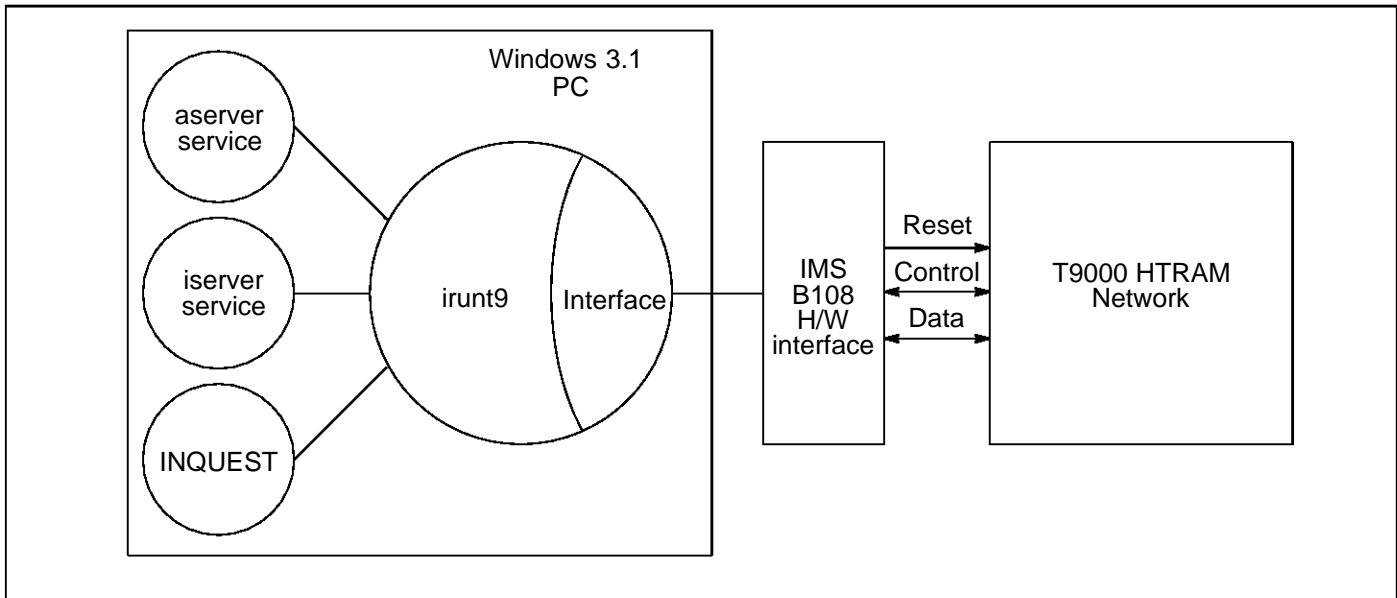


**WINDOWS 3.1 T9000 INTERFACE SOFTWARE**



**FEATURES**

- Development interface package for networked access to T9000 target hardware
- Configuration and booting of programs produced using the T9000 toolsets
- iserver based runtime support of T9000 programs
- aserver libraries to enable user specific servers to be created

**DESCRIPTION**

The IMS S7398 is used in conjunction with the INMOS T9000 software development toolsets and the IMS B108 PC HTRAM motherboard to form a complete single user development environment for T9000 application programming. The product enables users to configure and boot applications, to provide input and output to the application, to facilitate interactive and post mortem debugging using INQUEST.

## 1.1 Product overview

The IMS S7398 product is used in conjunction with the INMOS T9000 software development toolsets and the IMS B108 PC HTRAM motherboard to form a complete single user development environment for T9000 application programming. The product enables users to:

- Configure and boot applications onto T9000 networks
- Provide input and output to the T9000 application
- Facilitate interactive, post mortem debugging and profiling of the application using INQUEST
- To build Windows 3.1 hosted user interfaces onto T9000 applications

