Epub free E voting system specification and design document (PDF)

2 2 system overview 2 15 2 2 1 system description 2 16 2 2 2 system performance 2 17 2 3 system functionality description 2 17 2 4 system hardware specification 2 18 2 4 1 system hardware characteristics 2 18 2 4 2 design and construction 2 19 2 5 software design and specification 2 19 2 5 1 purpose and scope 2 19 2 5 2 applicable documents 2 19 volume i voting system performance standards provides an introduction to the standards it describes the functional and technical requirements for voting systems and provides a summary of the ita s testing process this volume is intended for a general audience including the public the press state and local election officials and electronic voting systems they have not led to the specification of a complete system thus the focus of our work is to express the a legal b functional and c security requirements in a common user requirements specification which will be suitable for providing information system purpose scope this specification design document will detail the design of an electronic voting system for the state of maryland this electronic voting system will enable an eligible voter to vote at any polling site statewide during an election period each state sets its specific standards for voting systems in statute and or administrative rule these can be based on the voluntary standards set by the eac or not the most common issues that voting system standards are likely to address are security functionality privacy usability and accessibility security table 1 federal definitions of voting system 2 table 2 main types of voting systems used for in person voting in federal elections since the early 20th century 5 voting systems standards volumes i and ii are the long awaited update to the federal election commission s fec s 1990 publication the performance and test standards for punchcard marksense and direct recording electronic voting systems the update was executed under contract to the fec by american management systems ams abstract we are in the process of producing a common user requirement specification for electronic voting systems based on a generic voting model that takes into account a the existing european legal framework b organizational details of conventional voting processes c the required security attributes and d opportunities offered and election management guidelines thursday july 13 2023 the election management guidelines emg was created to assist state and local election officials in effectively managing and administering elections these guidelines complement the technical standards for the voluntary voting system guidelines for voting equipment guidelines 2021 the voting system principles 8 high quality design high quality implementation transparent interoperable equivalent and consistent voter access voter privacy marked verified and cast as intended robust safe usable and accessible auditable ballot secrecy access control physical security data protection this paper details the requirements

DESIGN AND IMPLEMENTATION OF A SPECIAL TYPE OF ELECTRONIC VOTING SYSTEMS THE REMOTE ON LINE VOTING SYSTEM SUITABLE FOR UNIVERSITY SETTING WHERE STUDENTS CAN CAST THEIR VOTES ANYTIME ANYWHERE AND USING FIXED AND MOBILE ELECTRONIC DEVICES INCLUDING PERSONAL COMPUTERS PERSONAL DIGITAL ASSISTANTS AND SMART AN CD 978 0 7695 3965 2 INSPEC ACCESSION NUMBER PERSISTENT LINK IEEEXPLORE IEEE ORG SERVLET OPAC PUNUMBER 5437532 MORE PUBLISHER IEEE ELECTRONIC VOTING SYSTEMS ARE A PERFECT EXAMPLE OF SECURITY CRITICAL COMPUTING ONE OF THE CRITICAL AND COMPLEX PARTS OF SUCH SYSTEMS IS THE VOTING PROCESS WHI THE PURPOSE OF THE TGDC IS TO ASSIST THE EAC WITH THE DEVELOPMENT OF THE VOLUNTARY VOTING SYSTEM GUIDELINES VVSG A SERIES OF SPECIFICATIONS AND REQUIREMENTS THAT VOTING SYSTEMS WOULD HAVE TO MEET TO BE CERTIFIED BY THE EAC THE PURPOSE OF THE VOLUNTARY VOTING SYSTEM GUIDELINES IS TO PROVIDE A SET OF SPECIFICATIONS AND REQUIREMENTS AGAINST WHICH VOTING SYSTEMS CAN BE TESTED TO DETERMINE IF THEY PROVIDE ALL THE BASIC FUNCTIONALITY ACCESSIBILITY AND SECURITY CAPABILITIES REQUIRED TO ENSURE THE INTEGRITY NOV 21 2023 SOFTWARE DESIGN DOCUMENT IS A WRITTEN DOCUMENT THAT PROVIDES A DESCRIPTION OF A SOFTWARE PRODUCT IN TERMS OF ARCHITECTURE OF SOFTWARE WITH VARIOUS COMPONENTS WITH SPECIFIED FUNCTIONALITY THE DESIGN SPECIFICATION ADDRESSES DIFFERENT ASPECTS OF THE DESIGN MODEL AND IS COMPLETED AS THE DESIGNER REFINES HIS REPRESENTATION OF THE SOFTWARE REQUIREMENTS ENGINEERING FOR E VOTING SYSTEMS KEVIN DAIMI KATY SNYDER R JAMES PUBLISHED IN SOFTWARE ENGINEERING RESEARCH 2006 COMPUTER SCIENCE TLDR THIS PAPER WILL DEFINE AND DESCRIBE WHAT THE ONLINE VOTING SYSTEM SHOULD DO TO ENSURE A ROBUST ACCURATE SECURE AND QUALITY BASED DESIGN AND IMPLEMENTATION EXPAND EMICH EDU SAVE TO LIBRARY POLITICAL SCIENCE POLITICAL METHODOLOGY VOTING ARTICLE PDF AVAILABLE DESIGN AND IMPLEMENTATION OF SECURE ELECTRONIC VOTING SYSTEM USING FINGERPRINT BIOMETRICS JUNE 2023 JOURNAL OF THIS PAPER PRESENTS AN ANALYSIS OF THE REQUIREMENTS SPECIFICATION IN ELECTRONIC VOTING SYSTEMS IN PARTICULAR IT POSES A SPECIFICATION THAT ASSUMES A PHYSICAL DISTRIBUTED ARCHITECTURE MODEL WITH TWO NETWORKED INTELLIGENT UNITS VOTING TERMINAL AND AUTHORITIES TERMINAL

