

Striped Horse v2.09 Release Notes

Problem Procedure

When testing, ensure that debug logging is enabled by running the following command:

- `cupsetl --debug-logging`

When there is a problem, for Ubuntu systems, please provide the following log files:

- `/var/log/cups/error_log`
- `/var/log/lpr.log`
- `/var/log/messages`

When there is a problem for Fedora-based systems, please run the following command and supply `log.txt`:

```
journalctl _SYSTEMD_UNIT=cups.service > log.txt
```

If there is a document that cannot print, please provide the source document, and the options used to print the document.

Fixes from v2.08

TTEC Issue	TAP Issue	Description
N/A	N/A	Added B-FV4 model to release packages

Dependencies

Dependency name	Packages	Version	Remarks
cups	deb, rpm	1.3.7	CUPS is a necessary dependency because the PPDs contain CUPS-specific extensions and will not work correctly otherwise. Even though the support is from CUPS 1.4 and above, setting a dependency on CUPS 1.3.7 allows the driver to be installed on much older systems with little compromise.
libc6	deb	2.3	The standard C runtime library is required for the all executables to run. The 2.3 version is compatible with systems dating as far back as 2005 (we are not using any behaviour specific to later versions of the GNU C runtime library).
glibc	rpm	2.3	
libusb-0.1-4	deb	0.1.5	This library is needed for custom USB communication. The default USB communication built into CUPS does not work correctly with the DB-EA4D and also has limited support for customising plug-and-play. This library allows us to take full control of plug-and-play as well as I/O.
libusb	rpm	0.1.5	
libxml2	deb, rpm	2.6.25	The internal format used by the PDF to TPCL conversion is XML-based. This library makes XML processing much easier/faster than rolling a native implementation.
libjpeg	deb, rpm	-	Required to read JPEG images from PDF documents. PNG, TIFF and CCITT data is supported natively without dependencies. Even if the full PDF to TPCL conversion is not required, this is still a dependency of CUPS anyway.

What is included in .deb / .rpm / .pkg

- PPDs for the following models:
 - TEC BA-400T-G
 - TEC BA-400T-T
 - TEC B-EX4T1-G
 - TEC B-EX4T1-T
 - TEC B-EX4T2-G
 - TEC B-EX4T2-T
 - TEC B-EX4T2-H
 - TEC B-EX6T1-G

- TEC B-EX6T1-T
- TEC B-EX6T3-G
- TEC B-FV4-G
- TEC B-FV4-T
- TEC DB-EA4D
- CUPS filter for conversion from raster to TPCL and DB-EA4D
- CUPS usb-quirks file to instruct CUPS not to automatically add queues for detected USB printers
- Configuration file for `udev` to support auto-detection (.deb / .rpm only)
- `queuemanager` which is invoked by the `udev` rules when a TOSHIBA TEC barcode printer is added or removed (.deb / .rpm only)
- Copyright information (.deb / .rpm only)

What has been tested

Models tested

- TEC B-EX4T1 203dpi model
- TEC B-FV4D 203dpi model
- TEC BA-400T-T 300dpi model
- TEC DB-EA4D 203dpi model

Media sizes tested

- 101.6mm x 152.4mm (portrait)
- 100.0mm x 43.0mm (landscape)
- 100.0mm x 200.0mm (portrait)
- 59.0mm x 101.6mm (portrait)

Platforms and applications

- macOS High Sierra 10.13.4
 - TextEdit
 - Preview
 - PDF via command line `lp` utility
- Ubuntu 12.04 LTS, Debian 9.3
 - LibreOffice
 - gedit
 - Evince
 - PDF via command line `lp` utility
- Fedora 21
 - Tested auto-detection
 - Printed various PDF documents via `lp` command line utility
- Fedora 28
 - Tested auto-detection
- Oracle Linux v5.11
 - Tested auto-detection

Types of documents tested

- Desktop applications for Linux:
 - Evince, Firefox, LibreOffice
- Desktop applications for macOS:
 - Preview, TextEdit
- Command-line printing via `lp` command using PDF input.

Not tested (or not tested fully)

- Features relating to additionally installed modules (strip, cut, etc)

Known limitations

Check the supplied documentation for a list of known limitations.