



**The VotingWorks 1.0 Technical Data Package (TDP) consists of the following documents:**

- VxSuite TDP - v4.2.9.25.pdf
- VxSuite User Manual - v4.2.9.25.pdf

**Conformity Matrix**

- VxSuite v4.0.0 VVSG2 Conformity Matrix.pdf

**Risk Assessment**

- vxsuite-v4-risk-assessment

**Software Docs**

- README-FIPS
- README-vx-iso
- VotingWorksLoggingDocumentation

**Best-Practices**

- Rust
- Typescript

**UAT -Reports**

- vxsuite-v4-pollworker-testing-report.pdf
- vxsuite-v4-uat-report.pdf

**Warranty**

- TRUST\_Services\_Agreement.pdf

**Quality Assurance**

- Bench Handling Test Report – SGS.pdf(Private)
- Electrical Test Report – NTS.pdf(Private)
- High Humidity Test Report – SGS.pdf(Private)
- High Temperature Test Report – SGS.pdf(Private)
- Vibration Test Report – SGS.pdf(Private)
- vxmark\_safety\_test\_20241219.pdf(Private)
  
- Software QA Checklists.pdf

**Production**

- VxAdmin-Production-QA-Checklist.pdf
- VxCentralScan-Production-QA-Checklist.pdf
- VxMark-Production-QA-Checklist.pdf
- VxScan-Production-QA-Checklist.pdf

**Testing External**

- EMC Test Notes 9-10-24
- Eurofins Safety Report - 01 EE 132954\_62368-1.pdf
- Eurofins Safety Report - 132954 Approval Letter for US.pdf
- NOVO Radiated Emissions Testing - Build 0.5.2 - Test Notes 9-10-24.docx.pdf
- REP061410-ENV.pdf
- VWX-001-D010\_4.0 Vibration Test Results-20241008.pdf
- VWX-002-D003\_4.0 Emissions Test Results-20240723.pdf
- VWX-002-D005\_4.0 Safety Test Results-20240724.pdf
- VWX-002-D006\_3.1 Immunity Test Results-20240724.pdf
- VWX-002-D007\_3.1 Conducted Test Results-20240724.pdf
- VWX-002-D008\_3.1 Emissions Test Results-20240802.pdf
- VWX-002-D009\_ESD Test Results-20240802.pdf



### Testing Internal

- benchtop-drop-test-procedure.pdf
- normal-function-test-ballot-example.pdf
- Test Report - VxMark T-Coil Adapter.pdf
- Test Report - VxScan Ballot Box Material Cold Storage.pdf
- Test Report - VxScan Bulk Scan & Warm Operational Conditions.pdf
- Test Report - VxScan Cold Storage.pdf
- Test Report - VxScan Drop Test, Bench Handling.pdf
- Test Report - VxScan Thermals.pdf
- Testing Results - Administrative Functions - MCM-Build-0 Feature Acceptance Criteria\_ May 2024.pdf
- Testing Results - Environmental Resistance - MCM-Build-0 System Acceptance Criteria\_ June 2024.pdf
- Testing Results - Heat Management - MCM-Build-0 System Acceptance Criteria\_ July 2024.pdf
- Testing Results - Paper Path, Ballot - MCM-Build-0 Feature Acceptance Criteria\_ revised May 2024.pdf
- Testing Results - Paper Path, Thermal Printer - MCM-Build-0 Feature Acceptance Criteria\_ revised May 2024.pdf
- Testing Results - Storage, Stacking, & Handling - MCM-Build-0 Feature Acceptance Criteria\_ May 2024.pdf
- VxMark - Internal Testing -- Bench Handling.pdf
- VxMark - Internal Testing -- Environmental.pdf
- VxMark - Internal Testing -- Vibration and Transit.pdf
- VxScan Normal Function Checklist - 20240601 – Initial.pdf
- VxScan Normal Function Checklist - 20240903 - After Bulk Scan, Before Drop Test.pdf
- VxScan Normal Function Checklist - 20240903 - After Drop Test, Before Cold Storage.pdf
- VxScan Normal Function Checklist - 20240909 - After Cold Storage, Before Hot Storage.pdf
- VxScan Normal Function Checklist - 20240917 - After Hot Storage.pdf
- VxScan Paper Path Testing Raw Data - Build 0 Unit 2.pdf
- VxScan Tests of Normal Function.pdf