VOTING SYSTEM STANDARDS EAC *Apr 28 2024*

2 2 SYSTEM OVERVIEW 2 15 2 2 1 SYSTEM DESCRIPTION 2 16 2 2 2 SYSTEM PERFORMANCE 2 17 2 3 SYSTEM FUNCTIONALITY DESCRIPTION 2 17 2 4 SYSTEM HARDWARE SPECIFICATION 2 18 2 4 1 SYSTEM HARDWARE CHARACTERISTICS 2 18 2 4 2 DESIGN AND CONSTRUCTION 2 19 2 5 SOFTWARE DESIGN AND SPECIFICATION 2 19 2 5 1 PURPOSE AND SCOPE 2 19 2 5 2 APPLICABLE DOCUMENTS 2 19

VOTING SYSTEMS PERFORMANCE AND TEST STANDARDS AN OVERVIEW *Mar 27 2024*

VOLUME I VOTING SYSTEM PERFORMANCE STANDARDS PROVIDES AN INTRODUCTION TO THE STANDARDS IT DESCRIBES THE FUNCTIONAL AND TECHNICAL REQUIREMENTS FOR VOTING SYSTEMS AND PROVIDES A SUMMARY OF THE ITA S TESTING PROCESS THIS VOLUME IS INTENDED FOR A GENERAL AUDIENCE INCLUDING THE PUBLIC THE PRESS STATE AND LOCAL ELECTION OFFICIALS AND

FUNCTIONAL REQUIREMENTS FOR A SECURE ELECTRONIC VOTING SYSTEM *Feb 26 2024*

ELECTRONIC VOTING SYSTEMS THEY HAVE NOT LED TO THE SPECIFICATION OF A COMPLETE SYSTEM THUS THE FOCUS OF OUR WORK IS TO EXPRESS THE A LEGAL B FUNCTIONAL AND C SECURITY REQUIREMENTS IN A COMMON USER REQUIREMENTS SPECIFICATION WHICH WILL BE SUITABLE FOR PROVIDING INFORMATION SYSTEM

E VOTING SYSTEM SPECIFICATION AND DESIGN DOCUMENT *Jan 25 2024*

PURPOSE SCOPE THIS SPECIFICATION DESIGN DOCUMENT WILL DETAIL THE DESIGN OF AN ELECTRONIC VOTING SYSTEM FOR THE STATE OF MARYLAND THIS ELECTRONIC VOTING SYSTEM WILL ENABLE AN ELIGIBLE VOTER TO VOTE AT ANY POLLING SITE STATEWIDE DURING AN ELECTION PERIOD

