



# Cloud4Dentists X-Ray and Scanner integration

## Twain App User Guide

### Introduction

The C4DS Twain App has been built to interconnect 2D X-ray devices and scanners to **Cloud4Dentists** Practice Management System.

The **C4DS Twain App** works with all Twain compatible devices and scanners. Please contact your device vendor to check if your device or scanner supports Twain driver and to get the Twain driver installed.

**Note:** we currently support only 32 bit Twain drivers.

### Prerequisites

Check with the vendor of your device and scanner if the device or scanner has a Twain driver and check if that is already installed in the practice.

If the Twain driver is not installed please obtain the driver and install the driver in the Windows machine where the software to take the 2D images is installed.

Please check with the vendor before taking any action.

We currently support Twain drivers 32 bit only on Windows computers.

**Important:** Install the C4DS Agent by following the instructions here

<https://cloud4dentists.com/download/C4DS%20Agent.pdf>

### Download

Once the Twain driver is installed on the Windows machine please proceed to download the C4DS Twain App from the link below:

<https://cloud4dentists.com/download/C4DSTwainSetup.msi>

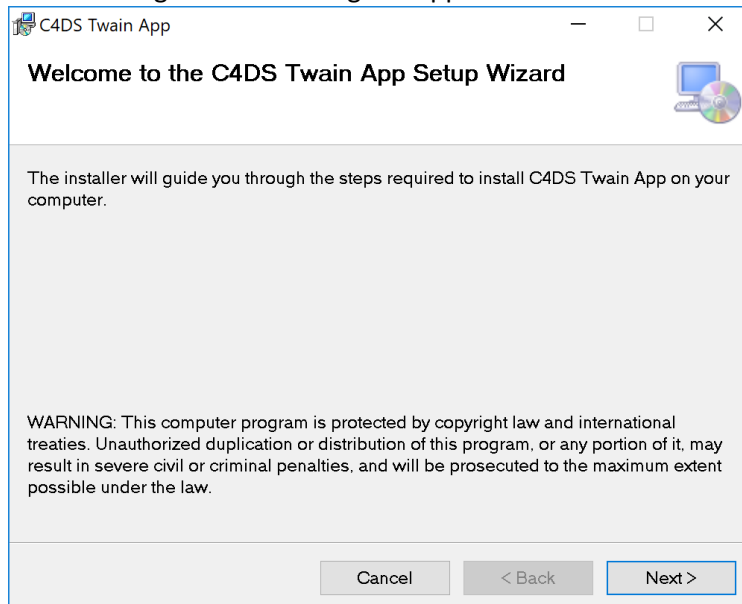
Once downloaded proceed with the installation.

### Installation

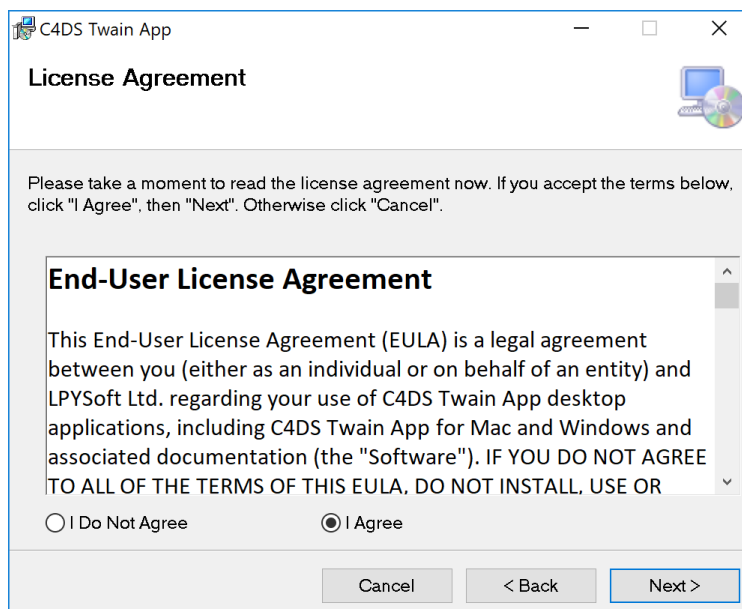
Locate the file **C4DSTwainSetup.msi** that generally is downloaded under the Downloads folder.

