# RC 7000
# *Vejle*
# *Commercial School*







**SUBJECT**
Education

**USER**
Vejle Commercial School

**APPLICATION**
Datalogy

## PROBLEM

The application of EDP in commercial life is very much on the increase, and it is therefore natural that it is the commercial schools that place great emphasis on training in the use of EDP.

Vejle Commercial School is a modern school with many technical aids. Amongst those aids were also terminals connected to an EDP service facility. It was felt, however, that the solution was inadequate from a teaching point of view. To give the pupils a good insight into what a computer is, the machine was required to be within the four walls of the school - and not just a cable leading out of the school. In connection with an extension of Vejle Commercial School, the desire to obtain a computer of its own was realised. The market was studied and the choice was Regnecentralen's RC 7000.

## REQUIREMENTS

Being a commercial school many demands were made on the computer system. As it was often a question of producing minor administrative systems, the programming language of the system would have to be specially suited to this purpose. Also it had to be a system which was easy to operate, since several of the EDP courses at the commercial school were of short duration. It was therefore essential that as few teaching hours as possible were spent on learning the system.

## SOLUTION

In October 1976 Vejle Commercial School had Regnecentralen's RC 7000 minicomputer installed with a central processor of 32 K words, 4 terminals, card reader and line printer.

During the first year the system was exclusively used for teaching the subject datalogy, but there are plans for extending the use of the system to include other subjects. For example, it would be desirable to make some business models for the pupils to work with. The system is used by pupils who are studying for various commercial degrees and in connection with trade courses and retraining courses. For this the programming language RC COMAL is used. It is very suitable for the solution of administrative problems and at the same time it contains the advantages which are characteristic for the language BASIC.

## RESULT

Accordingly, a system has been obtained which in its flexibility meets ideally the requirements of the commercial school. Teacher H. Søding Poulsen, says: 'The RC 7000 has already shown that it is up to its task and the educational value of having the machine at the school is immeasurable'.

Economically the solution is also satisfactory, as the pupils may use the system without having to consider a 'ceiling' on the running time.

The RC 7000 may be connected to a data network and extended to Regnecentralen's larger systems, RC 6000 and RC 8000 and so, for example, show the pupils administrative systems as they are used in commercial and industrial life.