



Remote Job Entry

with mainframe protocols like IBM HASP Multileaving
IBM 2780/3780
CDC 200 UT
UNIVAC NTR
ICL 7020
SIEMENS TD840

Dual Remote Job Entry

with concurrent combinations of the above protocols

Data Entry / Programming Workstation

with clustered RC 700 u-computers for data-entry / editing
functions and batch connection to mainframe

HASP Concentrator

for online data collection from IBM 2780 / IBM 3780 compatible
devices and with HASP multileaving connection to mainframe

Media Conversion

offline print
flexible disc/papertape/cassette tape conversion

Multi-media Conversion

Concurrent Key-to-Disc/Remote Batch

Combined Interactive/Batch System

CDC 200 UT multi-dropped
UNIVAC NTR/TTY concentrator using DCT 1000 protocol



Online Conversion Systems for IBM Mainframes using channel connection

online print
flexible disc/cassette tape conversion
data collection from IBM 2780 type terminals with
 auto answer/auto-dial facility
shared peripherals
remote systems supported under RCNET packet switched network

ROCS - Remote Online Communication System

for combined HASP Multileaving/IBM 3270 access

X25 Communication Systems

Filetransfer System

based on RCNET packet switched network or the new PSS service from
British Telecom.

Print System

Offline print of UNIVAC OS1100 formatted magnetic tapes.

Features: TLS/ANSI label handling
SDF Data Format
Restart, Backspace, Forwardspace Functions.

Prices from: £18,250

Options: Second magtape/printer
Print Statistics collected on flexible disc.

Conversion System

Conversion of IBM compatible flexible discs and optionally papertape into UNIVAC OS1100 formatted SDF magnetic tape.

Prices from: £15,000

NTR Remote Batch Workstation

Standard Remote Batch Terminal offering remote access to the UNIVAC OS1100 system using FDR protocol.

Features: Console support.
Local commands user friendly.
Multiple readers/printers/punches.
Full error recovery.

Prices from: £13,500

Options: Peripheral support of magnetic tape, flexible disc, papertape.

NTR Multi-Job Workstation

Combines all the above mentioned functions into an integrated Remote Batch System with spooling of printdata to disc and handling of local media conversion.

Prices from: £22,000

TTY Concentrator

Concentrates a number of TTY demand terminals into a single communications line operating under the synchronous DCT 1000 protocol. Can be used concurrently with NTR batch service.

Prices from: £ 9,500



REGNECENTRALEN

(UK) LTD

RC 3600 HARDWARE

QUOTATION No. H

CAP HOUSE · 9-12 LONG LANE · LONDON EC1 9HA
TELEPHONE: 01-606 3252 TELEEX: 892800

TO: Mr Any User, Anytown, United Kingdom. For the attention of Mr A.N. Other	DATE: November 1980
	REF No: New Customer
	ALL PRICES QUOTED EXCLUDE VAT
SITE REFERENCE: Anytown, United Kingdom	

ITEM No.	PRODUCT No.	QTY.	DESCRIPTION	UNIT PRICE	TOTAL SALES PRICE	MONTHLY MAINTENANCE
1	RC3703	1	Central Processing Unit 64KBytes	3500		
2	RC3680	1	BSC Channel	1000		
3	RC3650	1	Floppy Disk Drive	1650		
4	F19	1	Power Autoload Panel	200		
5	RC822	1	Display Terminal Keyboard	1300		
6	RCB600	1	600 lpm Band Printer	5000		
7	F91	1	Medium Cabinet	400		
Total					£13050	

DELIVERY 7 Days Notice	HARDWARE APPROVED BY: M. Gurling	Total Hardware Charges	£13050	£135	00
THIS QUOTATION IS VALID TO: 90 Days	SOFTWARE APPROVED BY: F.V. Nielsen	Delivery Installation Charge	£250	-	-
		Software Charges (c/f from software quote)	included in Sales	in Price	

CONDITIONS OF SALE: - SUBJECT TO CONTRACT

Total Quotation Price	£13300	£135	00
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- White - CUSTOMER
- Pink - SALES DEPT.
- Yellow - HARDWARE
- Blue - SOFTWARE
- Old Gold - MASTER-FILE

For REGNECENTRALEN (UK) LTD.

