

## So Why Are You Still Using OSI on VME?

Traditionally, Fujitsu Services (formerly ICL) has been a strong supporter of Open Standards. The VME operating system has supported the OSI communications protocol for many years.

However, TCP/IP has become the de-facto standard and use of OSI communications has greatly diminished. This means that remaining on an OSI network makes communication with other platforms harder and more expensive.

The good news is that TCP/IP is fully supported at OpenVME V5 and is included in the release at no additional cost!

### Features:

- TCP/IP support in base VME kernel.
- DNS resolver to identify remote systems by name rather than IP address.
- FTP responder/initiator with restart/recovery.
- Sockets API
- LPR facility to enable printing over TCP/IP to lan based printers or print servers

### Benefits:

- Improves inter-working between VME and other platforms.
  - Helps to make data held on VME available to other applications.
- Improves performance:
  - Native TCP/IP is faster and more robust than the VME-X implementation.
  - FTP throughput rates are approximately 30% faster than FTF
  - Equally important you can transfer files using the native TCP/IP facilities at the same rate for 60% fewer MIPS when compared with the VME/X implementation.
- LPR facility enables printing over TCP/IP
  - Replace old impact printers dedicated to VME by modern printers and print servers.
  - Supports spooling through both VME and TPMS.
- Removes complexity
  - For those organisations with TCP/IP networks, there is no longer a need for gateways to link VME with the network.
  - Removes requirement for VME-X
- Reduces cost
  - Due to the sales volumes, TCP/IP infrastructure is lower cost than OSI infrastructure.
- Improves Network Support & Management
  - Industry standard network protocol

### Implementation:

- No change to existing applications.
- Low risk – OSI and TCP/IP can co-exist, enabling controlled migration.
- Fujitsu Services can provide very cost effective training or implementation services. A one day on-site workshop is just £1000.

*The future is open, the future is TCP/IP.*