

In the development of Federal standards, the Center will communicate and work closely with all Federal agencies (and with manufacturers, private industry, and State and local governments when required and advantageous) to assure proper consideration of their needs and views and to obtain their cooperation in the development process.

*D. Research on computer sciences and techniques*

The Center will sponsor, monitor and undertake research and development activities in the computer and information sciences and technologies, including system design, oriented primarily toward Government applications.

The Center will maintain current awareness of on-going basic and applied research and development activities conducted by other agencies, by Federally-sponsored contractors and grantees, and by the private sector of the economy. The Center will also develop means for making such activities known and the results, including appropriate evaluations, available to Federal agencies for their benefit. In carrying out the necessary research and development as required in support of statutory responsibilities for providing scientific and technical advisory services to other agencies and for developing Federal automatic data processing standards and preferred conventions of common practice, the Center will obviously refrain from duplicating or interfering with the research of user agencies. However, the Center will collaborate in the research and development programs of other agencies as appropriate, upon request.

Research activities of the Center will be directed primarily toward areas that give promise of satisfying widespread needs within the Federal Government and that offer prospects for significant improvements over existing capabilities. In particular, research and development activities will be sponsored or undertaken by the Center, as appropriate, for the following purposes:

1. To supplement agency research efforts when necessary to meet Government-wide requirements or to provide solutions to problems of concern to several different agencies.
2. To initiate efforts to solve large-scale and difficult problems sufficiently unique to special needs of Government that outside interests are not likely to undertake vigorous and timely action.
3. To evaluate and apply advanced concepts to the development, organization and implementation of automatic data processing, computer and related systems, including the innovation or extension of techniques needed for improved cost effectiveness in the conduct of agency programs through the use of computers and related techniques.
4. To conduct exploratory research in order to provide the technological bases for future standardization activities and to maintain the competence of the technical staff engaged in technical advisory services, testing and evaluation, and standardization activities.
5. To identify continuing research and development requirements for use by the Center, other agencies, academic and other organizations and industry in planning and coordinating R and D programs in the area of the computer and information sciences and technology.

An annual review of the accomplishments of and programs for research in computer sciences and techniques should be conducted with the Bureau of the Budget, Office of Science and Technology, and other Government agencies engaged in or sponsoring research in computer sciences to assess accomplishments and to provide guidance for programs.

*E. Computing services*

The Center will operate a computer service activity to meet the needs of the National Bureau of Standards and upon request to furnish services including problem diagnosis, systems design, programing and related support activities to Federal agencies on a reimbursable basis.

THE WHITE HOUSE,  
OFFICE OF THE WHITE HOUSE PRESS SECRETARY,  
June 28, 1966.

MEMORANDUM FOR HEADS OF DEPARTMENTS AND AGENCIES

I want the head of every Federal agency to explore and apply all possible means to—

- use the electronic computer to do a better job;
- manage computer activity at the lowest possible cost.