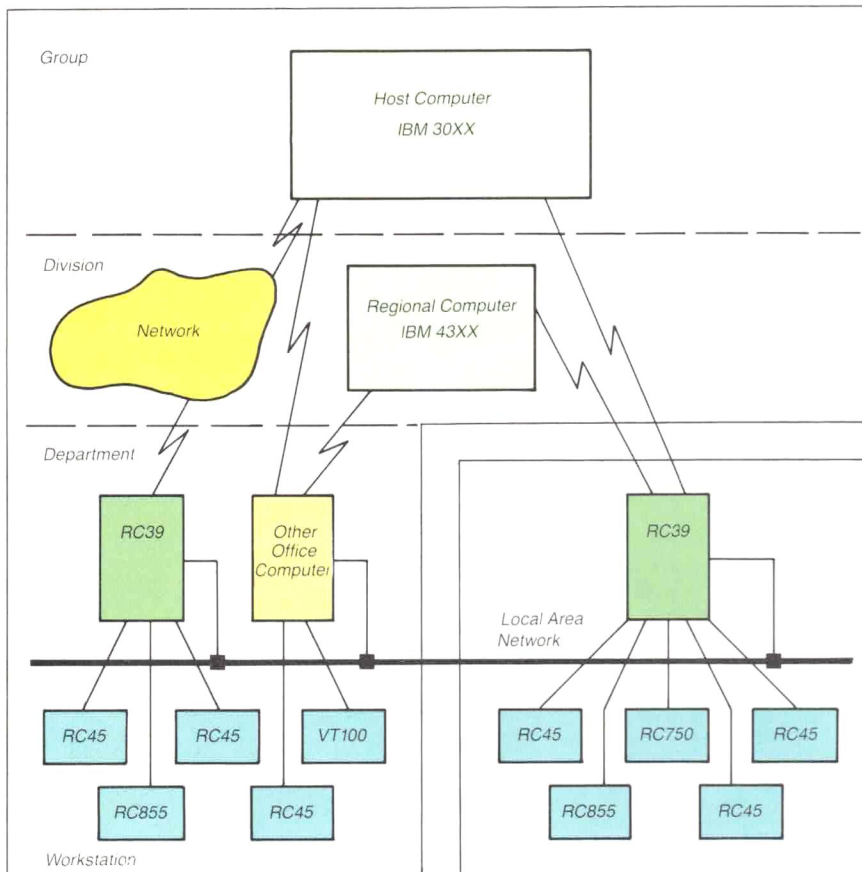


RC39 - Computer Power where it is Needed



RC Computer



RC39 handles all forms of communication and can be placed in a large network or operate independently with a number of workstations attached.

The philosophy on which RC39's system configuration is based is the old dream of a small computer with the power of achieving a minicomputer, the communication facilities of a cluster controller, and at the price of a large microcomputer.

RC39 is designed as an overall concept, where local data processing takes place in an integrated coherent system. A high level of integration between the local data processing jobs has also been ensured.

Another important element of the philosophy behind RC39's design is to offer an attractively priced local network for attachment of terminals and printers placed up to several hundred metres from the computer. The terminal connection forms an integral part of the RC39 system and is thus included in the price for even the cheapest basic model.

As opposed to other products on the market, RC39 is supplied with a complete terminal network, except for the cable.

RC45 and RC855 terminals can be attached without the traditional connection expenses running into thousands of pounds. In addition, older equipment can be reused via V.24 connections.

