

# digital DEAMON

**For low cost programming instruction  
in schools and colleges**

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**Digital Equipment Australia Pty Ltd,**

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DEAMON is the combination of low cost, flexible hardware and software to enable tertiary institutions and secondary schools to teach programming skills easily and effectively, within the constraints of a limited budget.

The system has evolved from the joint efforts of Monash University Computing Centre in Victoria, and Digital Equipment Australia, which have now combined to offer DEAMON to meet the pressing need for programming training in schools, colleges and universities.

## The system

DEAMON's hardware consists of a small mobile processing facility involving a processor, card reader, printer and optional flexible disk storage. This hardware and Monash software minimise operational requirements and optimise the teaching of programming skills. Monash Educational Computer System (MONECS) has been in use now for two years in Australia, New Zealand, North America and the UK. It has been proved to require minimal instructor involvement and is handling up to 500 student programs a day in Cobol, Basic or Fortran,

## Input

Data and programs are input to the system using mark sense cards. Preparation on mark sense cards requires only a pencil and an eraser and is consequently very inexpensive.

## The computer

DEAMON is constructed for ruggedness and easy mobility. The card reader is mounted on a steel cabinet containing the processor and optional disk storage. The cabinet has castors for relocation. The printer, likewise on castors, is cable-connected. Models 2 and 3 of DEAMON have flexible disk storage to handle Cobol, Fortran or Basic programs all within the one batch. Only a 240 volt AC power outlet is needed to run the system and no special air conditioning is required.

## Hardware and software specifications

Digital Equipment supplies the hardware and Monash University Computer Centre supplies MONECS. Maintenance responsibility is assumed by Digital for the hardware. It will supply

maintenance on a per call charge basis. Monash assumes responsibility for MONECS which is rented to the customer. A system user group established by Monash administers user contributions.

## Supplied by Digital

### Deamon 1

PDP 11/04-HD Processor- 16KW, MOS, 240V  
LA11-CD 180 characters/second line printer  
CMS11-K 200 cards/minute card reader and controller

Ruggedised, portable cabinet

Price \$12,500

## Supplied by Monash

	Annual rental
MONECS	
Core monitor plus	\$300.00
Basic and/or	\$200.00
Fortran	\$200.00

An operating manual for the system and a supply of student pamphlets for each compiler rented is available.  
(COBOL is not available for DEAMON 1)

### Deamon 2 and 3

PDP 11/04 with 8K words of MOS and the above peripherals, as well as;

Model 2 has an RX11-AD single floppy disk drive and controller.

Price \$14,900

Model 3 has an RX11-BD double floppy disk drive and controller.

Price \$16,500

## Supplied by Monash

	Annual rental
MONECS	
Disk monitor	\$300.00
The above language compilers plus Cobol	\$200.00
Plus the above manuals and pamphlets	

DEAMON hardware leasing terms are available on request to Digital Equipment Australia.

This leaflet was specially prepared for the 1976 DECUS Australia meeting in Adelaide. Specifications and prices are subject to change without advance notification.

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