J. Miskelly



■ *PRINT STATION*

*with 2780/3780/HASP Multileaving protocols.
Refer to Application Note 1.*

Prices from £13,500

■ *DUAL-RJE SYSTEM*

*with the following mainframe connections
IBM/IBM, IBM/UNIVAC, IBM/CDC.
Refer to Application Note 2.*

Prices from £18,750

■ *HASP CONCENTRATOR*

*for connection of a number of 2780/3780
terminals through a single HASP Multileaving
communications line.
Refer to Application Note 3.*

Prices from £16,250

■ *3270 NODE*

*for dynamic selection of application program on
one or more host systems from IBM 3270 compatible
VDU terminals.
Refer to Application Note 4.*

Prices from £17,500

■ *ROCS SYSTEM*

*for intelligent multiplexing of interactive
and batch traffic utilizing packet switching
technology.
Refer to Application Note 5.*

Prices from £46,500

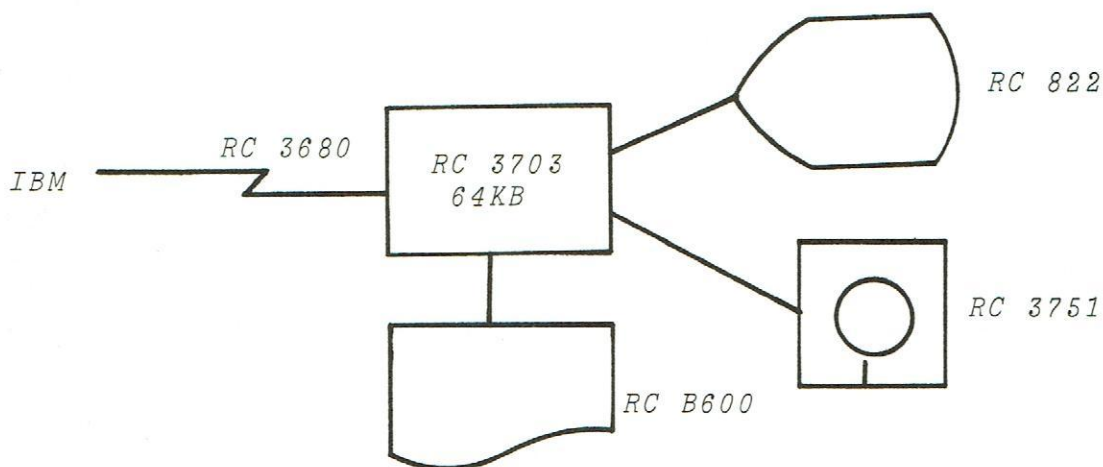
■ *FRONT-END SYSTEM*

*for high speed channel connection of RC 3600
support functions such as file transfer, peripheral
handling, data collection or networking.
Refer to Application Note 6.*

Prices from £17,000

PRINT STATION

The RC 3600 PRINT STATION is designed to meet the requirements for remote printout on a demand basis especially in connection with interactive VDU-based applications. The PRINT STATION features a wide selection of communication protocols including standard IBM 2780, IBM 3780, IBM S/360 HASP Multileaving and IBM 3777 SDLC. It is based on the proven and reliable RC 3703 with 64 KB of semiconductor memory and will operate with linespeeds up to 19.2 kbps. The basic model is configured with RC B600 band-printer providing high quality printout at 600 lpm. However, a variety of other printers can be used to cater for special requirements.



