

# PCPO Vendor Supported Practices Support and Hardware Documentation

Date	Name	Revision Details
12/13/2016	Jason Juric	Initial creation of the document
1/15/2017	Jason Juric	Added Secure Button support information
5/11/2017	Jason Juric	Added PCPO support structure information
3/20/2019	Jason Juric	Changed Signature Pad installation instructions



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## Scope

This support guide is intended for PCPO vendor supported practices and their IT vendors. It contains PCPO support structure details as well as information and guides on EPIC peripheral devices, Dragon 360 dictation software and EPIC Warp Drive/Secure Button. The information in this guide is subject to change.

# Initiating PeC hardware support

The first line of hardware support should be the practice IT support vendor as they can determine the nature of the issue and who can best address it. If it is determined that the issue is with one of the Partners devices, please follow instructions below on how to contact PCPO support. Please do not initiate support or professional service requests via email or clinical messaging, or leave voicemails. These communication methods are difficult to track, and we are therefore unable to commit to consistent service levels for issues that are communicated in this manner. Instead, you can access PeC support by contacting the Help Desk for urgent and routine requests.

Additionally, you may enter a Web Ticket for Routine requests.

Note: When contacting the Help Desk, please mention that you are a PCPO practice as this will help route your call more accurately.

Issue Type	Definition	Examples	Response Time	Contact
Urgent	Issues that compromise patient care.	<ul><li>CVO router failure</li><li>WarpDrive/Secure Button failure</li></ul>	1 hour for issues that compromise patient care	24/7 HELP Desk 857-282-5999
Routine	Questions or concerns that are not urgently impacting patient care.	<ul> <li>Product questions</li> <li>Enhancement requests</li> <li>Hardware additions/changes</li> </ul>	1-2 business days	Web Ticket (Routine Only)

#### Web Ticket Submission Link:

- o https://www.partners.org/sn
- Use the Login button in the top right corner and then select the Open a PeC/Epic Ticket button.
- Complete all required fields
- Be sure to include your phone number or email address
- Select or change your location to PCPO to improve ticket routing to the appropriate group



## Minimum Systems Requirements/Technical Specifications for EPIC

**Note:** Please keep in mind that these technical specifications are based on the best information we have at the time of publication and are subject to change.

## **Personal Computers**

Partners eCare runs over a Citrix client. This means that the computational load to your personal computer will be minimal.

If you are planning on purchasing additional hardware before your Partners *e*Care Go-Live, please ensure that the following minimum specifications are met.

	Windows Computers	
Operating System:	Windows 7, Windows 8, Windows 10	
Processor:	Minimum of two processor cores, such as Intel Core i5 processor	
RAM:	4GB	
Video Device:	DirectX 10.0 or higher supported	
Hard Drive:	: 7200 RPM access speed or better	
Network:	Gigabit (10/100/1000) Network Interface Card	

## Laptops

Please note: Though it is possible to access EPIC on a laptop, Partners eCare highly recommends PCs for use in clinical documentation. Smaller screen resolutions found on laptops will require additional scrolling and in some instances could rearrange elements of the EPIC workspace.

	Windows Computers	
Operating System:	Windows 7, Windows 8, Windows 10	
Processor:	Intel Core i5 processor or better	
RAM:	4GB	
Monitor:	15"	
<b>Minimum Resolution:</b>	1920x1080 resolution, 32-bit color	
Network:	802.11 wireless b/g/n or equivalent or embedded mobile broadband	
Optical Drive:	Not required	

Note: Laptops with HD (High Definition) screens are better suited for Epic than non-HD screens.



## Mac Computers

Please note: Though it is possible to access EPIC on a Mac, Partners eCare recommends PCs for use in clinical documentation. Therefore, minimum technical requirements for Mac are not available at this time.

#### **Monitors**

Partner's eCare recommends 24" monitors with a resolution of 1920x1080 for optimal viewing in the EPIC environment with minimal scrolling. Any monitor smaller than 24" might require scrolling and might rearrange items in EPIC workspace.