Double click the file to start the installation (in case a security dialog prevents the installation press the **More info** link and the **Run anyway** button)

The following welcome dialog will appear:



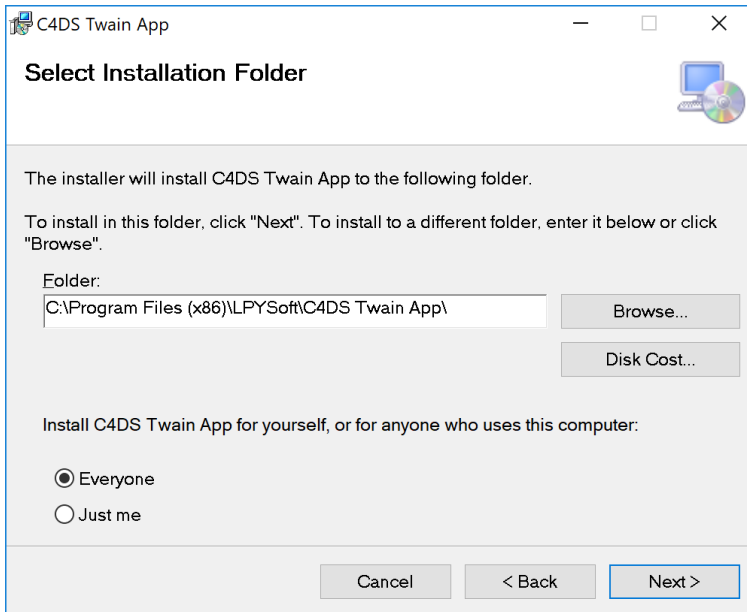
Click the button **Next >**



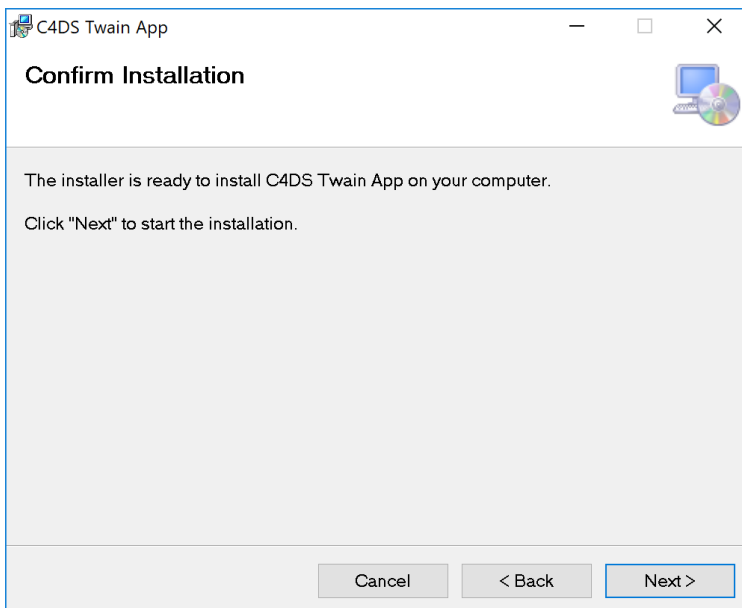
Read the **License Agreement** and select **I Agree** if in agreement

Click the button **Next >** if in agreement to continue the installation

Or click the button **Cancel** if you do not agree with the **License Agreement** and you want to cancel the installation

