STANSAAB

Alfaskop 3500 Data Terminal System

Rapidly increasing familiarization with the field of automatic data processing puts new demands on those of us designing the computer products of the future.

In our opinion the data processing field is developing in the right direction. The rapidly increasing number of data terminals at places of work has caused ordinary people to take a different attitude to computer equipment. An efficient means of storing large quantities of data and of quickly finding required items of information and updating them.

Data processing is no longer something restricted solely to specialists. More and more people are coming into daily contact with data terminals. This places new demands on those of us developing the computer products of the future.

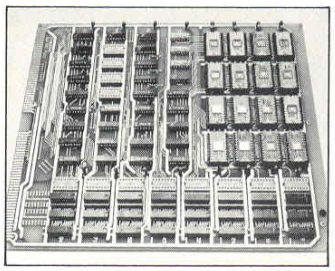
The Alfaskop 3500 is a modern data terminal system that we, as leaders on the Swedish market, have developed on the basis of our experience of installations at various places of work, and adapted to the rapid development that data processing will undergo in the next few years.

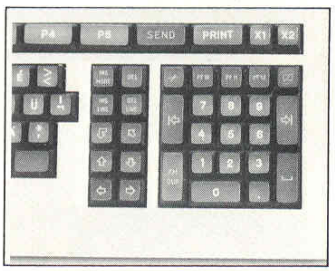
The Alfaskop is a data terminal system well suited to its task and at the same time flexible.

By making the Alfaskop 3500 programmable we have extended its sphere of application and increased the range of possible variations using the same hardware.

The central part of the Alfaskop 3500 is a micro processor that can be made to function in different ways through the exchange of programmable memories (PROM). This increases ability to meet market demands for flexibility in system design and to accommodate requirements for line procedures.

External memories and other peripheral units can also be connected to the Alfaskop. This is an alternative which permits better utilization of the central computer – a necessary requirement in the future, and maybe already now.





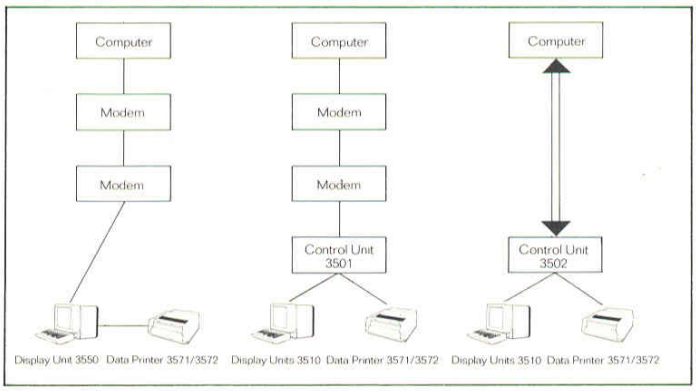
Terminal systems must allow expansion as needs increase. Costs must be in reasonable proportion to functions utilized.

The Alfaskop 3500 has a modular design and allows single or cluster installations. The modularity gives economy in all system configurations. When enlarging the terminal system, the control units are merely supplemented by the necessary modules and Display Units/Data Printers.

The Display Unit 3550 is used in single installations and has, in addition to a key-board and CRT-unit, communication logic which can be connected to the computer via modems.

The Display Unit 3510 is used in cluster installations and is connected to the 3501 or 3502 Control Unit.

The Control Unit 3501 is used for connection via the telecommunications network, and the Control Unit 3502 is used for connection to the IBM S/360 or S/370 data channel. In all cases the equipment is compatible with the IBM 3270.

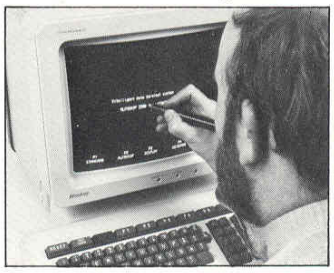


Inbuilt functions facilitate the operator's work and makes data communication more effective.

The operator's work on the Alfaskop 3500 is facilitated by the functional key-board which is equipped i.a. with advanced editing functions, back tabulators and a light pen. The light pen is an additional accessory which can be connected to the Display Unit.

The character-set includes upper and lower case letters as well as special symbols. Important information can be presented with increased intensity.

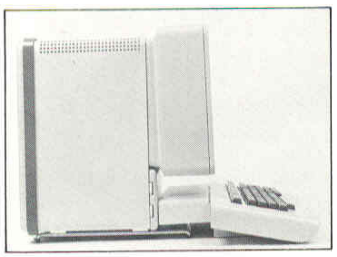
To make data communication more effective, the Alfaskop has automatic data reduction and character position addressing. Transfer speed at remote connection is 1200, 2400, 4800 or 9600 bps. Transfer speed at local connection to an IBM data channel is a maximum of 650,000 character per second.

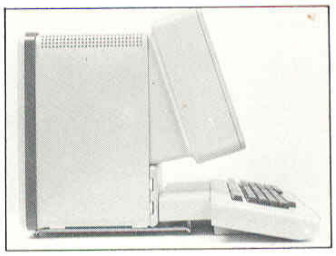


A work station must be easily adaptable to individual requirements.

Alfaskop has been designed in collaboration with medical ergonomic experts. Our object has been to adapt the equipment to the operator's demand for comfort and suitable layout of working position. The keyboard can be adjusted in relation to the CRT-Unit to provide the best possible working position. Layout is well planned and functional. Special emphasis has been put on the design of the numerical input section.

Reflections from the screen are minimized by a special antiglare filter. The screen can also be tilted up to 17° from the vertical to facilitate reading and permit easy adaption to the individual working position.

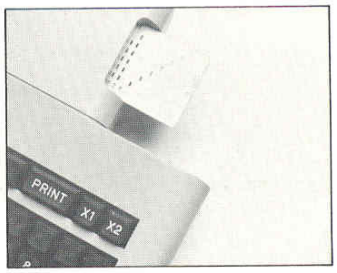




The demand for secrecy is increasing. The Alfaskop 3500 can be equipped with an authorization reader.

Demands for secrecy are important and will become more stringent in the future as more and more central data bases are set up.

It is important that unauthorized persons do not gain access to stored information. To prevent this Alfaskop has been provided with an additional item of equipment, an authorization reader which reads off the operator's authorization code.



Stansaab is a data system company that has specialized in information processing systems of the real time type. We develop and produce our own computers and systems which have been optimized for areas where speed in the processing of information plays a decisive role and where communication between man and machine is often of vital importance – situations where input information must be processed in a fraction of a second and presented in a way meaningful to the operator.

We have concentrated on three main areas – Air Traffic Control Systems, Patient Data Systems and Data Terminal Systems. However, rapid development in computer technology constantly sets us new and interesting tasks.

Our company's specialization in certain sectors of computer technology has given us unique resources in a field where technical developments are very rapid.

By a systematic development of knowledge and recourses, we have obtained a recognized position on the data system market both at home and abroad.

STANSAAB

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