TabletWorks Release Notes

Release 10.06.0011 March 2008

Contents

General Information

Description

The GTCO CalComp TabletWorks driver is designed to provide a simple way for software developers to communicate with GTCO CalComp digitizers.
Version 10 is a major change to previous GTCO CalComp TabletWorks drivers, and includes an all-new Wintab implementation, as well as the alternate TabletWorks ActiveX control. Both APIs are available after installation. **Supported Devices**

- AccuTab II, AccuTab VI
- CADPro
- DrawingBoard V, DrawingBoard VI
- Roll-Up II, Roll-Up III
- Summagrid VII
- Super L IV, Super L VI
- Older CalComp, GTCO, GTCO CalComp, and SummaGraphics tablets not in this list should work, but have not been tested.

Supported Operating Systems
- Windows Vista
- Windows XP
- Windows 2000
- Citrix and Terminal Services (Server)
    - Windows 2000 Server
    - Windows 2003 Server
- Citrix and Terminal Services (Client)
    - Windows 2003
    - Windows XP
    - Windows 2000
    - Windows NT 4.0, SP6 or greater (serial only)

Known Issues

- The current Wintab implementation supports only Wintab 1.0 calls. For most applications, this is sufficient. If your application requires Wintab 1.1 compatibility, please contact us.
- When a single device is set to be used with both Wintab and TabCon applications, and Wintab Citrix support is enabled, the TabCon-compliant application will not be able to open the device.
- There is a compatibility issue with CS3 Photoshop.
- There is an apparent lag in cursor movement when using a USB-connected digitizer with Citrix.
- Serial tablets using a Serial-to-USB adapter are incompatible with the Wintab^{TM} and/or the TabCon interface.
- Active TabCon devices can be changed on Windows XP or Vista only by users with admin rights.
- Sometimes tablets cannot be removed from the list of tablets by users who do not have admin rights on systems running Windows Vista.
- The log file will not start on Vista unless it is located in the directory that the user has access to.
- WebUpdate may generate an error if Interwrite Workspace version 7.5 or greater is installed. This problem has been fixed in TabletWorks version 10.06.

Installation Information

Installing the TabletWorks Software
1. Uninstall (described below) any previous Wintab (TabletWorks) or Tablet Interface drivers before installing this release.
2. Using the TabletWorks CD, run the *Setup.exe* file to begin the installation process.

Installing the USB Tablet Adapter
The USB Tablet Adapter drivers are not installed during this installation process. They are simply copied to the installation directory, in the **USB Tablet Adapter Driver** subdirectory. By default, this is **C:\Program Files\GTCO CalComp\TabletWorks\Driver**. To manually install the drivers:
1. Install the TabletWorks Software.
2. Turn off your digitizer.
3. Attach your digitizer to the USB Tablet Adapter.
4. Turn on your digitizer.
5. Insert the USB Tablet Adapter into a USB port on your computer.
6. The **Found New Hardware** wizard should pop up.
7. Tell the wizard to search for the drivers in a specific location, and browse to the **Driver** subdirectory of the **Installation** directory.
8. The driver is unsigned. On some versions of Windows, you will need to respond with *Yes* or *Continue Anyway* when you are warned that the software has not passed Windows Logo testing.
9. On some versions of Windows, the Found New Hardware wizard will pop up a second time. Use the same subdirectory as above.

Uninstalling the TabletWorks Software
1. Open the Windows Control Panel (**Start->Settings->Control Panel**).
2. Open **Add/Remove Programs**.
3. Select **TabletWorks** from the list of installed programs.
4. Click the **Remove** button.
5. Click the **Yes** button to confirm that you want to remove the TabletWorks software.
6. Select **Yes/No** to remove all user data including button assignments and mapping.

TabletWorks Release Notes

This section lists corrections and enhancements made to the TabletWorks Software.

Release 10.06.0011 March 2008

- **Enhancements**

    ◦ Accuprobe is now recognized as a transducer (in TabCon) with an ID of 200.
    ◦ Added support for Accuprobe to TabCon.
    ◦ Added the "Pressure Stylus" to the list of Forced Cursors.
    ◦ Added a "Return to Default" option for button assignments.
    ◦ Added a double-click sensitivity adjustment for the Stylus.

- Corrections

    • Fixed the issue where the Super L II was not working properly with the transducers.
    • Fixed the issue where the SmartMenu and TabletWorks were not sending button data.
    • Fixed the issue where the buttons were not working on serially connected Roll-Ups, Roll-Up IIs, and Roll-Up IIIs.
    • Fixed the Citrix Terminal Services issue.
    • Fixed the issue where the digitizer behaves as a mouse when the Wintab TCP Port is enabled, even though it is de-selected in the TabletWorks control panel.
    • Fixed the issue where the buttons assignments were not working in AutoCAD 2007.
    • Fixed the issue where the Super L III and the Smart Menu were not sending digitizer coordinates when they were connected.