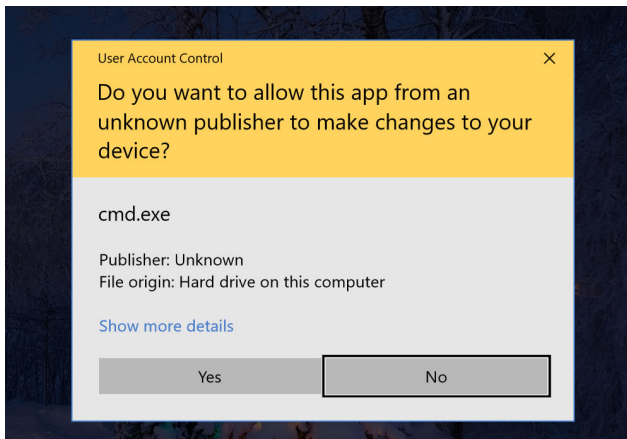


Click the button **Next >**



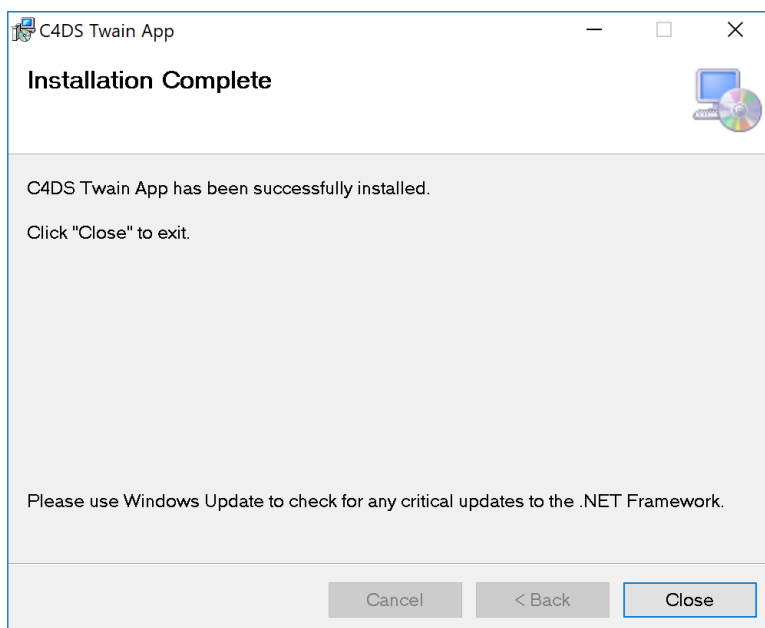
Click the button **Next >**

In case the Windows User Account prompts to elevate the privilege of the installation please select **Yes** to continue the installation. The dialog in Windows 10 looks like:



Select **Yes** to continue the installation

The installation now will copy all the files... at the end the following dialog will appear



Click the button **Close**

The installation is now successfully complete. Please refer to the How to use the application for the instructions to operate the application.

## How to setup the application first time

Logon to Cloud4Dentists

Click on the **Cart** icon



Then select **XRays / Scanners**

Click on the check box

XRays / Scanners

XRays / Scanners

Take XRays from our App and upload them to Cloud 4 Dentists

Check the box if you require to integrate your XRay with Cloud 4 Dentists. The XRay Agent will allow you to take XRays from your device via Twain protocol and upload the image straight into the customer history in Cloud 4 Dentists.

Follow the instructions below to install the Cloud 4 Dentists XRay Twain Agent on the computer where the XRay software is installed to link it with Cloud 4 Dentists

Windows  
1. Click on the check box and press the Save button  
2. Download the Twain Agent [here](#)  
3. Once downloaded... install the Twain Agent (full instructions are [here](#))

Mac  
Currently not supported

Press **Save** button

## Use the application integrated

Open **Cloud 4 Dentists** in a browser

Select a patient

Got to **History** by pressing the following button



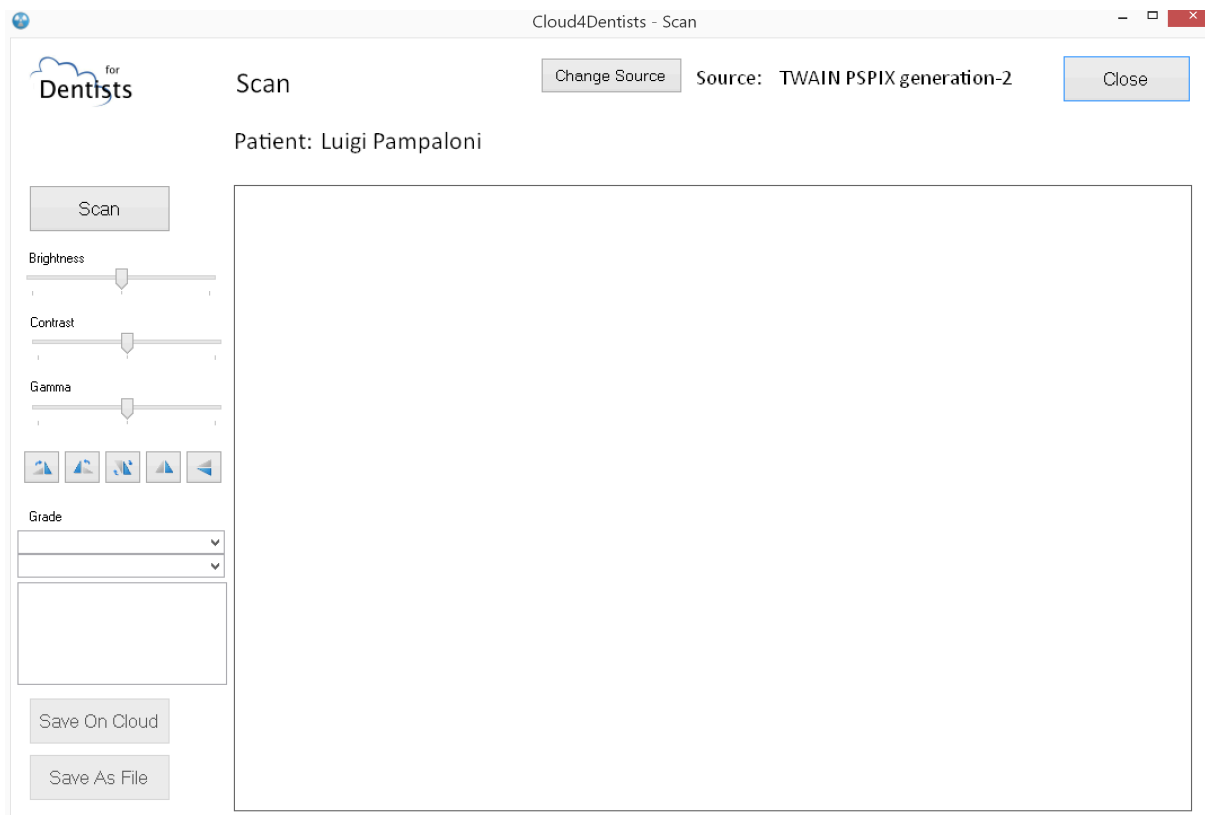
Under History click the **Take X-Ray** button