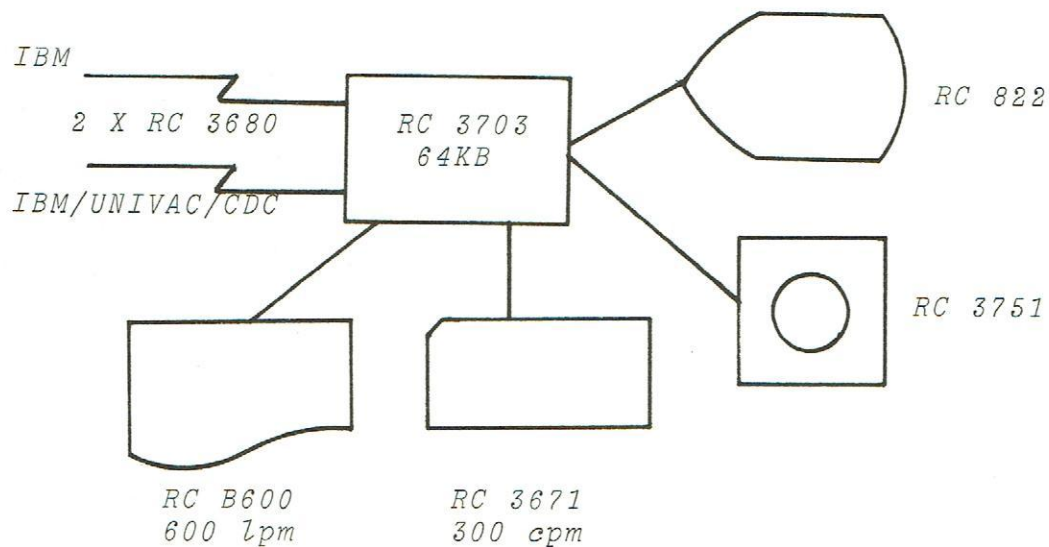
Basic RC 3600 PRINT STATION.

Price £13,500

Options:	Card-Reader, 300 cpm	£2675
	JCL handling on local flexible discs, for creation, updating, editing and transmission of IBM 3740 compatible datasets.	£1600
	Remote matrix printer, 350 cps	£3500
	Attachment of other peripherals, ask for separate quotation.	



The RC 3600 DUAL-RJE SYSTEM is designed to meet the requirements for remote job entry with concurrent operation into two mainframes. These can be either IBM/IBM, IBM/UNIVAC or IBM/CDC and the communication protocols used are IBM HASP Multileaving, UNIVAC NTR and CDC 200 UT. The DUAL-RJE system features concurrent RJE with sharing of the attached peripherals such as operators console, card reader and line-printer. This offers a very cost effective solution in cases which require RJE to e.g. a local IBM 4300 system and to a central, corporate mainframe at the same time. The system is based on the proven and reliable RC 3703 with 64KB of semiconductor memory and will operate with linespeeds up to 19.2 kbps.

