

TDO and EHR Certification

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Overview

Users who upgrade to TDO version 11.2 will be qualified to receive incentive payments from the Medicare EHR Incentive Program. Please visit <https://www.cms.gov/EHRIncentivePrograms/> for more details.

Some of the EHR certification requirements were already implemented in TDO previously. To satisfy all of the EHR certification requirements, the following features were added to TDO.

1. **Audit Log** – Record actions related to electronic health information and generate an audit log.
2. **Integrity** - Generate hash value for electronic health information.
3. **General Encryption** – Encrypt and decrypt electronic health information.
4. **Emergency Access** – Permit authorized users (who are authorized for emergency situations) to access electronic health information during an emergency.
5. **Smoking Status** - Record patient's smoking status.

Audit Log

To generate the audit log, go to **Reports->Administrative->EHR Audit Log Report**.

TDO is now logging the following:

- Creates a new patient
- Adds a new tooth for a patient.
- Switches from one patient to another patient
- Updates to the Patient Information, Diagnosis, Treatment, Final Report, Recall, Surgical Diagnosis, and Surgical Treatment page
- Deletes a tooth

Integrity

Users can export any notes into a text file and a hash generated for it. Users can transmit this information to another **TDO user** and be assured that TDO will detect if the note has been altered in transit.

To access this feature, it must first be enabled in the Control Table on the Workstations Settings tab. Check the “**Allow Notes Encryption**” checkbox. Log out of TDO and then log back in. This must be done on each workstation where you want to use this feature.

Control Table

Control Table Information

Practice Information | Application Settings | Network Settings | Workstation Settings

Digital Radiography

Radiography Software:
Radiography Path/Source:

Remote Camera

Software: Breeze Systems
Remote Camera Software Path: c:\Program Files\BreezeSys\DSLR Remote Pro
☐ Autosave Camera Image ☐ Autoload Remote Software

CBCT Settings

CBCT Software: Default CBCT Image Category: Kodak
Kodak TW Path: KDIS Application Path:
Kodak Volume Path:

Inactivity Duration Before Logoff

Minutes: 30

Pin Pad Settings

Pin Pad Type: Connection Method: Com Port:

Image Location

Flash Card Reader Path:

Patient Privacy

☐ Open Application Showing Calendar First

Tooth Models

Tooth Model Path: C:\Program Files\Brown & Herbranson\3D Tooth Atlas

Digital Signature

Signature Type: Leadtools (Default)

Notes Encryption

☒ Allow Notes Encryption

Close

Close the **Control Table**. Log out and Log back in. Go to the **Notes** tab. Go to the note you want to generate a hash value for. Check the “**Encrypt**” checkbox. Click on the **Export** button. Hash value will be generated and the note will be exported to a file. A message box will display to let the user know where the hash value and the exported note has been stored. The user can then transmit these two file to another TDO user.

☒ Tooth ☐ Patient ☐ Private ☐ Administrative ☒ Sort Descending

Date: 9/29/2011 3:02:20 PM **Macro Note:** Surgical Diagnosis Summary

Surgical Diagnosis Summary:
 Tooth #: 10
 Probings:
 Roots Involved:
 Anatomical Considerations:
 Floor of nose
 Mandib n
 Treatment Complexities:
 Lingual root
 Probable Etiology:

Category: Surgical Diagnosis Note ☐ Encrypt ☐ Show on web to referring ☐ Hide Note ☒ ABC

The recipient of the note can then import the note into TDO by clicking on the **New (blank) record** button at the bottom. The import button will appear. Click on the Import button. A browse for file dialog will display for the user to select the note they want to import. Select the note you want to import. If the note created has been modified in transit, a message box will warn the user. Otherwise, the note will be displayed.

Again, this only allows for the sending of encrypted notes from one TDO user to another. This will not allow you to send encrypted notes to referring offices. Any sending of messages to other referring offices should be done using the "**Send Link Only**" functionality that TDO Cloud Services provides.

Emergency Access

TDO can now permit authorized users (who are authorized for emergency situations) to access electronic health information during an emergency. If electrical power have been severely damaged due to a natural or manmade disaster a user with "**Emergency Access**" should login to access needed electronic protected information.

To assign emergency access authorizations to user accounts:

- 1) Click on Administrative menu, select **Add/Edit Use Names and Passwords**.
- 2) Go to the User you want to give Emergency Access to.
- 3) Click on the "**Enable Emergency Access**" check box.

To trigger or activate emergency access go to the Control Table and check the "**Emergency Mode**" check box. Close the Control Table. TDO is now in Emergency Access scenario.

Logging with Emergency Access will log the event as “**EMERGENCY Login**”. Managers who are given Emergency Access will now have Full Access to electronic health records.

Smoking Status

Users can now record patient’s smoking status.

- 1) From the “**Patients**” tab, select the patient
- 2) Click on the “**Menu**” button, just below the Phone Combo box. Select “**Smoking Status**”
- 3) Enter in a date and select the drop down box the patient’s smoking status

Online URL: <https://kb.tdo4endo.com/article.php?id=386>