

APPLICATION NOTE. NO. 18

NETWORKING ON THE ENTERPRISE

See Application Note No. 11 for connection details.

The Enterprise network system allows the transmission and reception of both programs and data.

It is important to set the serial baud rate to 9600 baud (SET SERIAL BAUD 15) as the operating system on 64K computers defaults to 7200 baud while 128K computers default to 9600.

TO SEND A PROGRAM FROM ONE COMPUTER TO ANOTHER.

Sending computer:-

```
SET SERIAL BAUD 15
SET NET NUMBER 1
SAVE "NET-2:"
```

Receiving computer:-

```
SET SERIAL BAUD 15
SET NET NUMBER 2
LOAD "NET-1:"
```

This provides full error checking.

SENDING MESSAGES BETWEEN COMPUTERS.

This would normally be a 'background' task called by an exception handler. A simple program to send and receive messages is shown below.

Sending computer:-

```
100 PROGRAM "MESSAGE_SEND"
110 SET SERIAL BAUD 15
120 SET NET 1
130 OPEN £110:"NET-2:" ACCESS OUTPUT
140 INPUT "WHAT MESSAGE":X$
150 PRINT £110:X$
160 FLUSH £110
170 CLOSE £110
180 END
```

Receiving computer:-

```
100 PROGRAM "MESSAGE_GET"  
110 SET SERIAL BAUD 15  
120 SET NET 2  
130 OPEN £110:"NET-1:" ACCESS INPUT  
140 INPUT £110:A$  
150 PRINT A$  
160 CLOSE £110  
170 END
```

A MORE DETAILED APPLICATION ON THIS SUBJECT WILL APPEAR LATER