## Cisco Virtual Office Router (CVO) overview

Cisco Virtual Office router (CVO) is a device that Partners Healthcare uses to connect EPIC printers to the Partners intranet network. This device is installed at all Partners affiliate sites under following assumptions:

- The affiliate site is not connected to the Partners Network
- The affiliate site will provide a working Internet Service Provider Connection
- The affiliate site will provide a secure physical location for the CVO router. To be located in a locked closet, room or enclosure to ensure the device is secure from un-authorized personnel access.
- The affiliate site will provide a contact person responsible for the coordination and installation of the CVO router. If the contact person is not technical, the affiliate site must provide a technical resource with the ability to assist the site in the pre-provisioning and installation process.

PCPO eCare technical team will provision and install the CVO device. PCPO eCare technical team will also be the point of contact in case of any CVO issues. All CVO issues must be directed to the PCPO eCare technical team.

#### **Installation / Troubleshooting**

Please contact Partners IS for troubleshooting and Tech Support.



## Business Continuity Appliance (BCA)

Business Continuity Access or BCA will help avoid productivity loss by storing patient records for upcoming visits locally. When your BCA is used in conjunction with an Independent Power source (a battery backup) and a local printer (USB cable to PC) it will allow seamless continued local access to essential patient data during network or power outages. Critical patient data will remain available to staff without significantly interrupting the schedule or compromising patient care.

BCA device devices directly connected to Partner's network may be used as a workstation for day-to-day operations. BCAs connected to Partners through a CVO can only be used for downtime access.

BCA requires a PC loaded with the Partners build. Partner's eCare recommends a 20" monitor for comfortable viewing on BCA devices. For wiring or other additional services, please consult your Technical Vendor.

#### Pricing: (all equipment, excluding BCA, must be purchased by Practice)

Computer w/ BCA PC application available upon Request.

Monitor Quotes can be available upon Request.

Local printer Quotes can be available upon Request.

Please Note: Prices are subject to change.

#### Installation:

Please contact Partners IS for troubleshooting and Tech Support.

#### Credit Card Reader

The Partners eCare preferred vendor for credit card processing and integration Commerce. Trust Commerce provides a mechanism for integrating credit card with the EPIC billing module using a dedicated credit card reader.



is Trust payments

#### **Requirements:**

Partner's eCare requires the use of a specific encrypted credit card reader, the SecureKey M130. The M130 has a credit card reader and keypad that can be used to collect in-person and telephone

payments. Through Trust Commerce, credit card transactions from Visa, MasterCard, Discover, and American Express can be processed. Practices must first obtain a merchant account for each type of credit card they wish to accept.



#### Pricing:

The SecureKey M130 keypad retails for about \$120.00. The per-transaction processing fee for Trust Commerce is 14.5 cents per attempt. These fees are in addition to any credit card processing fees you expect to pay.

#### **INSTALLATION:**

These devices are plug\_and\_play.

- 1. Plug into USB port under a profile that has administrator rights
- 2. Allow drivers to install
- 3. Open notepad and swipe credit card.
  - a. Information should look similar to this:

#### **Sample Data from Note Pad:**

```
<DvcMsg Ver="1.1"><Dvc App="SecureKey Software" AppVer="1.0" DvcType="M130-IDTECH"
DvcSN="54133009214" Entry="SWIPE"></Dvc><Card CEncode="0"
ETrk1="BF52BAC6D6F13F7F643C24A0D966BBFF31B906B12EFCC85BE125480CF448783EBE361
FD5CEB5BE4
33EBB7E324C8AFC729BB0D03D16EA8A850ED98F238FEBDB0DCD5D82B7EB43ED75"
ETrk2=""
CDataKSN="5B0007202603AD800084" Exp="1706" MskPAN="4635*******4060"
CHolder="HEALTH/PARTNERS" EFormat="4"></Card><Addr></Addr></Tran
TranType="CREDIT"></Tran></DvcMsg>
```

#### **Troubleshooting:**

#### No information being transmitted after swiping Credit card:

Check for USB sleeping, USB might be set to sleep after so long. To wake up unplug CC reader and re-plug. Sometimes restart may be required.

#### **Cannot Log in to trust commerce:**

Check version of Java. Some applications use different versions of Java and could interfere with trust commerce working correctly. **Note:** Multiple versions of Java may be installed simultaneously.



# Electronic Signature Pad

Electronic Signature pads are an efficient way of collecting patient signatures and keep electronic copies of forms. This eliminates any paper waste and documentation errors that may occur.