- Fixed the issue where the Smart Menu changed coordinate data occasionally.
- Fixed the issue with the programming button assignments for the 4-Button Diamond Cursor.
- Fixed the issue where the serial Tablets were getting disconnected when the system went to Stand by mode.
- Fixed the error that appeared about installing TabletWorks on Windows 98 machine.
- Fixed the issue where USB Tablets didn't show the Firmware Version.
- Fixed the issue with the Page Down button being used as a Button Command.
- Fixed the issue where the mouse stopped moving at the edge of the mapped area.
- Fixed the issue where the Right Button was doing the functions of 2 buttons.
- Fixed the issue where the Summagrid VI would not stay connected if a Roll-Up III was also connected.
- Fixed the issue where the button assignments were not working on the SummaSketch 3.
- Fixed the issue where the 4-Button Diamond Cursor did not assign buttons correctly on the Summagrid IV.
- Fixed the issue on Vista where the TabletWorks icon disappears from the System Tray.

Release 10.05.0005 April 2007

- **Corrections**

  ◦ Fixed a problem with pressure pens not working in Adobe Photoshop.
  ◦ Fixed a problem with the Pressure Threshold not being applied when using the Pressure Stylus as a mouse.
  ◦ Fixed a problem with relative mouse mode not moving the pointer when the cursor is moved very slowly.
  ◦ Fixed a problem with the pointer jumping to the upper-left corner of the screen when a cursor set to relative is fist placed on the tablet.
  ◦ Fixed a problem on 64 bit systems where the Microsoft Tablet Input Subsystem would try controlling the digitizer.
  ◦ Fixed a problem with AccuTab digitizers not using the entire tablet area.

Release 10.04.0002 October 2006

- **Enhancements**

  ◦ Added support for the AccuTab VI, DrawingBoard VI, and Super L VI.

- **Corrections**

  ◦ Fixed a problem on Windows Vista with the Microsoft WISPTIS.exe driver. Windows XP systems will require a Microsoft Hot Fix (KB923966) available soon.

Release 10.03.0004 May 2006

- **Enhancements**

  ◦ The Mapped Area will be *active* as soon as it is selected using the tablet.
  ◦ Added the option to Import and Export button assignments for each cursor type.

- **Corrections**

  ◦ Fixed a spiking problem that occurred when the cursor was taken out of prox and brought back in while a button was pressed.

- Fixed the problem where the Mapped Area not being drawn when its coordinates were entered manually.
- Fixed the problem where button assignments were being lost when a different tab was selected.
- Reduced the frequency of the occurrence of the WTInfo() call failing.

Release 10.02.0003 November 2005

- **Enhancements**

  - Added Digikon and DigiCAD support. (5-btn cursor doesn't display correctly in Control Panel, Wintab will report the 5-Btn cursor as a 4-Btn.)

- **Corrections**

  - Fixed a problem with button commands not working in AutoCAD.
  - Reduced the occurrence of a problem with Wintab reporting the incorrect "Active Cursor." This problem can't be completely solved because of Hardware Limitation/Features. Wintab-compliant applications relying on the reported "Active Cursor" should request the Cursor ID be sent with each Wintab packet to verify the initial "Active Cursor" with the Cursor being reported in the Wintab Packet.
  - Fixed problem with Preferences dialog not being displayed for Citrix and Terminal Services in Windows NT.
  - Fixed Wintab application delay when no device is connected.

Release 10.01.0019 June 2005

- **Enhancements**

  - Added WebUpdate, Release Notes, and TWCTS.exe to the TabletWorks Citrix and Terminal Services installation. TWCTS.exe is a dialog application that allows administrators to change the TCP Port used by TabletWorks in a Citrix or Terminal Services environment.
  - Added support for Windows 98 & Me operating systems.
  - Added support for Citrix and Terminal Services running on Windows 2000 & 2003 Server and Clients running on Windows NT 4.0, SP6 or greater, 2000, or XP operating systems.
  - TabletWorks can now detect when a serial device has been disconnected and update its tablet list in the Control Panel.
  - Wintab now supports Transparent Contexts.
  - Added Enable Mapping option for each cursor.

- **Corrections**

  - Changed TabCon Help string to GTCO CalComp TabletWorks ActiveX Control.
  - Fixed button reporting problem with 4-Btn cursors on older Summa UIOF Tablets.
  - Fixed Wintab so it reports only three buttons on a Stylus.
  - Fixed problem with TabletWorks where it was not cleaning up after client applications that crashed.
  - Fixed Copy Error Problems. We no longer copy files.
  - Buttons are now correctly handled in the situation where a user application wants all button events and doesn't want the Control Panel to generate any macros.
  - Fixed problem where a crash occurred when the Page-Down button was pressed while assigning a macro.

Release 10.00.0018 March, 2005

- **Initial Release**

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