The digitized Army of the twenty-first century depends on secure command, control, communications, and computers to ensure dominance on the battlefield. Biometrics has been suggested as a means to enhance this security.

This report documents RAND's findings regarding Army use of biometrics. The concerns raised and corresponding solutions will likely affect almost any organization intending to make use of biometrics and should be of interest to anyone concerned about the functions of these organizations.

Lieutenant General William H. Campbell, Director for Information Systems for Command, Control, Communications, and Computers (DISC4) and the Army's Chief Information Officer, sponsored this work. Phillip Loranger of the Information Assurance Office served as RAND's primary point of contact. The research was conducted in the Force Development and Technology Program of RAND's Arroyo Center, a federally funded research and development center sponsored by the U.S. Army.

As RAND prepared this work for publication, several important developments took place related to biometrics initiatives within the Department of Defense (DoD):

1. The DoD, responding to Public Law 106-2436 signed on July 13, 2000, embarked on a DoD-wide biometrics initiative with the creation of a DoD Biometrics Management Office that includes the Biometrics Fusion Center. The Army was appointed as the executive agent for the DoD Biometrics program. More infor-

mation on DoD biometrics is available at the DoD Biometrics Web site, http://www.c3i.osd.mil/biometrics, or from the DoD Biometrics Management Office, 5109 Leesburg Pike, Suite 918, Falls Church, Virginia, 22041, (703) 681-6446.

2.  Lieutenant General Peter M. Cuviello was appointed on August 1, 2000, to serve as the Director for Information Systems for Command, Control, Communications, and Computers, and is the Army's Chief Information Officer.  General Cuviello succeeded the original research sponsor, General Campbell, who assumed responsibility as the Executive Agent for the DoD Biometrics program.

3.  Mr. Loranger was named the Director of the DoD Biometrics Management Office, as the Army's Biometrics Management Office was renamed with DoD responsibilities, by the Deputy Secretary of Defense in 2000.  Mr. Loranger is the Army's first director for biometrics technology, integration, insertion, and development of the DoD's biometrics initiatives.

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