

## IMPART ISO Transport for Windows

Our IMPART ISO Transport is one of the most popular OSI Transport Stacks in the world. Over 50,000 installations in the UK alone demonstrates its reliability, efficiency and robustness. Built from a common code base, the OSI transport is available under Windows NT, 98, 2000, XP and later systems. A UNIX version is also available.

For Windows 98 the OSI Transport is written as a 32-bit VxD, whereas for Windows NT4 and later operating systems, it's a high-performance native transport driver supporting the Microsoft defined Transport Driver Interface (TDI) at the top and the Microsoft NDIS interface (for Ethernet LAN access) at the bottom. A 64 bit version of the driver is available for the X64 variants of Windows XP and later systems.

Customer written applications can use the IMPART Application Data Interchange (ADI) interface which provides a simple set of functions for reading and writing data, and requires the IMPART addressing files, or the Winsock or WinXTI interfaces, for more precise control.

### Key Features

IMPART OSI Transport operates over LAN and supports the following:

- ISO 8073 Connection-Oriented Transport Protocol Class 4 over ISO 8802-3 LAN
- ISO 8473 Connectionless Network Protocol (CLNP)
- ISO 9542 End System to Intermediate System routing exchange protocol (ESIS)
- Dynamic addressing for use when the full CLNP is not used. This is used for environments such as Fujitsu's IPA3 OSLAN, where there is not a network protocol and therefore no ESIS
- Support for multiple LAN LSAPs
- Support for multiple LAN cards and sub-networks
- Transport connection switching. This is used when communicating over null CLNP to systems that may switch the LAN sub-network address used by their transport connection e.g. Fujitsu's multi-node VME
- Extensive tracing, diagnostic and statistics facilities
- A GUI interface for setting OSI Transport and network layer parameters
- A choice of application programming interfaces
- Limited support for Aeronautical Telecommunications Network Standards.

### Related Products

**IMPART for Windows** – A comprehensive suite of Windows application providing terminal emulation onto a Fujitsu VME mainframe.

**IMPART for UNIX** - emulates Fujitsu IPA communications for RSA video terminals, File Transfer Facility and Direct Print

**IMPART\*X** – Fujitsu VME terminal emulation applications for the web browser

**IMPART ISO UNIX** – ISO transport for UNIX

**IMPART Gateways** – Server components enabling access to Fujitsu VME systems.

**IMPART RFC1006** – Transport enabling OSI over TCP/IP

**About Boldon James** - Boldon James has over twenty years experience specialising in message handling solutions tailored to meet the formal messaging requirements of the worldwide Defence, Homeland Security, Aviation and Government sectors. Using extensions to Microsoft commercial off-the-shelf (COTS) software, Boldon James provides the added functionality that customers require, but retains the ease of use and implementation of a COTS solution. This results in solutions with a low total cost of ownership and significantly reduced deployment risk. Boldon James is a Microsoft Certified Partner. **For further information please visit [www.boldonjames.com](http://www.boldonjames.com), email [info@boldonjames.com](mailto:info@boldonjames.com) or call us on +44 (0) 1270 507800.**