Tricefy

version 4.0
feature overview

The cloud platform for ultrasound

archive
studies securely and
view from anywhere
at anytime

collaborate
with referring
physicians, colleagues
and experts immediately

share
images and clips
instantly using secure
links with your patients

Tricefy Web Application

Study Management

- Simple and intuitive GUI
- Flexible and comprehensive search
- Graphical filtering and sorting
- Full access to study details and DICOM metadata
- Up to 10 years of storage
- Download various file formats (DICOM, JPG, MP4, PDF)
- Upload popular file formats (DICOM, JPG, MP4, PDF, DOC...)
- Attach uploads to studies
- Flexible automation system. E.g. automatically share or label based on file properties or content
- Configurable with persistent user preferences
- Event history / detailed audit trail

DICOM Image Viewer

- Browser-native HTML5 application
- Configurable thumbnail strip
- 1-up to 16-up image layout
- Zoom and pan tools
- Annotate and comment
- Auto-play for clips and sequences
- Frame-by-frame stepping through image sequences
- Playback speed adjustment relative to realtime speed
- Compare images studies
- Integrated study list for efficient reading

Sharing with Patients

- Share reports and anonymized images with patients via email or mobile phone
- Share from Ultrasound machine or the Tricefy application
- Manage previous patient shares. Resend, delete, and monitor
- Patients receive links providing access to images and reports on any device
- Self-explanatory patient-facing UI
- Patients can forward to friends and family via SMS, email or Facebook

Consulting with Colleagues

- Deliver exam results to referring physicians
- Ask for second opinion
- Invite to online consultation
- Full access to DICOM image viewer with comments and annotations
- Transfer of anonymized or full medical data
- Simple access control

Account Structure

- Create separate account for each department
- Users can be members of multiple accounts
- Unified study list from all or some accounts (as the user prefers)
- User permissions are set per account.
- Account and user management dashboard integrated into the system

Integrations

- Automatic sharing of study links with EMR systems via HL7

- Interface to ViewPoint 6 to share reports and images with patients and physicians

- Side-By-Side DICOM image viewer integration with Sonultra

- Single sign-on authentication for athenahealth users

- Cross-platform file uploading agent

- Patient and study mapping of non-DICOM files is based on filename pattern or companion metadata file

User Authentication and Permissions

- Email / phone number + password basic authentication

- Optional 2-step verification support (A.K.A. Multi-Factor Authentication)

- Simple permission system with carefully selected permission attributes

- No explicit authentication for patient access to anonymized images

Client Device Requirements

- Modern computer, tablet or smartphone

- Support for the 2 most recent major versions of Google Chrome, Internet Explorer, Safari and Firefox

- Limited features available for older browsers and less powerful devices

Tricefy Uplink

A software program installed on a customer computer for transfering DICOM studies to the cloud securely over a regular internet connection.

- DICOM storage receiver (Storage Class Provider protocol) for multiple imaging devices

- Encrypts all DICOM transfers to the cloud with authenticated TLS 1.1

- Robust and reliable in questionable network conditions

- Easy install and setup

- Minimal footprint

- Cross platform system service - Windows, Mac OS X and Android

- Can be embedded into medical devices via partner program

Tricefy Uplink Hardware Requirements

- Computer running Windows, Mac OS X, Linux or Android OS

- Fixed IP address (static IP or reserved DHCP lease)

- Internet connection. Preferably a >5MBit broadband connection

General Information

DICOM Support

- Access to full DICOM metadata

- Automatic thumbnail generation

- DICOM conversion into JPG, MP4 and PDF

- Supports common encapsulated file formats

- Generates appropriate DICOM metadata for non-DICOM uploads

- Can anonymize images and metadata without user configuration

- Tricefy primarily supports ultrasound and related file formats. There is basic support for most other DICOM modalities

Customer Support

- Installation support

- Telephone hotline support

- Remote maintenance

- Continuous software maintenance and updates

- Online help documents and user manual

Security and Privacy

- Fully encrypted. File transfers, data at rest, user access... everything is encrypted using industry best practices

For more information see our Security Whitepaper.

https://downloads.tricefy.com/tricefy-whitepaper.pdf

Compliance

- EC Medical Device Directive (93/42/EEC)

- CE certification

- Certified quality management system according to ISO 13485

- FDA Class 1 Medical Device

- Rx Only