#### HOW?

When it is time to collect a signed form or document, staff will navigate to a list of e-signature compatible documents within Partners eCare and select the appropriate document. Once reviewed by the patient, they can use the e-signature pad's stylus to record their signature and clicks accept. On the list of documents, an icon is now displayed indicating that the signature was collected and a timestamp shows the exact date and time.

#### Documents available with Partners eCare:

- Assignment of Insurance Benefits
- Missing Referral or Prior Authorization
- Missing PCP/PCC or PCP/PCC not updated
- Financial Agreement
- Acknowledgement of Receipt of Privacy Notice
- External Information Medication Consent
- Patient Consent/Opt-In to the Mass HIway

#### Pricing:

Topaz SignatureGem LCD Signature Capture Pad, Model: T-LBK462-BSB-R \$385.00

#### **Please Note**

Copies of each form above are available upon request. At this time, Partners eCare cannot commit to importing custom forms. Please be sure the available forms meet your needs before making any hardware purchases.

#### **Installation and Test:**

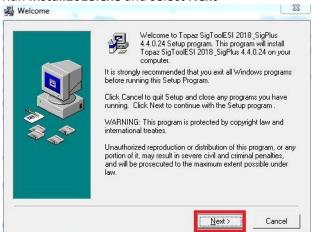
FTDI Virtual COM Port (VCP) drivers Required for BSB type pads

You can get the driver here:

http://healthcare.partners.org/pcpovendors/eSigDriver.zip



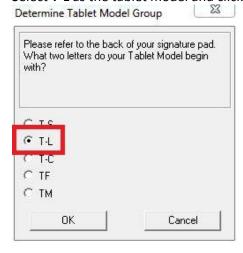
- 1. Unzip the eSigDriver.zip file
- 2. Run Install2018.exe and select Next



3. Select Next to accept default destination folder

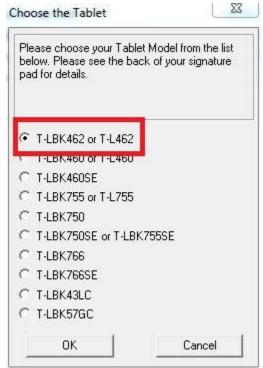


4. Select **T-L** as the tablet model and click **OK**.

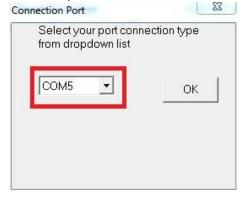




5. Select **T-LBK462** as the model and click **OK.** 



6. From the pull-down menu select COM5 and click OK.

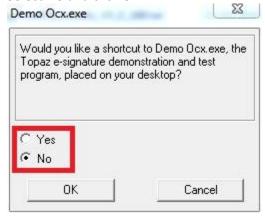


7. Click Agree to accept License Agreement

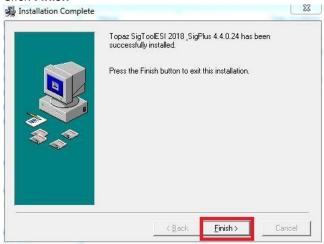




8. Select No and click OK.

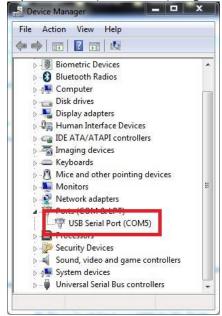


9. Click Finish



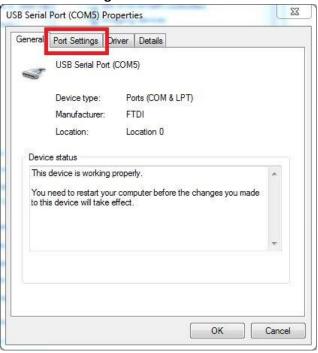
10. Once installed, go to the Device Manager.