A new browser window will open

(You may be warned and to run the application you should confirm the warning)

On confirmation the following application will open



Make sure that in the source the name of the device is displayed correctly otherwise click the button **Change Source** to list all the sources and select the correct device.

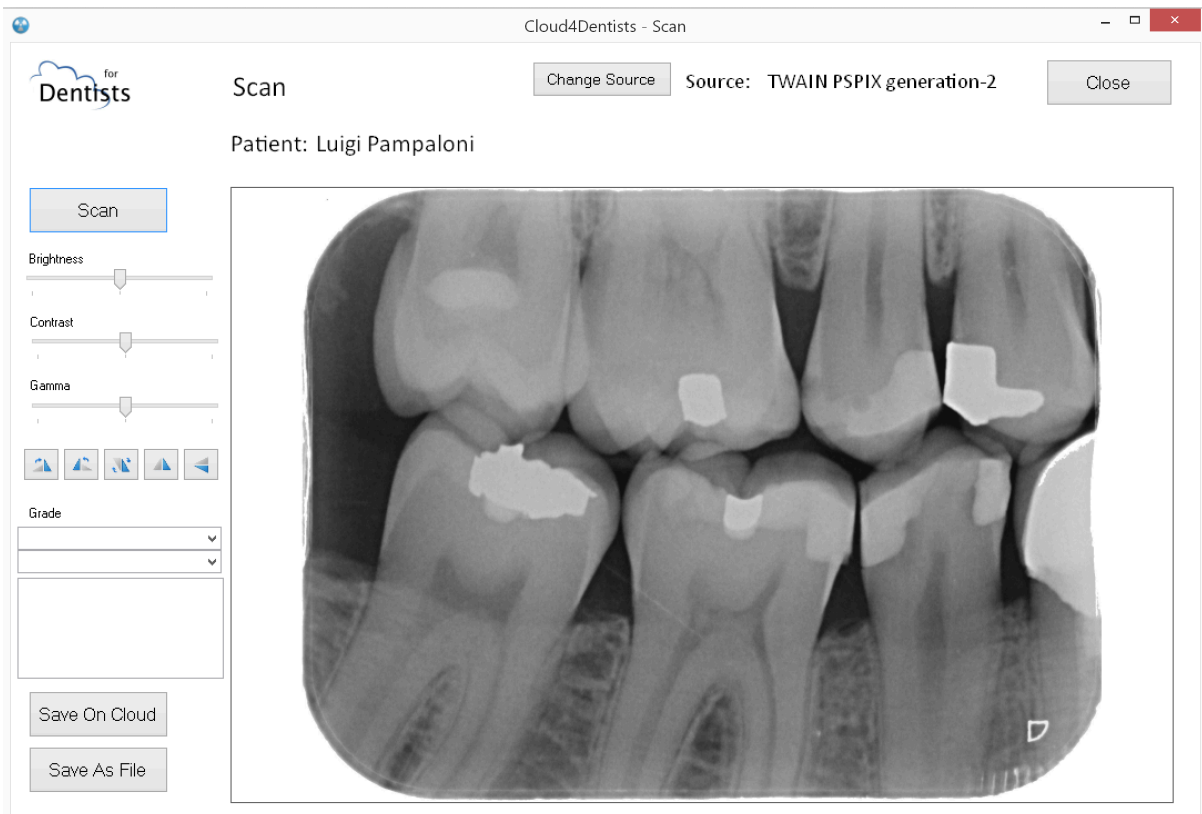
Once the Source and the Patient are correct press the **Scan** button.  
You can close this dialog anytime by pressing the **Close** button.

