1. Record Nr. UNINA9910825297803321 Autore Zelik Eugene B Titolo Next generation 9-1-1 [[electronic resource] /] / Eugene B. Zelik, editor New York,: Nova Science Publishers, c2009 Pubbl/distr/stampa **ISBN** 1-61470-377-9 Edizione [1st ed.] Descrizione fisica 1 online resource (131 p.) Disciplina 384.6/4 Soggetti Telephone - United States - Emergency reporting systems - Planning Telephone - Emergency reporting systems - Government policy -**United States** Inglese Lingua di pubblicazione **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Description based upon print version of record. Nota di bibliografia Includes bibliographical references and index. Intro -- NEXT GENERATION 9-1-1 -- NEXT GENERATION 9-1-1 --Nota di contenuto CONTENTS -- PREFACE -- Chapter 1 NEXT GENERATION 9-1-1 (NG9-1-1) SYSTEM INITIATIVE: NG9-1-1 PRELIMINARY TRANSITION PLAN --OVERVIEW -- Potential Deployment Approaches -- Strategies and Options for NG9-1-1 Going forward -- NG9-1-1 Initiative Transition Planning: Nextsteps -- INTRODUCTION - ABOUT THIS REPORT -- NG9-1-1 Project Background -- Purpose and Scope of the Preliminary Transition Plan -- Methodology -- How to Use this Preliminary Transition Plan -- BACKGROUND: FROM 9-1-1 AND E 9-1-1 TO NG 9-1-1 -- Current 9-1-1 System Deficiencies -- NG9-1-1: Where We Are Going... -- Stakeholders that Will Be Key to the NG 9-1-1 Transition --HOW NG9-1-1 COULD BE IMPLEMENTED ACROSS THE NATION: POTENTIAL DEPLOYMENT APPROACHES -- What are the Potential Paths to NG9-1-1 Deployment? -- The Coordinated, Intergovernmental Approach -- What Is this Deployment Approach? -- What Are Some of Assumptions and Key Dependencies of this Approach? -- What Would this Deployment Approach Look Like? -- Which Transition Issues Are Different with this Approach than with Other Approaches? --Independent, Unilateral Approach -- What Is this Deployment Approach? -- What Are Some of Assumptions and Key Dependencies of this Approach? -- What Would this Deployment Approach Look Like? --

Which Transition Issues Are Different with this Approach than with Other Approaches? -- Coordination and Implementation at a National