VOTING SYSTEM STANDARDS TESTING AND CERTIFICATION *Dec 24 2023*

EACH STATE SETS ITS SPECIFIC STANDARDS FOR VOTING SYSTEMS IN STATUTE AND OR ADMINISTRATIVE RULE THESE CAN BE BASED ON THE VOLUNTARY STANDARDS SET BY THE EAC OR NOT THE MOST COMMON ISSUES THAT VOTING SYSTEM STANDARDS ARE LIKELY TO

ADDRESS ARE SECURITY FUNCTIONALITY PRIVACY USABILITY AND ACCESSIBILITY SECURITY

FEDERAL STANDARDS AND GUIDELINES FOR VOTING SYSTEMS OVERVIEW Nov 23 2023

TABLE 1 FEDERAL DEFINITIONS OF VOTING SYSTEM 2 TABLE 2 MAIN TYPES OF VOTING SYSTEMS USED FOR IN PERSON VOTING IN FEDERAL ELECTIONS SINCE THE EARLY 20TH CENTURY 5

VOTING SYSTEM STANDARDS Oct 22 2023

VOTING SYSTEMS STANDARDS VOLUMES I AND II ARE THE LONG AWAITED UPDATE TO THE FEDERAL ELECTION COMMISSION S FEC S 1990 PUBLICATION THE PERFORMANCE AND TEST STANDARDS FOR PUNCHCARD MARKSENSE AND DIRECT RECORDING ELECTRONIC VOTING SYSTEMS THE UPDATE WAS EXECUTED UNDER CONTRACT TO THE FEC BY AMERICAN MANAGEMENT SYSTEMS AMS

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ABSTRACT WE ARE IN THE PROCESS OF PRODUCING A COMMON USER REQUIREMENT SPECIFICATION FOR ELECTRONIC VOTING SYSTEMS BASED ON A GENERIC VOTING MODEL THAT TAKES INTO ACCOUNT A THE EXISTING EUROPEAN LEGAL FRAMEWORK B ORGANIZATIONAL DETAILS OF CONVENTIONAL VOTING PROCESSES C THE REQUIRED SECURITY ATTRIBUTES AND D OPPORTUNITIES OFFERED AND

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ELECTION MANAGEMENT GUIDELINES THURSDAY JULY 13 2023 THE ELECTION MANAGEMENT GUIDELINES EMG WAS CREATED TO ASSIST STATE AND LOCAL ELECTION OFFICIALS IN EFFECTIVELY MANAGING AND ADMINISTERING ELECTIONS THESE GUIDELINES COMPLEMENT THE TECHNICAL STANDARDS FOR THE VOLUNTARY VOTING SYSTEM GUIDELINES FOR VOTING EQUIPMENT

VOLUNTARY VOTING SYSTEM GUIDELINES WIKIPEDIA Jul 19 2023

GUIDELINES 2021 THE VOTING SYSTEM PRINCIPLES 8 HIGH QUALITY DESIGN HIGH QUALITY

IMPLEMENTATION TRANSPARENT INTEROPERABLE EQUIVALENT AND CONSISTENT VOTER ACCESS VOTER PRIVACY MARKED VERIFIED AND CAST AS INTENDED ROBUST SAFE USABLE AND ACCESSIBLE AUDITABLE BALLOT SECRECY ACCESS CONTROL PHYSICAL SECURITY DATA PROTECTION

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CHAPTER 2 2 BUILDING THE SYSTEM FOR E VOTING OR E COUNTING Apr 16 2023

THE PURPOSE OF THE TGDC IS TO ASSIST THE EAC WITH THE DEVELOPMENT OF THE VOLUNTARY VOTING SYSTEM GUIDELINES VVSG A SERIES OF SPECIFICATIONS AND REQUIREMENTS THAT VOTING SYSTEMS WOULD HAVE TO MEET TO BE CERTIFIED BY THE EAC

TABLE OF CONTENTS VOLUME I VOTING SYSTEM PERFORMANCE EAC Mar 15 2023

THE PURPOSE OF THE VOLUNTARY VOTING SYSTEM GUIDELINES IS TO PROVIDE A SET OF SPECIFICATIONS AND REQUIREMENTS AGAINST WHICH VOTING SYSTEMS CAN BE TESTED TO DETERMINE IF THEY PROVIDE ALL THE BASIC FUNCTIONALITY ACCESSIBILITY AND SECURITY CAPABILITIES REQUIRED TO ENSURE THE INTEGRITY

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