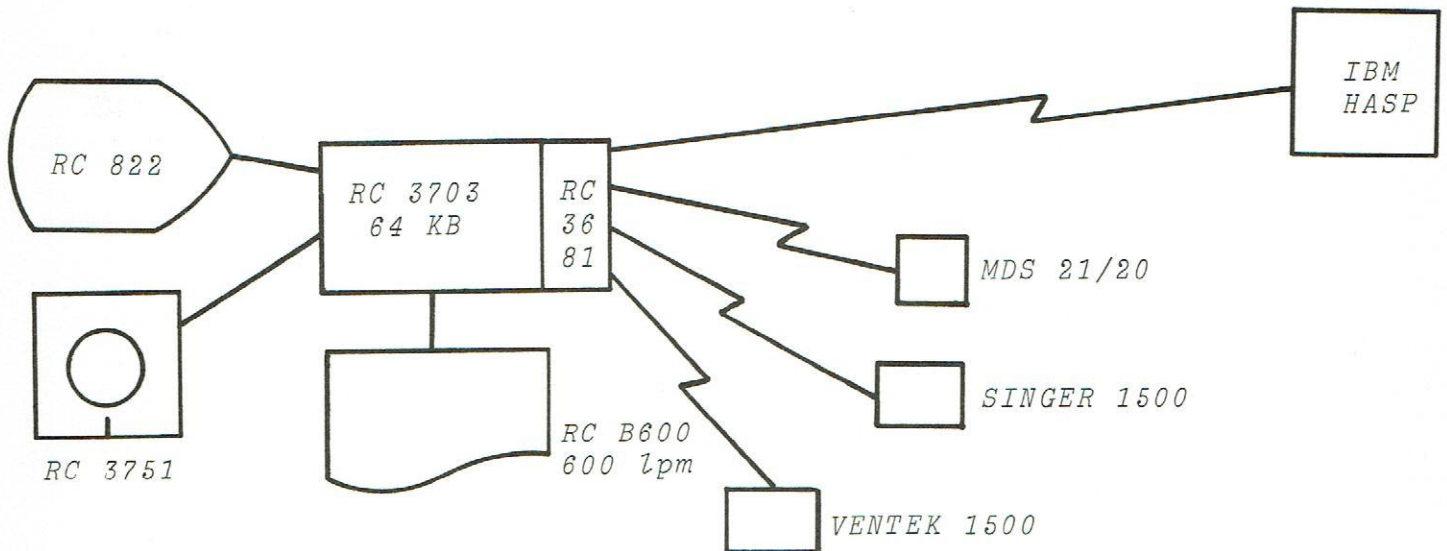


Basic RC 3600 DUAL-RJE SYSTEM Price £18,750

Options:

Extra RC B600 bandprinter, 600 lpm £5000
Extra RC 822 VDU console £1675

The RC 3600 HASP CONCENTRATOR is designed to meet the requirements for data collection from a number of data entry terminals with IBM 2780/IBM 3780 communication facilities such as IBM 3741, SINGER 1500, MDS 21/20 or VENTEK 1500. The terminals are concentrated through an RC 3600 RJE system onto a single IBM HASP multileaving line by allocating a reader/printer stream to each active terminal. The benefit of this is a reduced requirement for terminal ports on the mainframe system. Substantial cost savings also result from the fact, that only local calls will be needed in order to connect to the HASP CONCENTRATOR in say a regional office. Line utilization is optimized as line capacity can be used for the local RJE functions when the data entry terminals are not active. Further savings result from the superior datacompression techniques employed by the HASP multileaving protocol. The system is based on the proven and reliable RC 3703 with 64KB of semiconductor memory and will operate dial-up or leased lines with speeds up to 9.6 kbps.

