

1. Record Nr.	UNINA9910219991303321
Titolo	Army biometric applications [[electronic resource]] : identifying and addressing sociocultural concerns // John D. Woodward, Jr. ...[et al.]
Pubbl/distr/stampa	Santa Monica, Calif., : Rand, 2001
ISBN	0-8330-3250-X
Edizione	[1st ed.]
Descrizione fisica	1 online resource (217 p.)
Altri autori (Persone)	WoodwardJohn D., Jr.
Disciplina	355.6/1
Soggetti	Biometric identification - United States
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"Prepared for the United States Army. Approved for public release; distribution unlimited." "Arroyo Center." "MR-1237."
Nota di bibliografia	Includes bibliographical references (p. 173-185).
Nota di contenuto	PREFACE; FIGURES; TABLES; SUMMARY; ACKNOWLEDGMENTS; ACRONYMS; Chapter One INTRODUCTION; BACKGROUND; OBJECTIVES; APPROACH; SCOPE; ORGANIZATION OF THE REPORT; Chapter Two A PRIMER ON BIOMETRIC TECHNOLOGY; A DEFINITION OF BIOMETRICS AND BIOMETRIC AUTHENTICATION; KEY ELEMENTS OF ALL BIOMETRIC SYSTEMS; MAINSTREAM BIOMETRICS AND THEIR APPLICATIONS; SALIENT CHARACTERISTICS OF MAINSTREAM BIOMETRICS; Chapter Three WHAT CONCERNS DO BIOMETRICS RAISE AND HOW DO THEY DIFFER FROM CONCERNS ABOUT OTHER IDENTIFICATION METHODS?; KEY SOCIOCULTURAL CONCERNS; BIOMETRICS RAISE SIMILAR YET DIFFERENT CONCERNS Chapter Four WHAT STEPS CAN THE ARMY TAKE TO ADDRESS THESE CONCERNS?PRIVACY ACT OF 1974: A BASELINE FOR ADDRESSING SOME SOCIOCULTURAL CONCERNS; OTHER MILITARY POLICIES ADDRESS SPECIFIC SOCIOCULTURAL CONCERNS; RESPONDING TO SOCIOCULTURAL CONCERNS WITHIN A BROADER APPROACH IS CRITICAL; Chapter Five WHAT IS THE FEASIBILITY OF A NATIONAL BIOMETRIC CENTER?; BIOMETRIC RDT&E CAPABILITIES; A CENTER FOR BIOMETRIC RDT&E SEEMS FEASIBLE; AN ARMY OR DoD REPOSITORY FOR BIOMETRIC DATA ALSO SEEMS FEASIBLE; A NATIONAL BIOMETRICS DATA REPOSITORY RAISES SERIOUS FEASIBILITY ISSUES

Chapter Six CONCLUSIONS AND RECOMMENDATIONS
CONCLUSIONS; RECOMMENDATIONS; Appendix A BIOMETRICS: A TECHNICAL PRIMER; Appendix B PROGRAM REPORTS; Appendix C LEGAL ASSESSMENT: LEGAL CONCERNS RAISED BY THE U.S. ARMY'S USE OF BIOMETRICS¹; Appendix D BIOMETRIC CONSORTIUM; Appendix E INDIVIDUALS INTERVIEWED; BIBLIOGRAPHY

Sommario/riassunto

Every human possesses virtually infallible forms of identification. Known as biometrics, examples include fingerprints. The US Army has undertaken an assessment of how it can use biometrics to improve security, efficiency and convenience. This report examines the sociocultural concerns that arise.