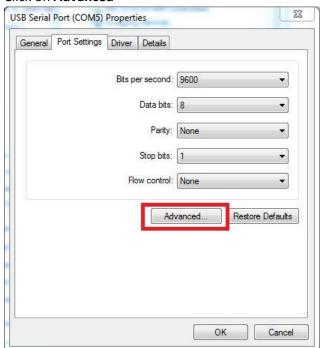




#### 12. Select Port Settings tab

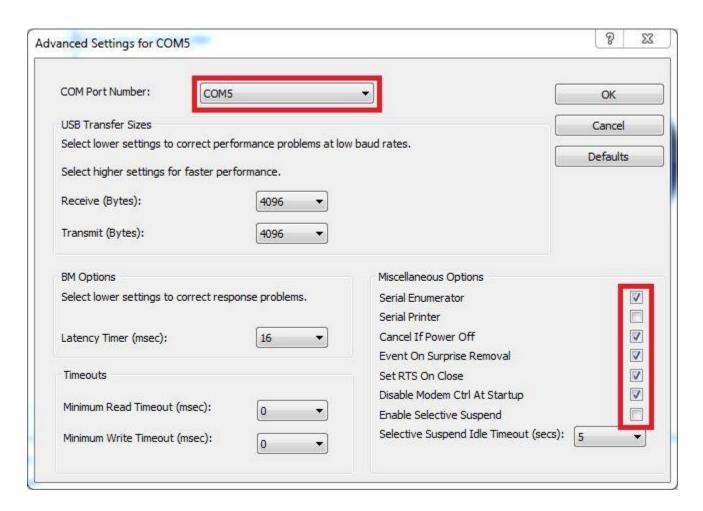


#### 13. Click on Advanced





14. Ensure that COM5 is selected and checkmarks placed in the right boxes.



## **EPIC Test**

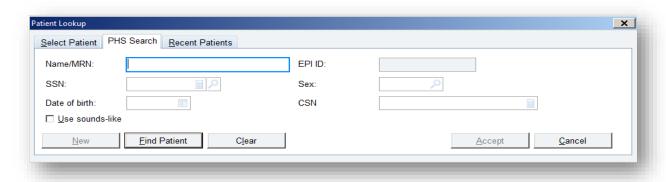
#### **Test**

1. Click the EPIC Button (Top Left, Select the Scheduling menu, and click Appts.

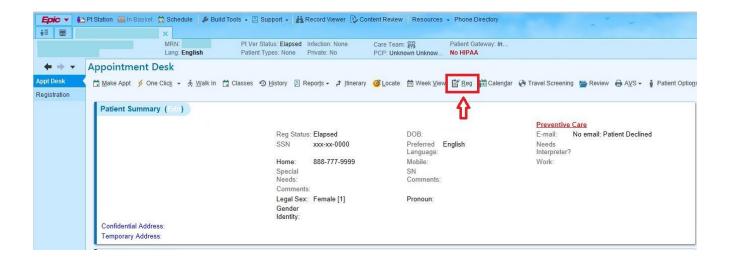




✓ Patient Lookup window appears:

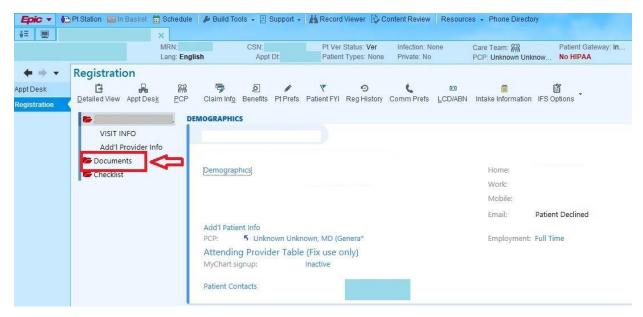


- 2. Type [Patient MRN] in Name/MRN Field. Click Accept to open the patient.
  - ✓ The Appointment Desk opens.
  - ✓ Click on Reg to open Registration page