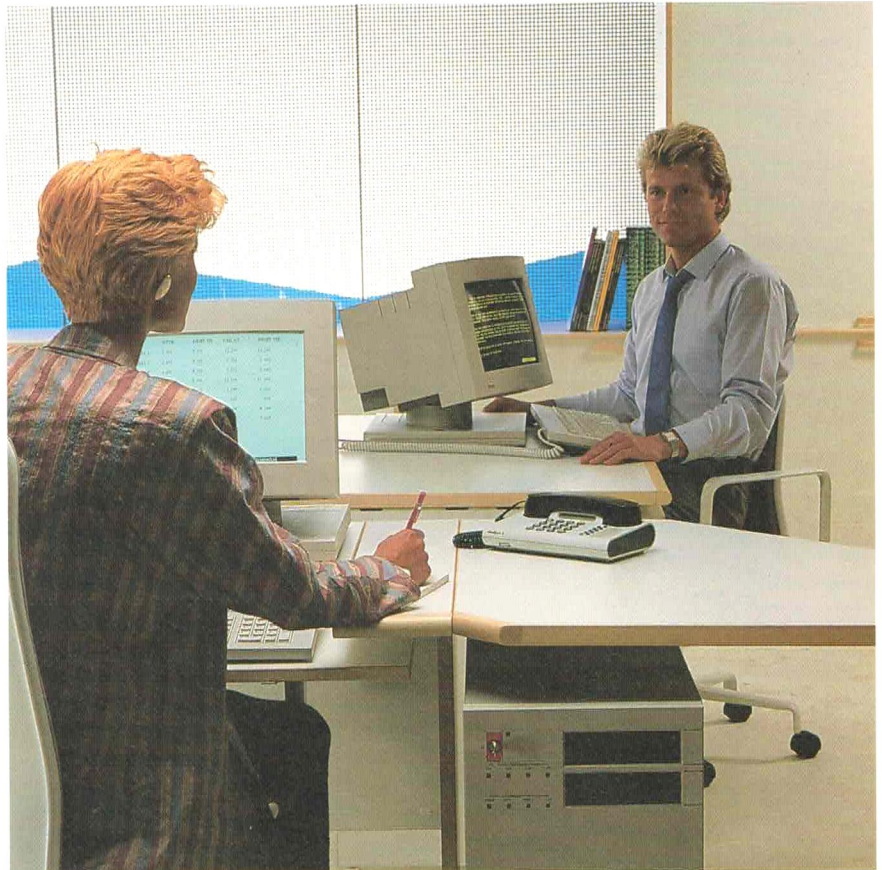
The most important element in the design of RC39 is to meet the demand for a modular system, which is also compatible with other products. It is possible to compose an RC39 system which guarantees optimum use of the majority of applications. RC39's modularity means that no one needs to pay for more than they require. *That* is economy.

