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## OIT ACCOMPLISHMENTS DURING FY86

### Overview

During FY86, OIT continued to provide a broad range of ADP and communications support to all Agency components, to develop plans for the transfer of computer equipment into the new building, and to refine the Agency's long-range plan for using computers. Demand levels for OIT services in virtually all categories increased sharply for the second consecutive year. At the same time, the Office implemented actions to improve overall computer and communications security, increase analytical productivity, and enhance technical and human collection efforts. Highlights of these activities are described below, grouped into five general categories: Support Levels, Counterintelligence, Communications, Data Processing Support, and Planning.

### Support Levels

During FY86, the sharp increase in demand for OIT services in communications and information systems services continued unabated (See Table).



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Counterintelligence

OIT continued to provide significant support to the US Government's counterterrorism effort. Major activities included the creation of the Multilateral Counterterrorism Database Systems Program (MCDS). This system made it possible to consolidate the Decision Support and Information System for Terrorism (DESIST) and the CENTIPEDE System. The consolidation will support both the Agency's newly created Counterterrorism Center (CTC) and the broader needs of the Intelligence Community.

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[Redacted]

The Office also completed the installation of secure and nonsecure voice and data communications and ADP equipment in support of the Counterterrorist Center. Communications

OIT performed a number of measures that will improve communications security. The Office completed the upgrade of cryptographic equipment from KW-7 to KG-84

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[Redacted]

These measures were

made necessary by information developed as a result of the Walker spy case. We

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also completed the installation of KY-71 secure telephones

[Redacted]

The Office

also installed a new secure communications grid for the existing Headquarters Building. We also assumed Communications Security (COMSEC) oversight

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responsibility for over

[Redacted]

contractor facilities, bring the total to

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[ ] During the year, the Office conducted [ ] oversight inspections of these facilities.

The number of cables processed by OIT increased by some 15 percent over last year. In recognition of the steady growth in overall communications activity, the Office continued its efforts to improve communications efficiency during the fiscal year. In Headquarters, the aging unclassified telephone network was replaced with a modern Private Branch Exchange (PBX). In addition, the Headquarters Secure Telephone System (HSTS) was converted to 24-hour operation, thus eliminating the special procedures needed to use these phones during non-working hours. The upgrading of the Crisis Communication Center (CCC) was completed, providing data, audio, and video communications support to more than one crisis situation simultaneously. Outside Headquarters, the Office completed the installation of Intelligent Communication Terminals (ICTs) or Wang Alliance

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Systems

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[ ]

A number of projects were initiated or continued this year that, when completed, will further tighten communications security. For example, secure voice tests were conducted to identify a viable secure voice system for the

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[ ] Installation of two communications switches was begun in the

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existing Headquarters Building to provide secure voice and data communications.

Data Processing Support

The Office undertook several initiatives to improve its responsiveness to user needs during the fiscal year. Chief among these was the establishment of a Customer/Standards Committee to provide OIT customers a forum for direct communications with OIT senior management on ADP issues. The Office Systems Staff was established to provide consulting, development, implementation, and support service for office automation and data processing to customers in the domestic field. We began operation of a consolidated Service Desk to handle terminal and telephone problems. An Agency PC Software Center was established to provide a more efficient and centralized mechanism for software procurement. In addition, we have initiated a centralized registration of Agency PC software and have started providing personal computer consulting and assistance services.

The Office continued to provide broad support to analysts, collectors, administrators, and managers in all Directorates. A number of actions were taken to provide general improvements affecting broad groups of users. For example, the CIA Headquarters message processing systems were reconfigured, thereby relieving a critically overloaded system and substantially improving cable delivery times. Moreover, a contractor began work on the Message Handling Facility system which will bring additional improvements in cable dissemination. The project will result in the replacement of antiquated equipment critical to the distribution of cable traffic in Headquarters. We completed the development of X.25 communications software on the Agency's data communications network, permitting the operation of significantly more terminals with existing hardware. The Office also introduced important security enhancements to our interactive

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and batch systems. We also supported major upgrades of the general services, CAMS, SAFE, DESIST, and DO computing environments. Two additional mainframe computers (IBM 3090s) were installed, increasing our total inventory to 22 mainframes. The principal development in supporting DI analysts occurred with SAFE Delivery 2 in February. The system is available for users 20 hours per day. Delivery 2 also was implemented at the Defense Intelligence Agency. The AIM system was activated in the Northside Computer Center for some  DI users. In addition, all DI users were consolidated in the Northside Computer Center, an action that will assist in the full implementation of the SAFE system. The Office also conducted preliminary planning for the introduction of a CRAY scientific computer which will be used by OSWR analysts.

OIT support for managers using the Corporate Data Program during the year was highlighted by the implementation of a new database management system (the Integrated Database Management System/Relational). Collection support featured the implementation of the new COMIREX Automated Management System (CAMS) software that delivered 13 new capabilities, including support for the use of a major new collection asset. Planning Activities

Planning for the move to the New Building continued during the fiscal year. In particular, we completed the critical design of the New Building shield monitoring system. The Office also undertook a number of measures to enhance planning efforts for the future use of computers in the Agency. An Architecture Working Group was created to set the long-term architectural direction for information technology in the Agency. We also developed, with the Office of Communications, a concept plan for the Agency Network Management System. In addition, OIT developed strategic interface standards for electronic mail and



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word processing.