### Hardware -assets-confidential

#### BOM

##### Box

- VX~00-10000-BOM.pdf

##### mark

- VX~00-30000-BOM.pdf
- VSAP-BOM.pdf (Private)

##### scan

- VX~00~00001\_BOM.pdf

#### Characteristics (Private)

- VSAP\_System\_Hardware\_Characteristics.pdf (Private)

#### COTs-Documentation (Private)

- 9GP1007020.pdf (Private)
- ACS-100.pdf(Private)
- G156HTN02\_0.pdf(Private)
- NLS-EM3085-M.pdf(Private)
- PM1415.pdf(Private)



### Central System

- hp-elitebook-840-14in-g11-datasheet.pdf
- hp-elitebook-840-14in-g11-quick-specs.pdf
- hp-elitebook-840-14in-g11-regulatory-information.pdf
- hp-elitebook-840-14in-g11-service-guide.pdf
- hp-elitebook-840-14in-g11-user-guide.pdf
- hp-laserjet-pro-4001dn-datasheet.pdf
- hp-laserjet-pro-4001dn-user-guide.pdf
- ricoh-fi-760prb-user-guide.pdf
- ricoh-fi-7600-cleaning-guide.pdf
- ricoh-fi-7600-datasheet.pdf
- ricoh-fi-7600-safety-precautions.pdf
- ricoh-fi-7600-user-guide.pdf
- ricoh-fi-819prb-user-guide.pdf
- ricoh-fi-8170-cleaning-guide.pdf
- ricoh-fi-8170-datasheet.pdf
- ricoh-fi-8170-safety-precautions.pdf
- ricoh-fi-8170-user-guide.pdf
- anker-c300x-datasheet.pdf
- monoprice-5438-diagram.pdf
- tripp-lite-u360004slim-datasheet.pdf

### Mark

- apc-BN1500M2-datasheet.pdf
- apc-BN1500M2-user-guide.pdf
- hid-omnikey-R31210375-1-datasheet.pdf
- WAV-NKL001-datasheet.pdf
- WAV-NKL001-user-manual.pdf

### Scan

- aaeon-UPN-ADLN97-A10-0864-datasheet.pdf
- adata-IM2P32A8-datasheet.pdf
- anker-c300x-datasheet.pdf
- coolgear-CG-3510S4-datasheet.pdf
- cui-devices-ac-c13-na-datasheet.pdf
- elo-E976783.pdf
- fujitsu-FTP-62GDSL201-datasheet.pdf
- fujitsu-FTP-68EMCL-datasheet.pdf
- globtek-USBCW1M0USBC2SLEMBK-datasheet.pdf
- hid-omnikey-R31210375-1-datasheet.pdf
- l-com-CAABLK-90RB-05M-datasheet.pdf
- meanwell-LRS-75-12-datasheet.pdf
- meanwell-LRS-150-24-datasheet.pdf
- pdi-ps6-datasheet.pdf
- pui-audio-AS07004PO-R -datasheet.pdf
- qualtek-719W-00\_02 -datasheet.pdf
- tripp-lite-U324-001-APM-datasheet.pdf
- usb-firewire-RR-ADBU-XXGR-datasheet.pdf

### Drawings (Private)

- BALLOT\_BOX.pdf (Private)
- BMD.pdf(Private)



- KEYPAD\_CONTROLLER.pdf(Private)
- STAND.pdf(Private)