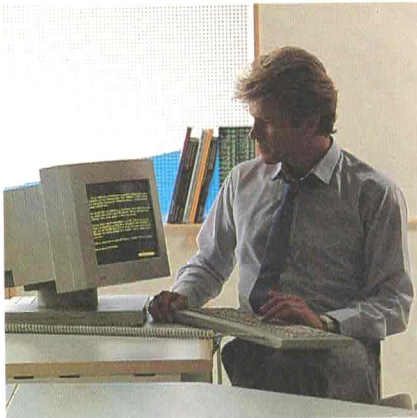
RC39 - Good Economy

RC39 Fits in with the Organizational Structure

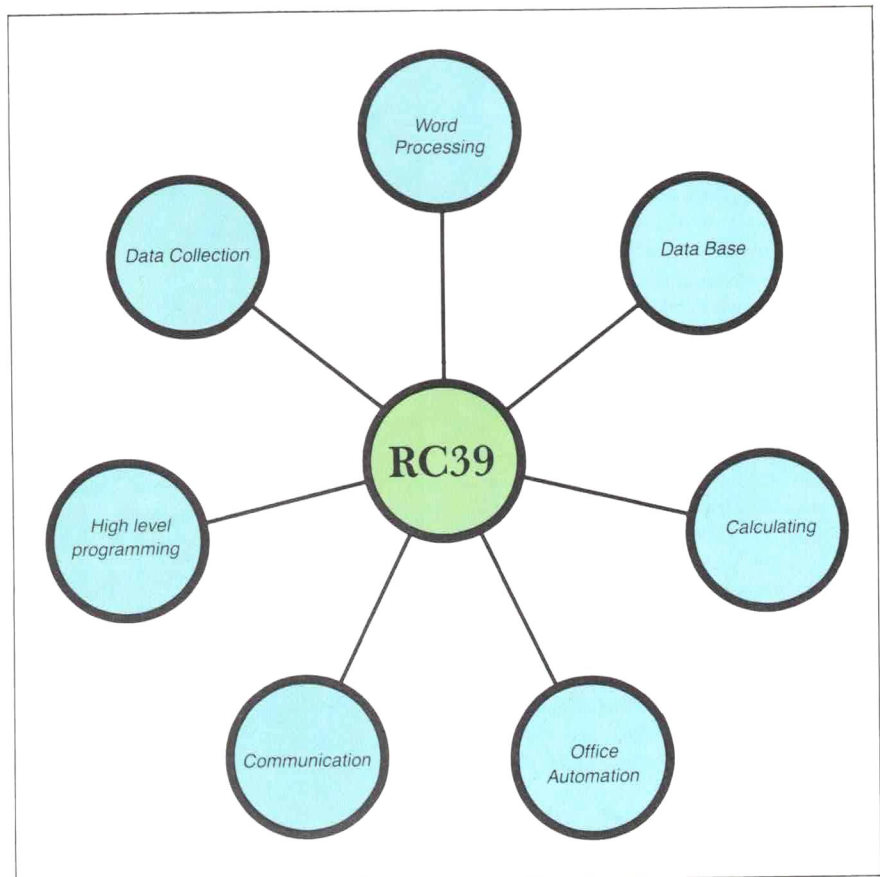
The idea of RC39 is to offer a system which is equally suitable for most organizations. RC39 is designed as an independent computer system for small businesses or as a departmental or branch computer for larger businesses. For many years, it has been desired to adapt the structure of the computer system to the organizational structure. The Principal of this philosophy is to decentralize the computer power and to local common data in a rational way. RC39 offers a ready solution to a decentralized group computer for large organizations.

For the purpose of ensuring reasonable coherence between the groups (departments) and in order to be included in the organization's overall computer system, departmental computers must also be adept in data communication. RC39 is an expert in data communication and in fact has several CPU's for handling this communication.





RC39 offers a world of applications.



Within office work, it is difficult to point to areas for which RC39 is not suited. The cabinet is only 30 cm wide and can stand under a table without being in the way. Apart from the terminal network, the price for RC39 always includes a complete office automation system comprising word processing, a calculating system, data base system, electronic mail, business graphics, calendar management printer control, report writer as well as auxiliary facilities such as a menu system, and access control. Thus, without much investment, it is possible to use RC39 as an office system with local files.

In the instances where the main tasks are performed centrally in larger computers, RC39 can be used as a link from the local terminals to the central computer. In addition, it is still possible to run programs locally, e.g. word processing, budget simulation, local data bases.

Because of the high level of integration between the programs and flexible data base systems, a typical user will quickly be able to compose his own systems, e.g. for handling projects or data accumulation.

By combining data base tools with communication facilities, it is possible to build up hierarchies, where a local application first conducts a search in the local records stored and then continues its search in the central data bases. This is done without the user even noticing. Certainly, this is communication on a high level.

Also the calculating system forms an integral part of the whole. What about simulating next quarter's cash flow by comparing orders on hand and last year's sales figures with budgeted sales and then simulating deviations, after which the quarterly forecast can be prepared direct via the word processing system. RC39 masters it all.

RC39 offers integration in all directions. If the system becomes too small, another system is simply placed beside it and connected via a local area network. This will give the system double capacity, also in relation to the "old" terminals. A total of sixteen RC39's may be combined in this way.

RC39 also allows teletex connection, thus offering the user the possibility of receiving and sending telex and teletex documents from the local workstation.

RC39 is common sense made manifest: It is economical because of its modularity, it minimizes manual work through its integration, and moreover it is perfect for communicating with other systems.

RC39's Versatility





The RC39 concept can be extended according to requirements.

RC39 has a high degree of modularity. Regarding the RC39 software, the modularity is easily seen, but the modularity of the hardware requires some technical insight to be apparent. Below, the functionality and coherence of the RC39 modules with a minimal use of computer jargon.