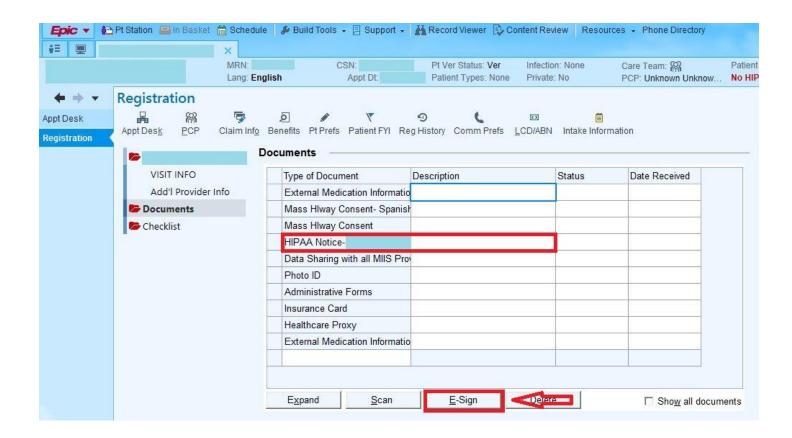




3. On the Registration page click on **Documents** 

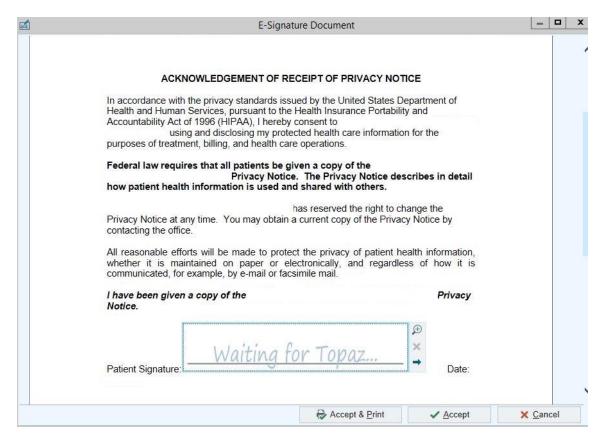


4. Click on the HIPAA Notice field and select E-Sign on the bottom.





5. Use the Signature Pad to sign and look for input on the page.





#### **Document Scanner**

Document Scanners are a great way to eliminate paper filing by scanning and keeping Electronic copies of documentation. The electronic filing will allow for quicker turnaround time when searching for documentation such as prescriptions, letters, etc.

#### Compatibility:

All scanners must be TWAIN driver compatible

Examples of compatible scanners:

- Fujitsu fi-6130 Sheet-Fed Scanner
- Fujitsu fi-6230 Flatbed Scanner
- Fujitsu fi-6240 High Performance Color Duplex Scanner
- Fujitsu fi-6770A Duplex ADF Scanner
- Fujitsu fi-7160 Sheet-Fed Scanner



Price for document scanners is available upon Request.

#### Installation:

Insert provided CD into Disk drive and run Twain installation software.

You can also download TWAIN Software from: (provided link only for Fujitsu fi-series)

http://www.fujitsu.com/us/support/products/computing/peripheral/scanners/support/paperstream-ip-software/

NOTE: IF ISIS DRIVER IS INSTALLED SCANNER WILL NOT BE RECOGNIZED IN EPIC.





## **Insurance Card Scanners**

Insurance card scanners have not been thoroughly tested by Partners eCare, but there has been some initial success in the community with any TWAIN driver compatible scanner such as:

Ambir DS687-AS 48bit CIS Duplex 600 dpi A6 ID Card Scanner

#### **Pricing:**

Price on link is specific to site and may vary by model.

# Magtek - Imagesafe Check Scanners

ImageSafe Scanner enables the user of a vendor hosted Trustcommerce payment system to scan Checks into Trustcommerce for depositing. This facilitates the payment process and reduces potential errors from occurring by eliminating the need to keep tangible items.

LED indicator

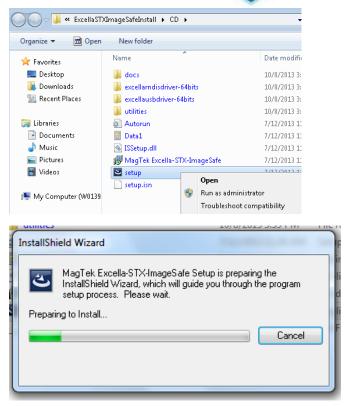
#### Pricing:

Available upon Request

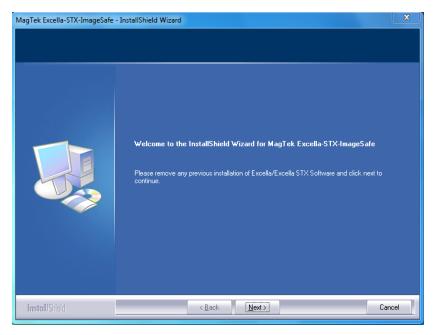
#### Installation

- 1. Go to folder https://www.magtek.com/support/imagesafe?tab=software Click on download and Unzip, once unzipped open folder and follow steps.
- 2. Right-click on the file "setup.exe" and select "run as administrator"