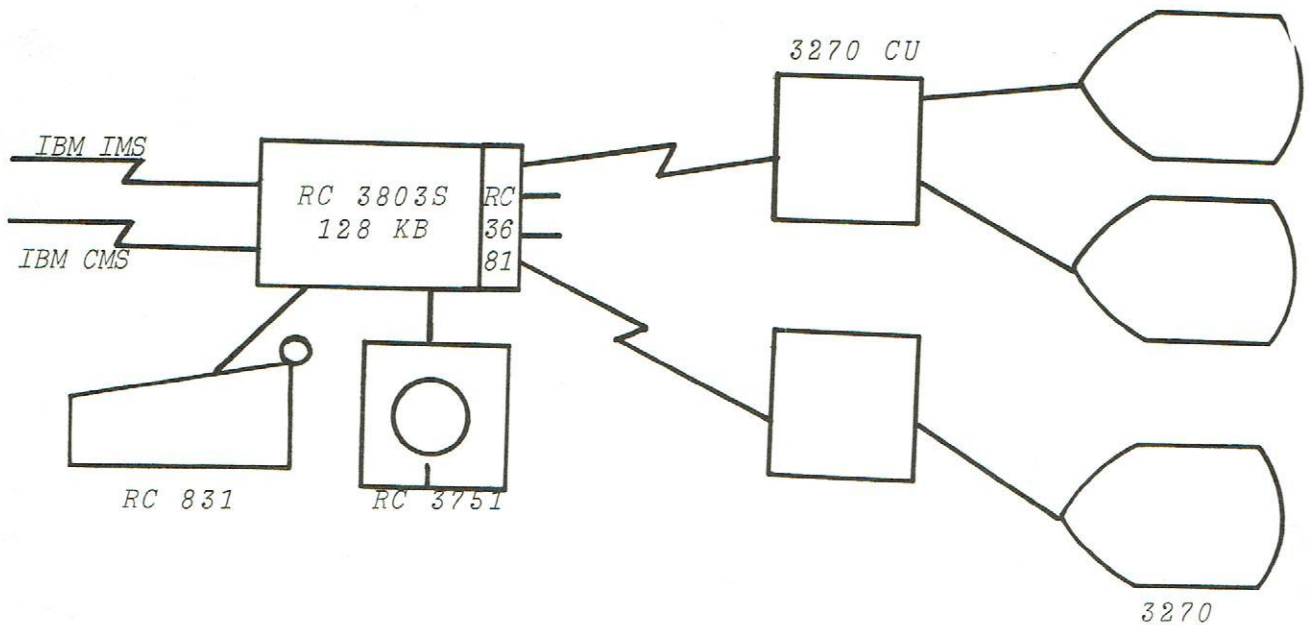


Basic RC 3600 HASP CONCENTRATOR. Price £16,250

Options:

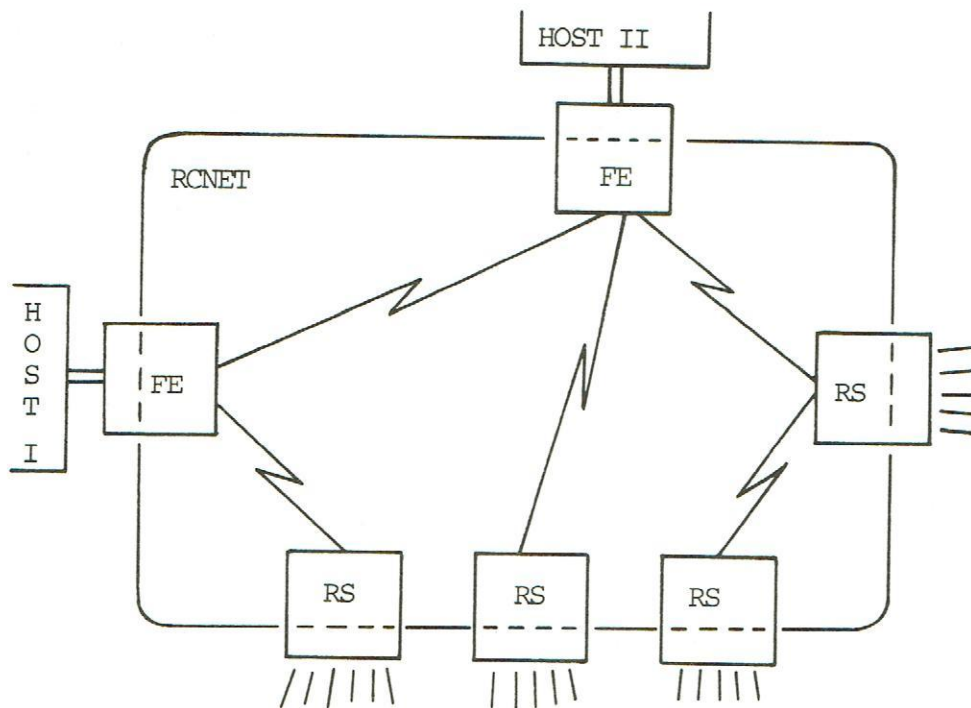
Cardreader, 300 cpm	£2675
Magnetic Tape Station, 9 track, 45ips, 800bpi/1600 bpi.	£7400

The RC 3600 3270 NODE system is designed to enable the user of an IBM 3270, BSC mode compatible VDU to select any out of a number of different mainframe applications. The applications may reside in the same CPU or be distributed between more CPU's. The RC 3600 3270 NODE system will present a menu of authorised applications to the user for selection. The 3270 Control Units are connected to the RC 3600 by means of standard BSC communications protocol and the RC 3600 in turn operates as a collection of Control Units towards the IBM mainframes. In this way the RC 3600 acts as a switch directing the transactions to their proper destination, resulting in a reduced need for terminals and in a more cost effective utilization of the individual terminal. The possibility of using the same terminal to access services which are otherwise not accessible in a network architecture is an extra benefit. The system is based on the RC 3803S with 128 KB of semiconductor memory and will operate with line-speeds up to 9.6 kbps.



