

## IBM LANDP (Local Area Network Distributed Platform) Version 6.0



*A typical LANDP retail banking customer operation*

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### Highlights

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- **LANDP Version 6 protects customer's investments in hardware, operating systems, application software and staff training**
- **LANDP Version 6 supports Linux and Windows XP, for those customers planing to move to these new operating systems**
- **LANDP Version 6 provides Java wrappers and Java beans for most popular LANDP servers, providing considerable benefits to the application developer**
- **LANDP Version 6 includes Install Shield and a new graphical editor to enable the creation of specifications files, workgroup configuration and workstation set-up to be completed more easily.**

IBM LANDP\* (Local Area Network Distributed Platform) has been designed and developed primarily for retail banking. It is a tried and tested solution which is used by a large number of customers world-wide, including some of the world's largest banks. There are also customers in other industries.

The latest release, LANDP Version 6, offers significant enhancements across all supported platforms, including the addition of Linux\*\* and Windows XP\*\*, as well as the provision of new servers and improvements to existing servers.

LANDP Version 6 also completes the migration options for customers still using FBSI, by including the facility for them to migrate to Windows NT\*\*.

LANDP Version 6 continues to offer outstanding protection for customers' IT investments, through the provision of a straightforward growth path for LANDP applications. It provides links between existing and future technologies, which enable the

same LANDP applications to operate across multi-platform workgroups.

LANDP is also well positioned to enable development of both packaged and tailored solutions by providing support for many current strategic technologies.

As the latest version illustrates, LANDP continues to deliver added function to meet our customers' requests.

### Performance and reliability

LANDP is a mature product, proven in demanding situations where the highest levels of performance and reliability are required. Through LANDP Version 6 you can obtain:

- An effective infrastructure for developing improved service automation that alleviates the need for making constant changes to applications
- Versatile client/server technology – LANDP Version 6 supports multi-platform networks running a combination of Linux, Windows XP, Windows 2000\*\*, Windows NT, OS/2\* and DOS
- Support for migration to new platforms – LANDP's cross-platform capabilities enable the same applications to operate across multi-platform workgroups

- Fast development of portable applications – LANDP provides a common API across all platforms, which facilitates application development. LANDP Version 6 provides improved support for visual programming and Java\*\*
- The benefit of IBM's experience in supporting LANDP customers worldwide.

### **Versatile client/server technology**

The main elements contributing to the continuing success of LANDP are its uniform client/server mechanism, common API and extensive functionality.

The LANDP client/server mechanism logically connects workstations and associated peripherals such as printers and other devices to form a LANDP workgroup. Each LANDP workgroup, which may be a network of computers within a department, branch, or retail outlet, can integrate processors running the following industry-standard operating system software: Linux, Windows XP, Windows 2000, Windows NT, OS/2 and DOS.

### **Effective branch automation and integration**

LANDP facilitates branch automation by enabling branch workstations to communicate with each other and with host computers, and for applications to be integrated using differing technologies. Information contained in different databases can be shared, as can resources such as printers, magnetic stripe readers (MSR) and personal identification number (PIN) pads.

While supporting proprietary IBM devices as standard, LANDP also supports specialised equipment from different vendors. With LANDP, customers can choose the hardware, application software and system software which best suit their current needs, and

install them in the same workgroup knowing that they will function smoothly together.

### **Cost savings**

LANDP can help customers to save IT costs and protect both existing and future investments in hardware, operating systems, application software and staff training. It provides a simple API, common across multiple platforms, which helps the cost-effective exploitation of branch networks.

In addition, LANDP Version 6 provides increased device support, including for the latest financial printers, which is aimed at delivering lower-cost transactions.

### **Improved productivity**

LANDP Version 6 includes a number of productivity tools to make installation and customisation easier. These include a new graphical customisation tool to enable workgroup data to be configured quicker, faster application development through improved support for visual programming and Java, enhanced Workgroup facilities and improved printing performance under Windows NT.

### **Support for industry standards**

LANDP supports many of the current IT industry standards, including Open Database Connectivity (ODBC), providing common access to a wide range of relational databases, and J/eXtensions for Financial Services (J/XFS) for the Java\*\* platform, which enables I/O devices to be shared between LANDP and J/XFS applications.

### **Migration path to the future**

LANDP Version 6 provides a clear migration path to the future

through support for Linux and Windows XP, for those customers planning to move to these new operating systems.

### **Dedicated support**

LANDP customers are supported by a dedicated LANDP development team based in Hursley, UK, which has many years of experience of installing, migrating and customising LANDP environments world-wide.

With each of the LANDP support services, experienced IBM professionals can work with your staff, either remotely or on-site, to help you to ensure your LANDP solution is successful.

### **▪ LANDP Installation Services**

If you want to try some of the new LANDP servers and services but are unsure how to proceed, then the LANDP Installation Services can provide:

- Planning for your LANDP software installation
- Installing and configuring the LANDP software
- Setting up the LANDP runtime code on the client and server workstations
- Basic skills instruction.

### **▪ LANDP Application and Server Design Services**

If you want to implement a new LANDP application or write your own user server, the LANDP Application and Server Design Services can provide:

- A definition of your LANDP application or user server requirements
- The creation of a high-level or low-level LANDP application or user server design
- Coding guidance and standards.