Once pressed the **Scan** button the scanning software will start. Every vendor has a different scanning software and instructions are omitted in this manual.

**NOTE:** Refer to the vendor's device to operate the device or the scanner.

Once the scan is completed the image scanned is displayed on the first image in the list.  
The image is already uploaded in **Cloud4Dentists** under the patient history.

To add another scan, press the **Scan** button on the second image to take another scan. We allow up to 6 scans per session. In case you need to take more scans, close this dialog and select the patient again.



**Note:** If the scan could not be uploaded a **red cross** is visible next to the scanned image and requires to be uploaded manually.

Press **Save On Cloud** to save it straight into **Cloud4Dentists**.

To upload manually press the **Save on Local Disk** button to save the files locally then upload the images by using **Cloud4Dentists**. On **Cloud4Dentists** you need to search for the patient and go to the history of the patient. The files can be uploaded one by one by clicking on the add buttons or dragged into the grey area.

To close the dialog, press the button **Done**.

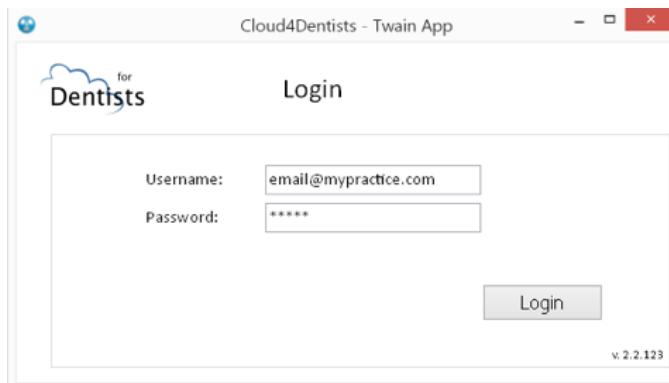
**WARNING:** in case the scan is not uploaded to **Cloud4Dentists** and the button **Close** has been pressed you can still access the file under C:\Temp\xrays.

To close the application and logout press the cross sign on the Patient Selection dialog.

## Use the application stand alone

From the **Windows Start Menu** select **C4DS Twain App**

The login dialog will display:



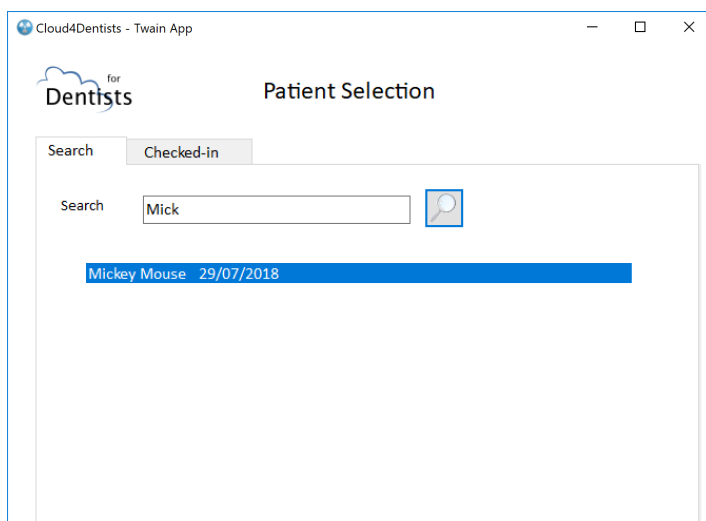
Enter a valid **Username** and **Password**

At first logon the PIN will be empty so enter the PIN generated above  
(At second logon the PIN will be pre-populated)