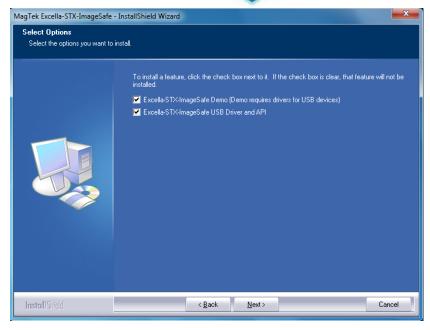


3. Click "Next" to proceed with Installation

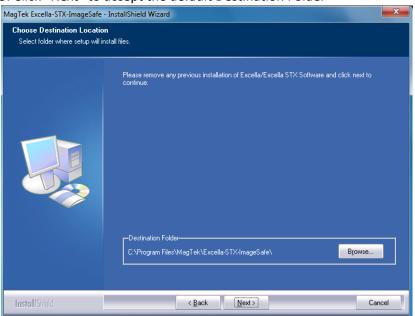


4. Click "Next" to accept all the checked defaults



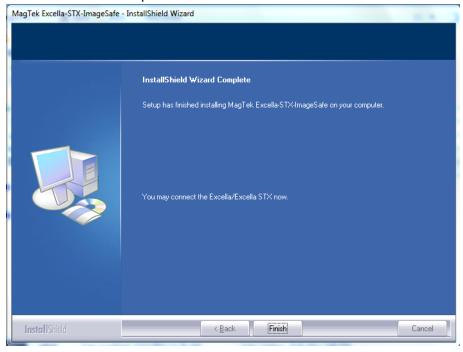


5. Click "Next" to accept the default Destination Folder

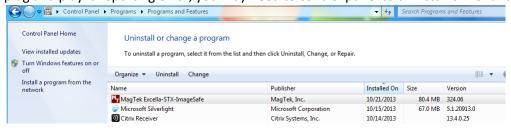




6. Click "Finish" to complete the installation.



7. Now you may connect the ImageSafe scanner power connection and USB connection to the workstation. If windows plug and play is reporting error, you may need to control panel to uninstall driver and re-attempt installation from step 1



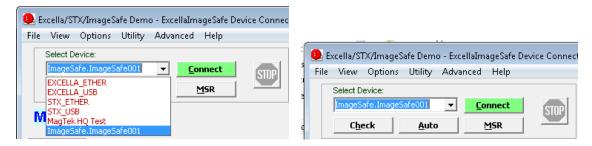
#### Validation

There are two ways to confirm the scanner is functional. The best way is to have the end user log in to Trustcommerce to try check scanning with the vendor web site. Otherwise, you may try running the Demo program below

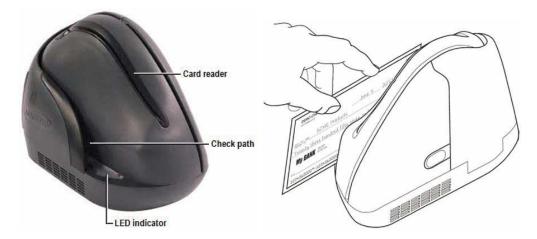




Within the Demo utility, select from the Device drop down "ImageSafe.ImageSafe001" and click on "Connect"

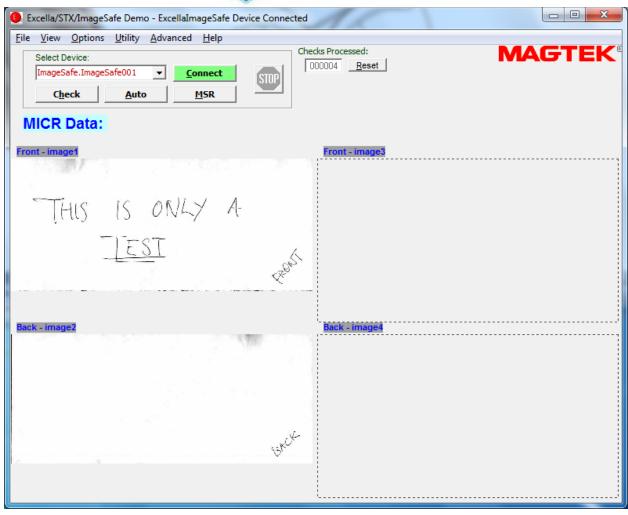


Place a Check-size piece of paper into the scanner's Check path as shown below and click on the Check button