▪ **LANDP Education Services**

If you have recently lost key LANDP skills, or need to develop greater expertise on LANDP servers and services, then LANDP Education Services can provide:

- Technical workshops which are provided at IBM's Hursley Park development laboratory in UK free of charge. They are not 'for free' as the attendee needs to pay hotel/travel etc, but are free of charge from IBM.
- Tailored workshops at your own location, designed to give you practical experience of using LANDP, and which will be chargeable.

**Opportunities**

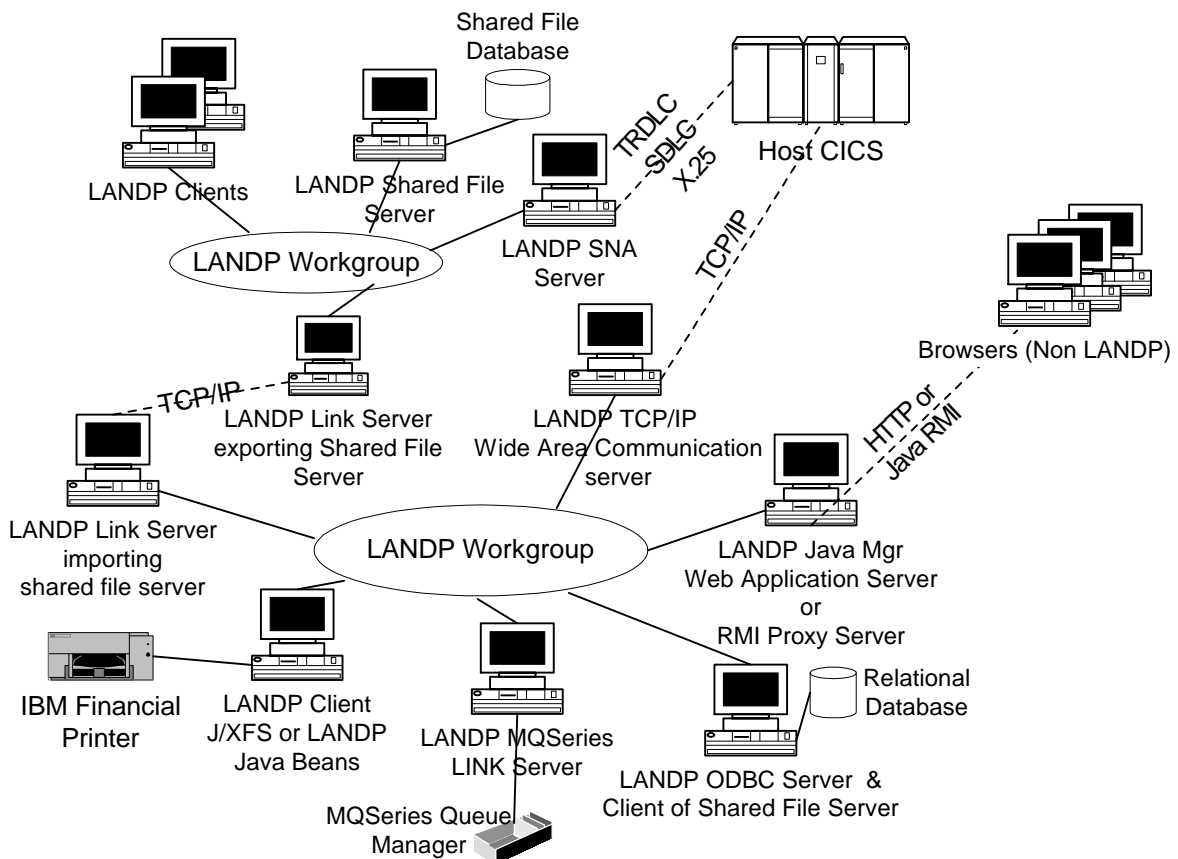
LANDP should be of interest to organisations that want to:

- Migrate their existing LANDP applications to Linux or Windows XP as the capability exists for LANDP applications to be run and further developed under these new environments
- Upgrade to the latest version of LANDP in order to ensure continuing software support or to take advantage of product enhancements
- Develop new applications, or extend existing ones, using LANDP

- Extend their number of LANDP licenses as a result of expansion or merger activities

- Develop multi-platform networked solutions from scratch but do not have LANDP installed
- Develop solutions based on IBM WSBCC\* (WebSphere Business Components Composer) and want to extend the services offered by WSBCC.

**LANDP Version 6.0 Connectivity**



**Ordering information**

Specify Program Number 5724-B16 when ordering LANDP Version 6.

The LANDP Version 6 CD-ROM includes support for Linux, Windows NT, Windows 2000, Windows XP, OS/2 and DOS platforms. The CD-ROM includes technical documentation relating to the installation and development of LANDP applications.

For more information on planning LANDP, please refer to the LANDP Introduction and Planning manual available on the LANDP Web site.

**For further information**

For further information on LANDP Version 6 visit the LANDP Web site at: [ibm.com/software/landp](http://ibm.com/software/landp).

For information about the technical support which can be provided by the LANDP development team contact [LANDP@uk.ibm.com](mailto:LANDP@uk.ibm.com).

**Summary**

LANDP Version 6 provides customers with flexible integration for a fast-moving future. It enables organisations to benefit from the advantages of moving from established client/server environments to e-business technologies. By so doing, it can help them save costs, improve their levels of customer service and thereby increase their competitiveness.



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