Click the button **Login**

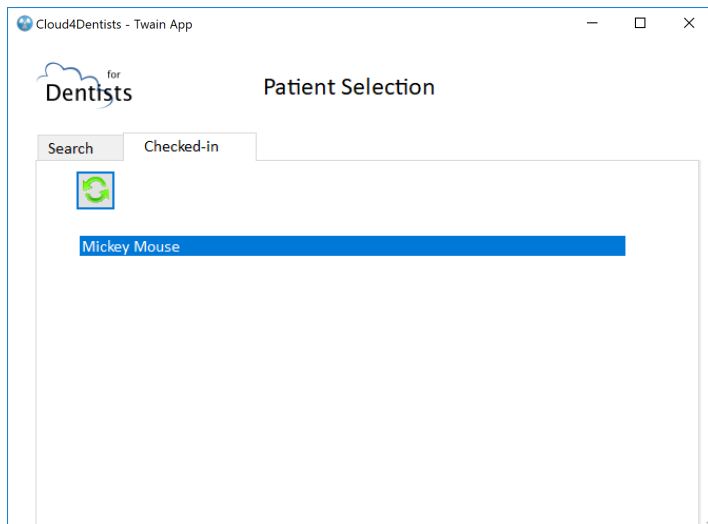
To take a scan you need to select a patient first.  
There are two options:

The first is to search for a patient from the **Search tab**, type a name or a date of birth to search for the patient or \* to list all the patients

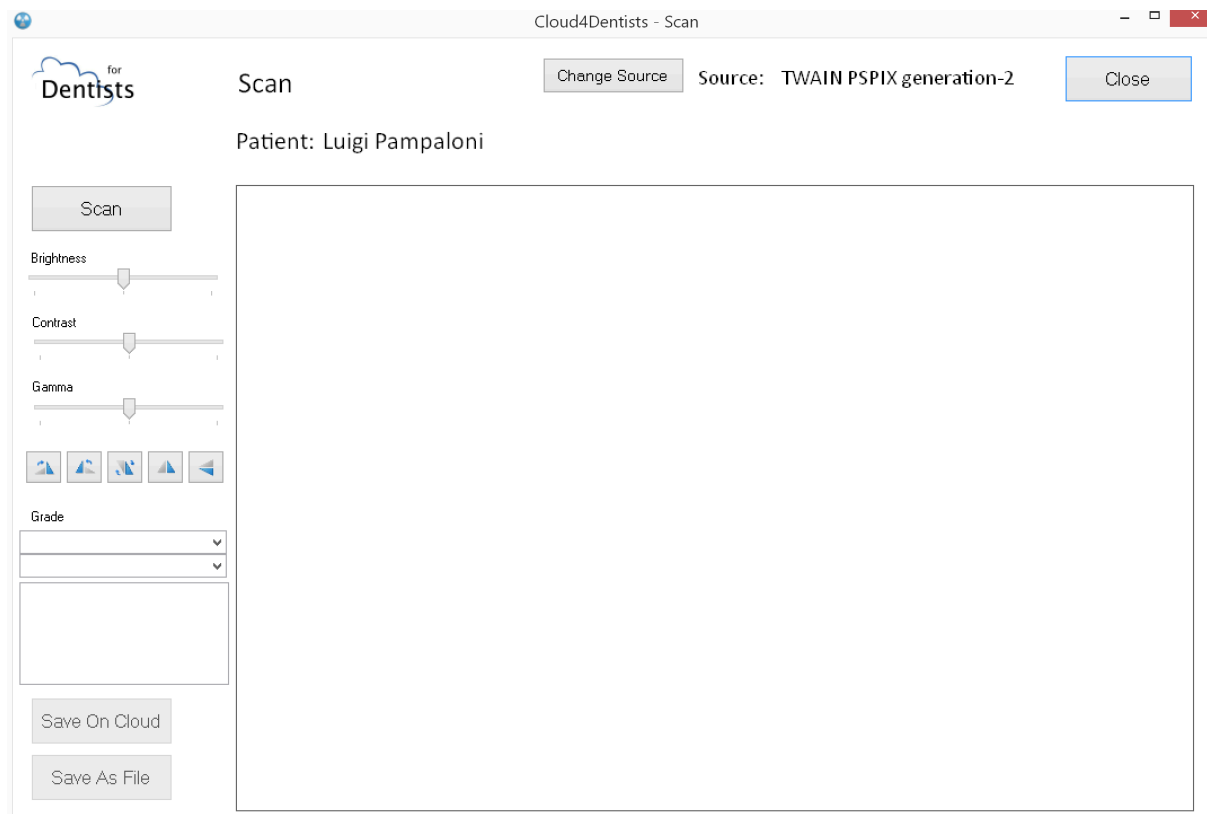


Or click on the **Checked-In tab** to see the list of patients that are currently checked-in the practice.  
Please press the refresh button in case the patients are not displayed.