**Box**

- VX~00-10000

**Assemblies**

- VX~01-10001.pdf
- VX~01-10002.pdf
- VX~01-10003.pdf
- VX~01-10004.pdf
- VX~01-10005.pdf
- VX~01-10006.pdf
- VX~01-10034.pdf
- VX~01-10035.pdf
- VX~01-10036.pdf
- VX~01-10037.pdf
- VX~01-10048.pdf
- VX~01-10055.pdf
- VX~01-10060.pdf
- VX~01-10061.pdf
- VX~01-10062.pdf
- VX~01-10082.pdf
- VX~01-10083.pdf
- VX~01-10084.pdf
- VX~01-10085.pdf
- VX~01-10115.pdf

**Consumables**

- VX~99-10018.pdf
- VX~99-10019.pdf
- VX~99-10020.pdf
- VX~99-10021.pdf
- VX~99-10022.pdf
- VX~99-10023.pdf
- VX~99-10024.pdf
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- VX~99-10135.pdf
- VX~99-10136.pdf
- VX~99-10138.pdf
- VX~99-10139.pdf
- VX~99-10144.pdf

**Parts**

- VX~02-10007.pdf
- VX~02-10009.pdf
- VX~02-10010.pdf
- VX~02-10013.pdf
- VX~02-10014.pdf
- VX~02-10015.pdf
- VX~02-10016.pdf
- VX~02-10017.pdf
- VX~02-10029.pdf
- VX~02-10030.pdf
- VX~02-10031.pdf
- VX~02-10032.pdf
- VX~02-10038 - REWORK.pdf
- VX~02-10038.pdf
- VX~02-10039.pdf
- VX~02-10040.pdf
- VX~02-10041.pdf
- VX~02-10042.pdf
- VX~02-10044.pdf
- VX~02-10045.pdf



- VX~02-10049.pdf
- VX~02-10050.pdf
- VX~02-10056.pdf
- VX~02-10057.pdf
- VX~02-10064.pdf
- VX~02-10065 REWORK.pdf
- VX~02-10065.pdf
- VX~02-10066.pdf
- VX~02-10067.pdf
- VX~02-10068.pdf
- VX~02-10069.pdf
- VX~02-10070.pdf
- VX~02-10071.pdf
- VX~02-10072 – REWORK.pdf
- VX~02-10072.pdf
- VX~02-10073.pdf
- VX~02-10086.pdf
- VX~02-10087.pdf
- VX~02-10088.pdf
- VX~02-10090 – REWORK.pdf
- VX~02-10090.pdf
- VX~02-10091.pdf
- VX~02-10092.pdf
- VX~02-10093.pdf
- VX~02-10094.pdf
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- VX~02-10116.pdf
- VX~02-10121.pdf
- VX~02-10126.pdf
- VX~02-10127 – REWORK.pdf
- VX~02-10127.pdf
- VX~02-10129.pdf
- VX~02-10137.pdf
- VX~02-10140.pdf
- VX~02-10143.pdf

**Mark**

**Assemblies**

- VX~01-30006.pdf
- VX~01-30016.pdf

**Parts**

- VX~02-30002.pdf



- VX~02-30005.pdf
- VX~02-30006.pdf
- VX~02-30007.pdf
- VX~02-30008.pdf
- VX~02-30009.pdf
- VX~02-30010.pdf
- VX~02-30011.pdf
- VX~02-30012.pdf
- VX~02-30013.pdf

## Scan

### Assemblies

- VX~01-00002.pdf
- VX~01-00003.pdf
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### Parts

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- VX~02-00076.pdf
- VX~02-00077.pdf
- VX~02-00078.pdf
- VX~02-00079.pdf
- VX~02-00080.pdf
- VX~02-00081.pdf
- VX~02-00082.pdf
- VX~02-00083.pdf
- VX~02-00090.pdf
- VX~02-00091.pdf
- VX~02-00092.pdf
- VX~02-00093.pdf

**Workplans**

- VSAP-workplan.pdf(Private)





