

Configuring ScanStation computers for the ibml ImageTrac-Lite scanner

This guide describes how to set up a ScanStation computer and create the files that are required to use the ClearCount system with the ibml ImageTrac-Lite scanner.

A. Set up the system

1. Plug an Ethernet cable into an Ethernet port on the ScanServer computer and plug the other end into one of the LAN ports on the back of the network switch.
2. Plug an Ethernet cable into an Ethernet port on the ScanStation computer and plug the other end into one of the LAN ports on the back of the network switch.
3. Plug an Ethernet cable into the Ethernet port on the back of the ImageTrac-Lite scanner and plug the other end into an Ethernet port on the ScanStation computer.

B. Create the Tabulator command file

You need to create a file named *IBMLTabulatorLite.cmd* on the ScanStation computer's desktop that consists of the following two lines of code:

P:

```
StartTabulator --scannerfolder=X --  
scannermodel=ImageTracLite --scannerserial=XXXX
```

The three parameters are:

- `--scannerfolder=X`—tells the Tabulator not to look at the ScanStation computer's hard drive for card images, but rather the subfolders below X:\.
- `--scannermodel=ImageTracLite`—tells the Tabulator the string to store as the scanner model.
- `--scannerserial=XXXX`—tells the Tabulator the string to store as the scanner serial number.

To create the file:

1. Open Notepad and enter the two lines of code above.
2. Replace the X placeholders for the scannerfolder and scannerserial parameters.

- a. Determine the folder path for the card images and enter it for the scannerfolder parameter (for example, --scannerfolder=\IMAGETRAC\CBGBallotImages).
- b. Obtain the scanner serial number from the nameplate on the ImageTrac-Lite scanner and enter it for the scannerserial parameter (for example, --scannerserial=15257).
3. Save the file on the desktop as *IBMLTabulatorLite.cmd* and close it. This file is used to start the Tabulator at the beginning of the ballot-scanning process.



The ScanStation computer and scanner are now linked. The scanner will not work with another ScanStation computer without changing the Tabulator command parameters.

C. Create the DeleteBox file

You need to create a file named *IBMLDeleteBoxLite.cmd* on the ScanStation computer's desktop that consists of the following two lines of code:

P:

```
DeleteBox --scannerfolder=X:\ %*
```

The parameter is:

- --scannerfolder=X—tells the DeleteBox utility not to look at the ScanStation computer's hard drive for card images, but rather the subfolders below X:\.

To create the file:

1. Open Notepad and enter the two lines of code above.
2. Determine the folder path for the card images and enter it for the scannerfolder parameter (for example, --scannerfolder=\IMAGETRAC\CBGBallotImages).
3. Save the file on the desktop as *IBMLDeleteBoxLite.cmd* and close it. This file is used to start the DeleteBox utility.

D. ibml SoftTrac

The ibml SoftTrac software is preinstalled on the ImageTrac internal computer, and does not get installed on the ScanStation computer. The ibml ImageTrac computer deposits all new images onto its own local hard disk in a CBGBallotImages folder, and shares that folder with the rest of the network for read/write access. The ibml SoftTrac software creates a separate subfolder in the CBGBallotImages folder for each batch scanned (in the ClearCount system, a *box* or *target card*).

The ScanStation computer (which has no scanner hardware attached) connects to the shared folder as follows:

```
NET USE X: \IMAGETRAC\CBGBallotImages /USER:Administrator *
```

and prompts for the password of the ScanStation administrator on the ibml ImageTrac computer.