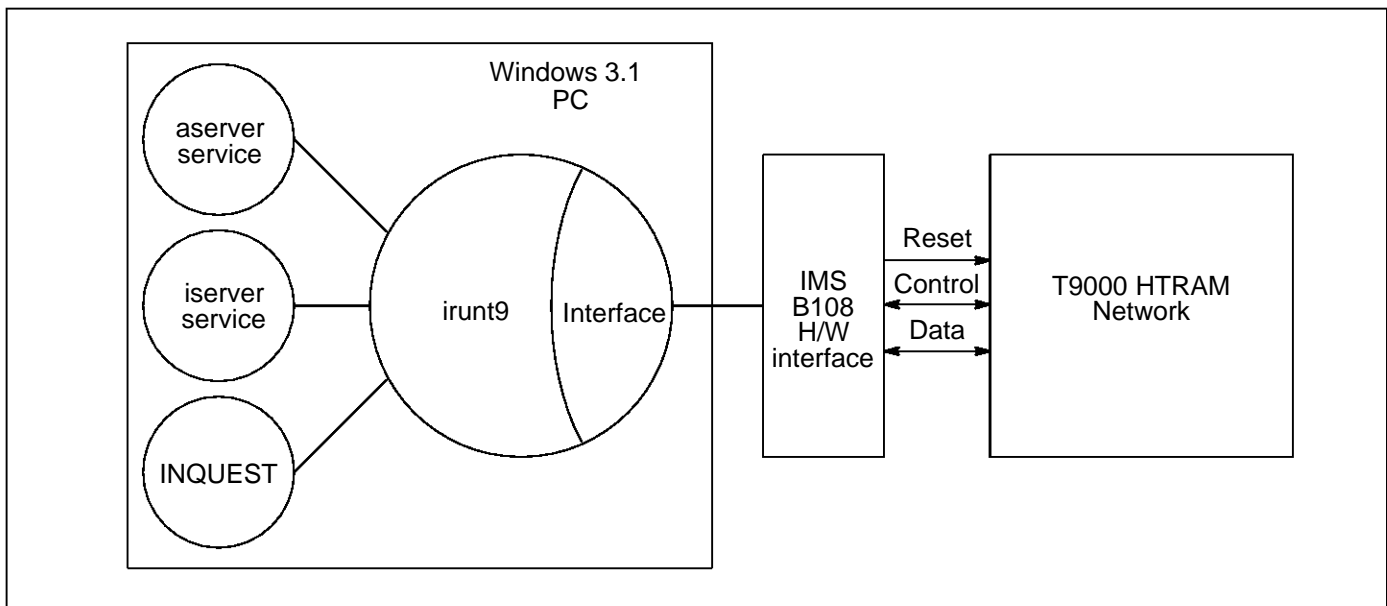


Figure 1.1 Development environment for T9000 application programming

Figure 1.1 shows a likely usage of the IMS S7398/IMS B108 combination providing a T9000 development environment. The transputer network has been configured and then loaded by 'irun'. The program has been configured with the INQUEST debug option and hence 'irun' has started the INQUEST debugger. The program has performed some I/O, (perhaps opening a file for reading), causing 'irun' to start an 'iserv' service which implements this I/O. Finally, the user has produced a custom aserver service – providing a graphical user interface to the application, for example.

The INMOS aserver is a standard mechanism for allowing user defined communication with a transputer based application at the same time as that application is using standard run-time library interfaces or being debugged using INQUEST. The flexibility offered by aserver allows independent service activity to be supported across the network without mutual interference. Service modules developed for use with aserver can be simple or complex and are compatible with existing transputer environments.

### 1.2 Product description

The IMS S7398 product includes:

- 'irun' loader/server interface utility for the host environment
- 'iserv' run-time support server for the INMOS toolset environment
- Installation and user documentation
- 'aserver' programming interface for host and T9000.

### 1.3 Product environmental requirements

The IMS S7398 software package is designed to be used in conjunction with the INMOS T9000 C and occam toolset products and the T9000 INQUEST advanced toolset product. It is only compatible with an IMS B108 PC HTRAM motherboard card.

The operating requirements are an IBM or compatible PC with at least a 386 processor and 4Mbytes of memory, running DOS 5.0 and Windows 3.1.

### 1.4 Ordering information

Description	Order Number
IMS S7398 Network Interface Software for PC	IMS S7398

Table 1.1 Ordering information

### 1.5 Field Support

INMOS products are supported worldwide through SGS-THOMSON Sales Offices and authorized distributors.




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