compression)
· Archiving of raw images and reformatted images with annotations

COMMUNICATION WITH DICOM ENTITIES
· Multi-manufacturers, multi-modalities (unlimited connections)
· Complete communication methods (send, receive, retrieve)
· Automatic routing to multiple destinations according to rules based on DICOM fields

HIS/RIS COMMUNICATION
· Patient information update (A08)
· Patient/exam data fusion and reconciliation (A40)
· Medical Reports Integration (R01)

VIEWER
· Complete set of measurements & annotations / advanced comparative mode & MPR
· Web Viewer, unlimited & simultaneous remote connection

VIRTUAL MEDIA
· Cloud sharing of DICOM studies in 1 click
· Studies, DICOM viewer & clinical report are selected and automatically packaged

· The package is encrypted, password protected, and sent to the Cloud in 1 click
· An e-mail including the link and the password is automatically sent to one or more destinations
· The e-mail template is completely customizable and includes instructions
· The expiration date of the stored studies is configurable
· Data are encrypted (AES 256) and totally secured (SSL protocol)
· The storage space is certified SSAE16/SOC1, SOC2, ISAE 3402

INTERFACE
· Ergonomic, user-friendly and multifunctional
· Web architecture, unlimited simultaneous connections from all PCs in your institution
· Advanced & completely configurable user accounts and administration rights
· Complete real-time tracking of orders: deleting, media virtualizing, sending, viewing, etc.
· Complete audit log

CLINICAL REPORT
· Creation of clinical reports with images & hyperlinks on Ultima web interface
· Reports imported in several formats
· Automatic inclusion of reports through the RIS (HL7)

Options

REPLICATOR : Instantaneous and configurable data replication through the network on an independent storage box

WEB REMOTE ACCESS : Remote and secure connection to the Terabox through the web, with different levels of compression for quick viewing

Advanced & completely configurable user accounts and administration rights

QUALITY CONTROL : Correction of discrepancies between acquired images and patient information associated with those images

Ability to auto-match Patient and Study information from the Worklist or PACS, as well as to manually correct error

Specifications

ULTIMA DICOM SOFTWARE

Fully DICOM 3.0 compliant & provides the following DICOM services:

· Verify SCU/SCP
· Store SCU/SCP
· Query/Retrieve SCU/SCP (C-GET/C-MOVE/C-FIND)
· Storage commitment SCP
· IHE compliant

CHENBRO SERVER OR EQUIVALENT

· RAM: 8Go
· Windows 10 Professional
· Microsoft SQL Server 2016 Express

Hardware Configuration

· Patients' data and database installed on hard drives configured in Raid 5
· Automatic e-mail alert in case of hardware errors
· **Possible configurations:**

Model	Storage capacity
Ultima AL02	2 TB Usable
Ultima AL03	3 TB Usable
Ultima AL04	4 TB Usable

Ultima Terabox Light, distributed by Medsquare

DICOM Software, powered by our partner MPTronic

CE Medical Device based on Ultima 2017/745