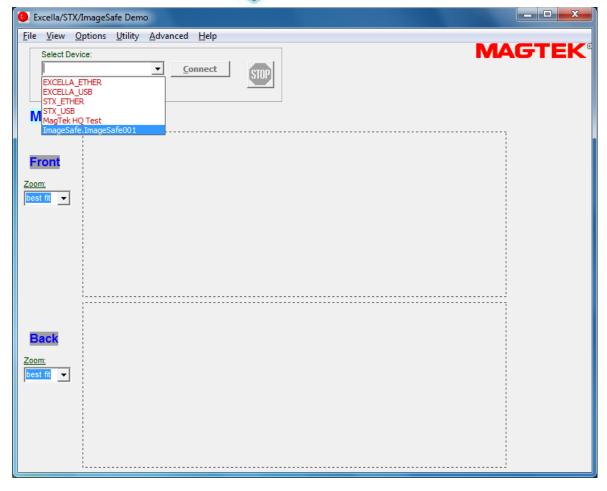


Review the Demo Utility's image view panes to confirm ImageSafe scanner is capturing as illustrated below.









# Dragon 360 Dictation Software

Physicians use Dragon Medical Network Edition to dictate progress notes, HPI, and assessment and plan directly into EHR software. They also use it to save themselves at least 20 minutes of documentation time each day. Physicians can dictate, edit, and voice-navigate while running an EHR in any virtualized environment. Dragon Medical Network Edition supports custom vocabularies and delivers continuous learning and profile adaptation.

#### Requirements:

CPU: 2.4 GHz Intel Dual Core or equivalent AMD processor. (IMPORTANT: SSE2 instruction

set required)

Free hard disk space: 5 GB

Internet Browser: Microsoft Internet Explorer

Microphone: SpeechMike II and III as well as other USB microphones.



#### Operating system:

Microsoft® Windows® 10

Microsoft® Windows® 8.1 32 bit and 64 bit

Microsoft® Windows® 8 (including Professional and Enterprise), 32 bit and 64 bit

Microsoft® Windows® 7, 32-bit and 64-bit

Microsoft® Windows XP® Service Pack 3, 32-bit only\*

Processor Cache: 2 MB

RAM: 4 GB for Microsoft® Windows® 7, 32-bit and 64-bit, Microsoft® Windows® 8, 32-bit and 64-

Bit and Microsoft® Windows® 10

Sound Card: Creative® Labs Sound Blaster® 16 or equivalent sound card supporting 16-bit

recording.

Note: Dragon 360 WILL NOT work on Mac computers.

#### Installation:

Download the plugins from <a href="http://healthcare.partners.org/dragon/dragon.htm">http://healthcare.partners.org/dragon/dragon.htm</a>.

- 1. On the computer you wish to use Dragon Remote, install the Citrix Audio Plug in vddnspatch2.exe
- 2. Install the PowerMic II Extensions *PowerMic Citrix Extension Client.msi*
- 3. From Internet Explorer, launch and log into <a href="http://myapps.partners.org">http://myapps.partners.org</a>
- 4. Locate the icon labeled EPIC Hyperspace with Dragon and click it.



NOTE: PLEASE BE SURE TO LOG OFF YOUR PROFILE BEFORE SHUTTING DOWN PC OR LOGGING INTO ANOTHER COMPUTER. NOT DOING SO WILL CORRUPT YOUR PROFILE, KEEPING YOU FROM LOGGING IN AND MAY RESULT TO LOSING YOUR CURRENT PROFILE WITH PERSONALIZED VOCABULARY LIBRARY.

#### **Troubleshooting:**

The first step is to determine if have you met all the prerequisite to use the Dragon remote client.

