



MEMORANDUM OF UNDERSTANDING  
BETWEEN  
THE U.S. MILITARY ACADEMY AND THE VICE CHIEF OF STAFF, U.S. ARMY

SUBJECT: Establishment of the Office of Artificial Intelligence Analysis and Evaluation, Department of Geography and Computer Science, United States Military Academy

1. Purpose. The purpose of this Memorandum of Understanding is to establish an Office of Artificial Intelligence Analysis and Evaluation within the Department of Geography and Computer Science of the United States Military Academy (short title: "Office of Artificial Intelligence Analysis and Evaluation, USMA").

2. Problem:

a. As the Army modernizes and enters into an increasingly complex and rapidly developing environment, it is essential that responsive and reliable automated support be available to the Army. The development of automated support, resting in part on the applications of artificial intelligence and related techniques (e.g., image interpretation, natural languages, robotics, intelligent tutoring systems), is essential to the successful planning, support and operation of numerically outnumbered and dispersed forces.

b. As the United States Military Academy continues to emphasize academic excellence, there is a need for its faculty to be recognized for its disciplinary competence as well as its excellence in military performance and teaching. Establishment of the Office of Artificial Intelligence Analysis and Evaluation directly serves this need of the Military Academy, and promises fruitful results for the Army as well.

3. Concept. The concept of operation of this Office will focus on the following objectives:

a. The Office will establish a network of scholars through contract links with leading universities who will serve as consultants for independent review of artificial intelligence techniques and applications developed by the Army or its contractors.

b. The Office will participate in the analysis of Army requirements for artificial intelligence applications and will evaluate, develop, adopt and exploit emerging technology to meet near and long-term Army needs. It will provide scholarly review tempered by military experience.

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c. The Office will review and evaluate industrial and commercial product to ascertain their capabilities for meeting near and medium-term Army needs.

4. Scope. The Office will provide a sound basis for policy and planning for the Army of the future. It will be responsible for:

a. Conducting Army artificial intelligence evaluation and development in conjunction with the academic community.

b. Arranging for peer review of proposed internal research and the external contracts necessary to support such research.

c. Arranging for peer review of evaluations and development both internal to the Army and those resulting from contract.

d. Disseminating information relating to artificial intelligence issues to the Army staff, CAA, ARI, AMC, TRADOC and the HQDA AI Center on issues that may affect their activities and programs.

e. Advising the HQDA AI Center on matters pertaining to artificial intelligence and coordination of research in applicable areas.

f. Providing an environment for active duty Army personnel to expand their base of knowledge in the broad area of artificial intelligence and to contribute to the development of viable and productive systems.

5. Agreements, Support, and Resources Requirements.

a. The Office of the Chief of Staff, Army (OCSA) agrees to:

(1) General. Authorize and resource within the United States Military Academy, the Office of Artificial Intelligence Analysis and Evaluation. The Office will be an integral part of the Academy, but will retain a separate identity. Officers assigned to the Office may, at the discretion of the Superintendent or his representative, carry academic instruction loads, but is expected that at least half of their time will be devoted to Office duties.

(2) Specific.

(a) Provide Program 6 funds for the Office of Artificial Intelligence Analysis and Evaluation, and support USMA requests for other funds as necessary to support Office activities. Such funds may include but are not limited to other programs: OMA, OPA-ADP, and OPA-BCE.

(b) Support a TDA increase consisting of the following:

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1. Three officers, two O3 and one O4, who have graduate degrees in computer science/artificial intelligence. The Officer Evaluation Reports for these officers will be prepared within the Department of Geography and Computer Science.

2. Two warrant officer analyst/programmers, with an operations research master's degree and a background in Army decision systems are required. The Officer Evaluation Reports for these officers will be prepared within the Department of Geography and Computer Science.

3. One enlisted computer operator.

(c) If the augmentation of existing artificial intelligence computer resources is required to support the Office, the OCSA will support USMA's request for OPA funds for the acquisition of additional equipment, and will support P6 funds for its maintenance.

b. The Superintendent of the United States Military Academy agrees to:

(1) Establish an Office of Artificial Intelligence Analysis and Evaluation within the Department of Geography and Computer Science.

(2) Authorize the Office to coordinate directly with and accept taskings from OCSA. The capacity of the Office to accept taskings will be cooperatively decided between the Department of Geography and Computer Science and OCSA, but in cases of disagreement the Superintendent will be the final arbiter.

(3) Establish a separate cost accounting code for the management of Office funds. This implies the designation of a budget officer from among officers assigned to the Office. Contracting activities of the Office may entail designation of a contracting officer's representative from among the officers assigned to the Office as well.

(4) Support the Office by:

(a) Providing reasonable office and laboratory space, equipment, and facilities. Such support will be consistent with USMA's first priority of cadet instruction. Computer resources obtained or employed in behalf of the Office will be administered in accordance with USMA's local directives and regulations.

(b) Appointing a permanent associate professor (PAP) as director of the Office of Artificial Intelligence Analysis and Evaluation.

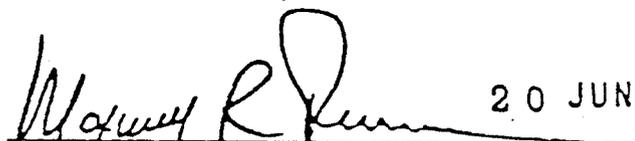
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(c) Filling the active-Army-officer TDA augmentation with officers from the current and future USMA faculty.

6. Effective Date. This Memorandum of Understanding will be effective on the date the last signatory has signed it.

 30 JUN 1985

WILLARD W. SCOTT, JR.  
Lieutenant General, USA  
Superintendent, U.S. Military  
Academy

 20 JUN 1

MAXWELL R. THURMAN  
General, USA  
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