

## Subject: D22/D25 ELO G2 Touch Driver

### Overview

A new driver has been validated and released for the ELO Touch system used in the D22/D25 Touch Display (Resistive Touch). This new version is a Generation 2 (G2) driver with many enhancements and reliability updates from the previously released version.

It is highly recommended that all customers move to this new driver for its enhanced functions, bug fixes and reliability improvements. All new base images released by FTXS Platform Software will include this new version driver.

This new driver has been validated and released for both TeamPoS 2000 and TeamPoS 3000 based systems with the D22 and D25 Resistive Touch Monitor. It is also in validation within the U-Scan application and will be incorporated into the U-Scan application (for Attendant Stations) once completed.

The new driver is available on the Support Web page and FTP site as a .zip file that contains all required files. Within the driver package is an install shell that correctly installs and configures the driver for FTXS requirements. While the driver itself is the same, this installer is customized and not available from the ELO Web site. This installation 'shell' performs a Silent installation, sets the correct parameters for FTXS, and calls the calibration routine upon completion. For this reason, only the driver package from FTXS should be used until the installer issues are resolved in the next release of the driver from ELO.

Also reference PSB-08-033 for a modification to the Touch Controller board within the D22/D25 (Resistive Touch Only). If a customer is having or has had Touch lockup issues, both updates need to be considered/verified.

### Installation

For installed systems or systems with the previous driver version already installed, below are the basic instructions for upgrading to the new G2 driver.

1. Download and copy the zip file into a **Temp** folder on the hard disk drive.
2. Extract all files from the zip file into the same folder.
3. Uninstall the previous version of the ELO Driver.
  - a. Go to the Control Panel and select "**Add and Remove Programs**".
  - b. Find the ELO Universal Driver and click "**Remove**".
  - c. When it ask if you are sure you want to remove the driver and all of its components, click "**Yes**".
  - d. Click "**Finish**" to exit uninstall.
4. Restart the system.
5. Install the new G2 driver.
  - a. In the Temp folder that contains the ELO driver double click on the '**\_EloSetup.BAT**' file.
  - b. The .BAT file will take about a minute to complete. Wait until the calibration screen appears.
  - c. Physically touch the screen where the targets appear to complete the calibration.
  - d. Once calibration is complete the touch driver is installed in the Program files under EloTouchSystems.

INQUIRIES TO:		DATE
Fujitsu Transaction Solutions Inc.		
Exchange: Sustaining Engineering	Sustaining Engineering	
Mail: Fujitsu USA04, Sustaining Engineering		
FAX: 858-731-4781 (7888-4781)	Product Manager	
Internet: <a href="mailto:SustainingEngineering@us.fujitsu.com">SustainingEngineering@us.fujitsu.com</a>		
FTP: <a href="ftp://ftp.ftxs.fujitsu.com/">ftp://ftp.ftxs.fujitsu.com/</a>	Author	
Original signature copies maintained by Sustaining Engineering.		

	Fujitsu Transaction Solutions	<b>PRODUCT SUPPORT BULLETIN</b>	PSB-08-071
	Sustaining Engineering		OHIR375
	San Diego, CA; Montreal, QC		December 15, 2008

## Changes from Previous Versions

Below are the major changes included in this G2 release since the last formally released version (v4.3).

### Enhancements:

- The XP Universal driver package is has been localized to support the English, French, German, Spanish, Italian, Japanese, Simplified Chinese and Traditional Chinese.
- Default calibration configuration values are saved in the ELO software registry key or in a file that can be modified to support user specific calibration values.
- The transparency of the right click on hold timeout icon is configured by a registry value entry.
- The initial delay before the right click on hold time out icon appears is configured by a registry value entry.
- If the system does not have a keyboard and mouse connected to it, the disable touch feature cannot be used from the task bar or control panel.
- Added 25 point calibration (Enhanced calibration mode) capability to achieve greater than 1% linearity.
- Untouch time out is now user configured in the ELO Control Panel, delay setting from 0 to 1200 seconds, default is 10 seconds.
- Hibernate/Stand By/Sleep supported in Windows Vista.
- Report correct Controller/Touch Screen status in the ELO Properties page.
- Default installation language (both silent and non-silent) is the current OS language, otherwise English will be used.

### Bugs fixed:

- Intermittent loss of touch and activation of and the "Disable Touch" feature in the Elo control panel.
- Windows Server 2003 would hang during the boot process because the ELO Service Application failed to load.
- The EloGetTouch API function would not return touch data within a "no touch" rectangle. It now returns touch data irrespective of the touch rectangles defined on the screen.
- The EloGetTouch API function reports incorrect coordinates in 'Drag' mode.
- The tool tray menu sometimes hides the taskbar. It now appears above the taskbar and is larger to permit easier option selection.
- The touch mode sometimes changes to Mouse emulation mode after the video alignment application exited with a timeout.
- Bug fix in EloSystemService to avoid a crash.
- Removed the USB co-installers from the install package.
- On Windows Vista, the USB cable disconnect/reconnect dialogs are removed as the PlugNPlay install is made to work correctly.
- Right Click On Hold ( RCOH ) graphic improved for better visibility with various background colors.
- An ELOVa bug fix affecting calibration of rotated screens.