The Basic System

The basic system of RC39, which is a fully operational office computer licensed for 16 users, comes in 2 versions. The difference between them is the capacity of the main memory and disk storage.

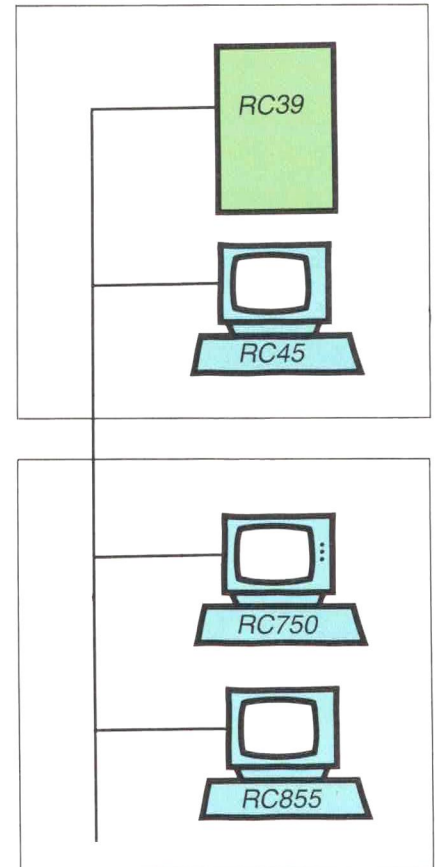
RC39 is based on the Multibus standard. Besides processing storage, the basic system also includes a board for control of the RcCircuit terminal network and V.24 communication, a disk adapter, and a CPU board with a 80286 microprocessor.

The basic system always includes a Winchester disk and a 5 1/4" disk drive with 1.2 Mb capacity.

The Communication Module

RC39 can be provided with a communication module making it possible for the users of the system to use their ordinary RC45 or RC855 terminals for jobs to be performed on the central computer, e.g. IBM 30XX, IBM 43XX or RC8000. Up to 32 terminals can be operated via the communication module. To link RC39 and the central computers, direct V.24 connections, telephone lines or the public data network (X.21) may be used. The communication module supports several ordinary forms of communications, e.g. the IBM standards SNA/SDLC and 3270/BSC.

RC39 - a Modular System



Storage Increase

RC39's basic modules comprise 1 processing storage module and 1 permanent disk. The storage capacity can also be extended to a maximum of 4 modules and 2 permanent disks. Thus, there is ample opportunity for increasing RC39's storage capacity.

Backup Copies

Even the best service cannot prevent data on disk from being lost at some time. The RC39 streamer tape module facilitates the task of making backup copies of data files, large and small.

Several Users

Out of the 32 possible terminal workstations, the RC39 basic system permits up to 16 users to run programs at the same time in the local network. As requirements increase, this figure will may be insufficient. This is solved by

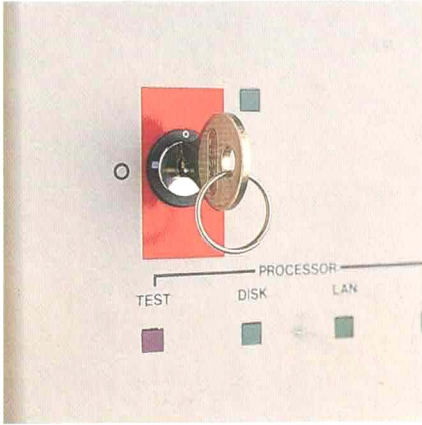
connecting another system via a local area network. The capacity may thus be increased stepwise by 16/32 workstations to a maximum of 512 connected terminals. Because it is so easy to service RC39, such a system increase can take place while the users of the system take a short break.

Other Options

RC Computer is constantly developing new options for RC39. This applies to terminal connections and disk extensions. These options may be combined in numerous ways. As regards software, each month sees the introduction of new communication protocols and user programs.

We are sure to have a financially attractive solutionj to your problems. In addition to this, RC Computer offers excellent customer service and support.

Several terminal types and PC's can be linked to RC39. There are no strings attached.



RC39 is a turnkey system.

RC Computer

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