Level -- Transition Issues Beyond the Deployment Approaches --STRATEGIES AND OPTIONS FOR NG9-1-1 GOING FORWARD -- The Key NG9-1-1 Transition Elements -- Understanding the NG9-1-1 Transition Elements and Options -- STRATEGIC OPTIONS FOR NG9-1-1 FUNDING -- Background -- What Has Been Done? -- What Could Be Done to Address NG9-1-1 Funding?. Ensure NG9-1-1 Upgrades Are Considered a Fiscal Priority for States and Local Jurisdictions and the Federal Government -- Transform Current 9-1-1 Funding Mechanisms to Resolve - -- Ensure 9-1-1 Funds Are Preserved for 9-1-1 and Emergency Communication Systems -- Responsible Why Does It Matter? -- For Additional Information --STRATEGIC OPTIONS FOR NG9-1-1 OPERATIONS -- Background --What Has Been Done? -- What Could Be Done to Address NG9-1-1 Operational Issues? -- Prepare and Train Call Takers to Handle Increased Quantity and Quality of Information Available with a NG9-1-1 Call -- Prepare 9-1-1 Authorities to handle NG9-1-1 System Administration, Including Configuration Management, Database Management, Quality Assurance, and SOPs -- Prepare 9-1-1 Authorities and PSAP Administrators to Handle Contingency Planning and Use of "Virtual PSAPs" -- Why Does It Matter? -- For Additional Information -- STRATEGIC OPTIONS FOR NG9-1-1 STANDARDS AND TECHNOLOGY -- Background -- What Has Been Done? -- What Could Be Done to Address NG9-1-1 Standards and Technology? -- Complete and Accept NG9-1-1 Open Standards and Understand Future Technology Trends to Encourage System Interoperability and Emergency Datasharing -- Establish System Access and Security Controls to Protect and Manage Access to the NG9-1-1 System of Systems -- Determine Responsible Entity and Mechanisms for Location Determination and Acquisition -- Determine Routing and Prioritization Protocols and Business Rules -- Does It Matter? -- For Additional Information -- STRATEGIC OPTIONS FOR NG9-1-1 GOVERNANCE AND POLICY -- Background -- What Has Been Done? -- What Could Be Done to Address NG9-1-1 Governance and PolicyIssues? -- Clarify Jurisdictional Frameworks, Responsibilities, and Coordination Required at All Levels of Government to Enable NG9-1-1. Ensure Continued Access to 9-1-1 System on Current and Future Devices and Services in which Users Reasonably Expect to Access to 9-1-1 -- Why Does It Matter? -- For Additional Information --CONCLUSION -- APPENDIX A: NG9-1-1 TRANSITION ISSUES REPORT --Introduction -- Deployment Framework -- NG9-1-1 Transition Issues -- Issue: Current Funding, Budgeting, and Cost Recovery Policies May Not Be Able to Support the Implementation and Sustainment of NG9-1-1 -- Issue: Security Controls for the NG9-1-1 System and Emergency Data Need to Be Defined and Properly Managed and Maintained --Issue: Responsibility for the Acquisition and Delivery of Location Information and the Mechanism to Obtain and Verify the Location Data Needs to Be Defined -- Issue: With the Increase of Personally Identifiable Information Available with a NG9-1-1 Call, Existing Laws May Not Be Sufficient to Protect the Privacy of a 9-1-1 Caller -- Issue: Routing and Prioritization in the NG9-1-1 Environment Is More Complex with the Ability to Dynamically Route Calls Based on Factors Beyond Location of the Caller -- Issue: Mechanisms Need to Be Developed to Certify and Authenticate Service and Infrastructure Providers to Allow Access to NG9-1-1 -- Issue: NG9-1-1 Allows for a Level of Coordination and Resource Sharingthat Does Not Currently Exist in Today's 9-1-1 Environment -- Issue: Industry May Be Reluctant to Develop and Adopt Open Standards which Could Limit the Availability of Interoperable NG9-1-1 Services and Equipment -- Issue:

Liability Protection or Parity Needs to Be Extended to Protect Stakeholders Involved in NG9-1-1 -- Issue: New Capabilities and Services Enabled by NG9-1-1 Could Impact PSAP Operations and Training for Both PSAP Administrators and Call Takers -- CONCLUSION -- APPENDIX A-DEFINITION OF NG9-1-1 STAKEHOLDERS -- Service and Equipment Providers.

Third-Party Call Center -- 9-1-1 Authority -- Public Safety Answering
Point -- PSAP Call Taker -- Responder Agencies -- Legislative and
Regulatory Bodies -- Federal Government Agencies -- NonGovernmental Organizations -- General Public -- APPENDIX BACRONYM LIST -- APPENDIX B: ACRONYMS -- APPENDIX C: GLOSSARY
-- APPENDIX D: STRATEGIC OPTIONS CATEGORIZED BY STAKEHOLDERS
-- REFERENCES -- Chapter 2 NEXT GENERATION 9-1-1 FREQUENTLY
ASKED QUESTIONS -- TASK 1: SYSTEM DEVELOPMENT -- TASK 2:
PRELIMINARY TRANSITION ANALYSIS -- TASK 3: PROOF-OF-CONCEPT
DEMONSTRATION -- TASK 4: FINAL TRANSITION ANALYSIS -- INDEX -Blank Page.