

CLEAR BALLOT GROUP

ClearAccess 1.0

Approved Parts List



Abstract: This document provides information about equipment approved to run ClearCount software.

ClearAccess Approved Parts List

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1 Abstract

This section defines the purpose of this document. It contains the following sections:

- About this document
- Scope of this document
- Intended audience

1.1 About this document

This Approved Parts List provides information about equipment approved to run ClearAccess™ software.

It corresponds to the VVSG Volume 1, 4.3.1 requirement for the Technical Data Package (TDP). As noted in the VVSG Volume 1, 4.3.1, the TDP must include an approved parts list.

1.2 Scope of this document

This section provides information about components approved to run ClearAccess system for a central count voting system.

1.3 Intended audience

This document is intended for state election officials and their delegate Independent Test Laboratory team, as part of TDP required to certify the ClearAccess central count paper-based system for use in the state.

2 Components of Supported Configurations

Clear Ballot™ supports configurations of the following materials as components of the ClearAccess system.

2.1 Client Machine

2.1.1 Hardware

The ClearAccess station consists of a printer connected to a touch-screen enabled client machine. ClearAccess utilizes both All-in-one and two-in-one devices. All client machines should meet the following minimum specifications:

- Dual Core Processor
- 4+ Gb of RAM
- USB Ports

For computer models that have been tested and are recommended for use as a client, see the Appendix A.

2.1.2 Software

The Client Machine should use Microsoft Windows 8.1 Pro.

2.2 Printer

The ClearAccess system prints full-face ballots using a printer connected to the client machine via USB cable. ClearAccess is approved for use with a Brother HL-L2340DW Duplex Laser Printer.

2.3 Voter Assistive Devices

The ClearAccess uses attached assistive devices to add functionality to the client machine. Specifically, ClearAccess uses the EZ Access Key Pad as an external keypad and an external sip and buff device, the Breeze Sip-and-Puff.

2.4 Uninterruptable Power Supply

To ensure continuous operation in the event of a power interruption, The ClearAccess system should be connected to a Uninterruptable Power Supply (UPS). For ClearAccess, Clear Ballot specifies an APC SMT1500 for each deployed ClearAccess station.

2.5 Additional System Information

2.5.1 System Weight

The individual components of the system do not weigh more than 30 lbs, allowing any election office to move any individual component.

2.5.2 System Deployment Information

The system requires at least 4.5 ft of space by 2.5 feet of space to accommodate the client machine, the printer, and the voter assistive devices. Clear Ballot recommends that the UPS be placed on the floor behind the primary system components.

It is acceptable for the system to be split into two levels, with the client machine on the top level and the printer on the bottom level.

Appendix A

This appendix provides details of tested machines and web browsers.

Client

The following computer models have been successfully tested for use as a client machine for ClearAccess:

- OptiPlex 3030 AIO CTO
 - Intel Core i3-4160 CPU
 - 4.00 GB RAM
- Dell Inspiron I7347-50SLV
 - Intel Core i3-4010U CPU
 - 4.00 GB RAM

Web Browser

The following web browsers have been tested for use with ClearAccess:

- Google Chrome