Once selected the correct patient **double click** on the name of the patient to open the Scan dialog:



Make sure that in the source the name of the device is displayed correctly otherwise click the button **Change Source** to list all the sources and select the correct device.

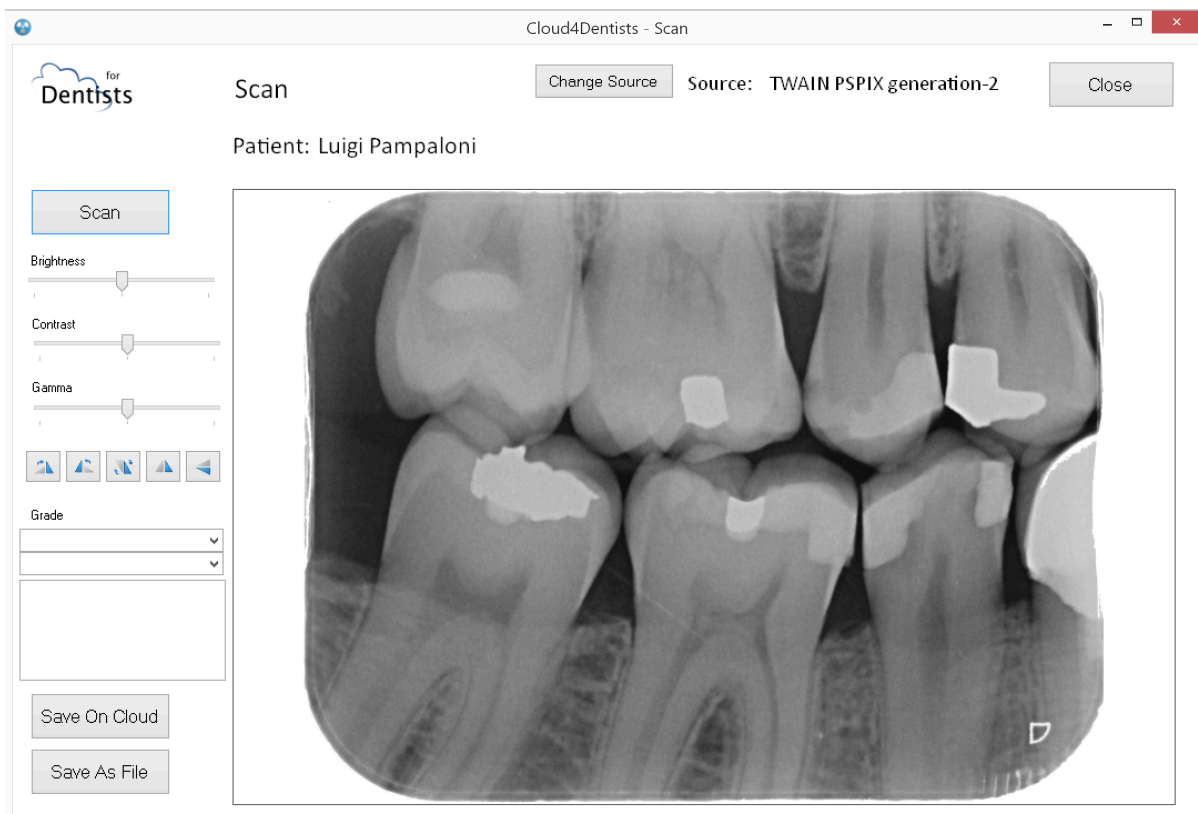
Once the Source and the Patient are correct press the **Scan** button.  
You can close this dialog anytime by pressing the **Done** button.

Once pressed the **Scan** button the scanning software will start. Every vendor has a different scanning software and instructions are omitted in this manual.

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To close the dialog, press the button **Close**.

**WARNING:** in case the scan is not uploaded to **Cloud4Dentists** and the button **Close** has been pressed you can still access the file under C:\Temp\xrays.

To close the application and logout press the cross sign on the Patient Selection dialog.