**Box**

- VWX-001-D015-ScissorLink-AI.pdf
- VWX-001-D016-RearFrame-AI.pdf
- VWX-001-D017-FrontFrame-AI.pdf
- VWX-001-D018-Floor-AI.pdf
- VWX-001-D019-StorageStrap-AI.pdf
- VWX-001-D020-TubeNut-AI.pdf
- VWX-001-D021-E-BallotBin-AI.pdf
- VWX-001-D022-DoorLatch-AI.pdf
- VWX-001-D023-Door-AI.pdf
- VWX-001-D024-TorqueInsert-AI.pdf
- VXBOX-001-D013-Frame-AI.pdf
- VxBox-timeStudy.pdf
- VWX-001-D012-BallotBox-AI.pdf

**Mark**

- bmd-packing-instructions.pdf
- VX~00~30000-workplan.pdf

**Scan**

- VX~00~00001\_workplan.pdf

**Mfr-supplied (Private)**

- 20190823 - TOP\_Housing.pdf(Private)
- Ballot\_Box\_Body.pdf(Private)
- Ballot\_Box\_Cradle.pdf(Private)
- Ballot\_Box\_Door.pdf(Private)
- BALLOT\_BOX\_LATCH.pdf(Private)
- BALLOT\_BOX\_LID.pdf(Private)
- BALLOT\_BOX\_MAGNET\_RETAINER.pdf(Private)
- Bottom\_Housing.pdf(Private)
- BOTTOM\_SCAN\_LENS.pdf(Private)
- Housing\_Knuckle\_Cover.pdf(Private)
- KEYPAD\_ARROW\_BUTTON.pdf(Private)
- KEYPAD\_BOTTOM\_HOUSING.pdf(Private)
- KEYPAD BUMPER.pdf(Private)
- KEYPAD BUMPER\_BRACE.pdf(Private)
- KEYPAD\_CABLE\_TRAY.pdf(Private)
- KEYPAD\_CAPTIVE\_CABLE\_OVERMOLD.pdf(Private)
- KEYPAD\_CENTER\_BUTTON.pdf(Private)
- KEYPAD\_HELP\_BUTTON.pdf(Private)
- KEYPAD\_ROCKER\_BUTTON\_RATE.pdf(Private)
- KEYPAD\_ROCKER\_BUTTON\_VOLUME.pdf(Private)
- Keypad\_Top\_Housing.pdf(Private)
- MONITOR\_BACK\_CASE.pdf(Private)
- MONITOR\_BEZEL.pdf(Private)
- MONITOR\_FRAME.pdf(Private)
- MONITOR\_FRAME\_LEFT.pdf(Private)
- MONITOR\_FRAME\_RIGHT.pdf(Private)
- MONITOR\_HINGE.pdf(Private)
- MONITOR\_HINGE\_BRACKET\_LEFT.pdf(Private)
- MONITOR\_HINGE\_BRACKET\_RIGHT.pdf(Private)



- Monitor\_Knuckle.pdf(Private)
- POLL\_PASS\_INDICATOR\_LIGHTPIPE.pdf(Private)
- PRINTER\_BASE.pdf(Private)
- Printer\_Cover.pdf(Private)
- PRINTER\_COVER\_BUTTON.pdf(Private)
- PRINTER\_COVER\_HINGE\_ARM\_LEFT.pdf(Private)
- PRINTER\_COVER\_HINGE\_ARM\_RIGHT.pdf(Private)
- PRINTER\_COVER\_HINGE\_BARREL.pdf(Private)
- PRINTER\_COVER\_LIGHTPIPE.pdf(Private)
- PRINTER\_COVER\_LIGHTPIPE\_BACKER.pdf(Private)
- PRIVACY\_SHIELD\_CUP.pdf(Private)
- SPEAKER\_CASE.pdf(Private)
- TOP\_HINGE\_BASE\_LEFT.pdf(Private)
- TOP\_HINGE\_BASE\_RIGHT.pdf(Private)
- TOP\_Housing.pdf(Private)