- Microsoft Windows 7, 8 or 10
- Nuance PowerMic II or PowerMic III or other USB microphones
- User must have completed a Dragon training class and have access to Dragon
- User must have access to the EPIC Production environment (Remote client will only work with EPIC)
- A connection to the internet



Download Plug-ins from http://healthcare.partners.org/dragon/dragon.htm

#### If the you receive the error message



Ensure the Nuance Power MIC II is installed on the Computer. Is so confirm the operating system can see the Nuance Power MIC II and has installed the drivers.

To test right click on the speaker icon in the lower right corner and choose recording devices.



If the MIC is not being seen by the operating system. Please remove it from its usb port and try a different port on the laptop\pc.

If it is plugged into a usb hub, remove it and plug it directly into a port on the computer.

We also see this error message if the Citrix client was installed\updated after the remote Dragon plugins were installed. Can you go to Programs and Features located in the Control Panel and uninstall the-





#### **Profile Corruption:**



Profile corruption occurs when the user forgets to log off before shutting down or logging into second PC without logging off PC 1.

#### **Errors might look like:**

- "Roaming user profile error"
- "The user Profile is locked....."
- "The speech engine returned the following error: Invalid Topic"
- "The speech engine returned the following error: Unexpected"
- "The speech engine returned the following error: NotAFile"
- "The speech engine returned the following error: MissingVocFile"
- "An internal recognizer error has occurred..."
- "COM returned an unexpected error code: Details are DGNERR\_TOPICNOTOPEN"
- "Unable to open topic. Internal error. See Dragon log for details"
- "SDAPI Error"
- "Signal Processing Error"
- "The vocabulary you have chosen...is incompatible or invalid"
- "E FAIL"
- "E UNEXPECTED"
- "An error occurred while saving or copying user files. The files "C:\Documents and Settings\All Users\Application Data\Nuance\NaturallySpeakingXX\Users\User name\current\aco.ini" could not be copied to "C:\Documents and Settings\All Users\Application Data\Nuance\NaturallySpeakingXX\Users\User name\tb\aco.ini"

#### If any of the above errors:

- 1. Restart PC and restart Dragon. (if corrected do no proceed to following steps).
- 2. Launch Dragon Medical 360 Application. DO NOT LOG IN
- 3. Type in Username if does not automatically populated
- 4. Click Options
- 5. Click on Delete my local profile only checkbox. Click ok

Restart Dragon try logging on. If working correctly, problem solved. If still getting errors, contact Help Desk for Dragon back up profile.

# Secure Button – Warp Drive

The **Secure Button** is a function within Epic that allows a user to lock Epic without closing it. This means another user can quickly log into Epic on the same computer without having to relaunch it.

**Warp Drive** is installed so an Epic session can be maintained via Citrix. Without Warp Drive each user would have to log into Citrix and launch Epic from scratch each time they moved to a new computer.



A **Service Account** is a Partners user account which is created for the sole purpose of logging into Warp Drive. This frees the staff from having to log into Citrix with their own username. Each service account is associated with only one workstation name.

A workstation can be identified as a candidate for Warp Drive/Secure Button if it is commonly used by more than one person, or is a workstation that one person frequently switches between. This is ideal for exam rooms and MA areas.

#### How to configure registry file:

- 1. Make a copy of the registry template and rename it to the respective workstation name. This is so it can be easily merged in the future if Warp Drive needs to be reinstalled.
- 2. Right-click and edit the template file in a notepad.
- 3. Edit the line ["WinUser"=] and replace the value "INSERT SERVICE ACCOUNT NAME HERE" with the service account username which has been assigned to the respective Warp Drive workstation.

#### Before:

```
"XMLPort"=""
"WinUser"="INSERT SERVICE ACCOUNT NAME HERE"
"Persistent"="TRUE"
"Debug"=""
```

#### After:

```
"XMLPort"=""
"WinUser"="abc123"
"Persistent"="TRUE"
```

#### Steps for installation:

- 1. Merge the appropriate registry file. Make sure it has been edited to use the correct service account
- 2. Launch installation file and run the "complete" installation
- 3. Launch Warp Drive and confirm a Hyperspace login window comes up

The Warp Drive application file can be launched from a desktop shortcut and/or added to the startup folder.