



DICOMweb Specifications

Last Modified on 2026-06-10 14:11

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Tricefy supports uploading of ultrasound captures through [DICOMweb](#). Below are some of the technical details of the Tricefy DICOMweb API.

Specification	Description
DICOMweb service	Store DICOM objects (STOW-RS)
Transfer syntaxes	JPEG Baseline (1.2.840.10008.1.2.4.50) JPEG Lossless (1.2.840.10008.1.2.4.70) Explicit VR Little Endian (1.2.840.10008.1.2.1)
DICOM file types (SOPClassUID)	Ultrasound Image (1.2.840.10008.5.1.4.1.1.6.1) Ultrasound multiframe (1.2.840.10008.5.1.4.1.1.3.1) Structured Report (1.2.840.10008.5.1.4.1.1.88.33) Secondary Capture (1.2.840.10008.5.1.4.1.1.7) Encapsulated PDF (1.2.840.10008.5.1.4.1.1.104.1)
API endpoints	Tricefy Global: https://tricefy4.com/dicomweb/studies Tricefy USA: https://us.tricefy.com/dicomweb/studies
HTTP Methods	POST GET
Content-type	application/dicom
Body	raw DICOM file bytes
Authorization	Basic <base64 email:token> Username: <i>Tricefy user email address</i> Password: <i>Tricefy Account API token</i>
Max file size allowed	10 MB
Max connection time	60 seconds (one file upload per connection/request)

An account API token can be generated in the Tricefy account settings (admin only)

- Token is shown only once when created, so copy and store it securely
- If lost, delete it and issue a new token
- The authenticated user must have access to the account associated with the token

A GET request to the DICOMweb endpoint can be used to verify authentication/connectivity:

```
curl --location \  
--request GET "" \  
--user "user@example.com:ACCOUNT_API_TOKEN"
```

Example POST request:

```
curl --location \  
--request POST "<TRICEFY_DICOMWEB_ENDPOINT>" \  
--user "user@example.com:ACCOUNT_API_TOKEN" \  
--header "Content-Type: application/dicom" \  
--data-binary "<dicom_file>"
```