

- production of routine protocol letters,
- monthly schedules of visitors,
- programs for visitors,
- lists of resident Canadians,
- lists of local business and other contacts,
- information on staff quarters including inventories of Crown-supplied furnishings and,
- keeping track of commitments in the hospitality and travel budgets of various sections of a Post.

Security is an important factor at Posts. Many information processing systems emit energy that can be intercepted and interpreted by sensitive detection equipment to reveal the data being entered or printed. This problem can be alleviated through the use of specially manufactured "TEMPEST" compliant equipment, but the design and production of this kind of equipment adds substantially to its cost. Since there will always be the danger of an unclassified system being used for classified work inadvertently the Department might as a matter of policy decide to provide only secure systems to Posts. Costing has been done on this assumption.

As described above, some progress has been made in expanding EDP use at Posts. While systems currently in place or to be installed during the next year have been or are being acquired in response to the needs of a primary "client" - Finance in the case of London, Paris, Bonn and Washington and Immigration in the case of Hong Kong, - the equipment can be used by other programmes at the Posts. To date this capacity has not yet been fully developed, due to lack of systems analysis resources and, in some cases, disinterest on the part of the program personnel at Posts. However, there is now a growing interest in developing additional uses; at London, for example, Post management took the initiative in conducting a comprehensive survey of additional requirements which could be met by the new computer to be installed there in 1985, and the micro-computer recently acquired for Prague will also be used for "non-traditional" processing.

The mandate of the team, which prepared the initial study on the feasibility of the Hong Kong prototype was confined to activities and functions directly related to the delivery of the Immigration and Finance Programs overseas. However, the team concluded that it would not be expensive to upgrade the equipment used for the Immigration program so that it could be made available to support the requirements of other Post programs. What is, however, necessary is that these requirements be identified in detail and systems designed in order to accommodate them on the Post's equipment. No provision has been made for the resources to carry out this task. If the results of the Hong Kong prototype warrant, the Department may proceed with the installation of similar equipment in other Posts over a four-year period. It would therefore make sense to develop the systems to support other programmes. The IRIS system mentioned earlier is well suited to this purpose so it should not be technically difficult to complete this task, if the personnel resources to assist were available.

The development approach for the Financial Management system is to adapt the Paris financial system for use at other FMO Posts and the Hong Kong financial system for use at future "Immigration" Posts. For the remaining Posts, future installations will be determined on the basis of the results of the pilots in Bogota, San Francisco and Singapore.

A standard approach should be developed to support other activities at Posts. IRIS is an extremely versatile system and can be adapted for a wide range of uses. Standardized applications can be developed at Headquarters for use at