Basic RC 3600 3270 NODE Price £17,500

The RC 3600 ROCS system is designed as a complete and powerful solution to communication services of IBM mainframe users. ROCS is based on front-end, network and remote support systems and provides for intelligent multiplexing of interactive and RJE communications. The mixed interactive and RJE communication is most effectively performed by the advanced independent RCNET packet switching service, incorporating the use of modern HDLC line procedures (X.25 LAP B) for network interconnections. The linking of front-end systems to the mainframes can be performed by BSC connections (IBM 3271, IBM HASP Multileaving) as well as local channel attachments (IBM 3272). The remote support system enables adaption of existing terminal equipment without requiring costly upgrades. The system can be configured to support a mixture of interactive terminals (IBM 3271 type), RJE workstations (IBM 2780/3780 type), local RJE peripherals and local processing tasks.

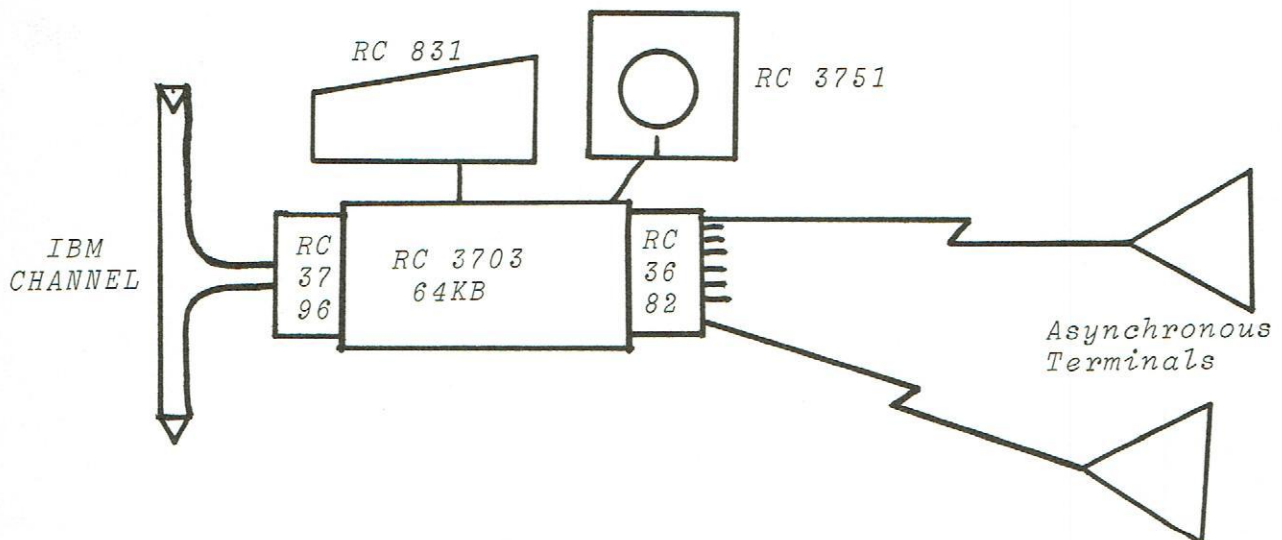




The RC 3600 Front-end system is designed to meet the requirements for highspeed, cost effective data transfer to and from IBM 370/303X/43XX series systems or to and from IBM compatible mainframe systems in general. The RC 3600 Front-end system is channel attached and will operate on selector channels, byte multiplexer channels and block multiplexer channels as a standard IBM channel control unit. Apart from special channel protocols, the following device-emulators are available:

IBM 1403	Printer
IBM 3504/5	Card Reader
IBM 3525	Card Punch
IBM 3215	Console Unit
IBM 3272	Display System

The RC 3600 Front-end system allows the user to utilize RC 3600 support functions such as File Transfer, Peripheral Support, Data Collection, Data Communications and Networking in an efficient way.



Typical RC 3600 FRONT-END SYSTEM