

Visual **LANSA**

Rapid development of portable applications

Visual LANSA provides a comprehensive Windows-based development environment. You can deploy applications to many platforms including Windows, System i, UNIX, Linux and Wireless devices. Visual LANSA uses LANSA's Object Repository and HLL to develop both client and server programs. You only need one set of easy-to-learn skills to rapidly develop graphical browser and client/server applications.

Advanced development made simple

Visual LANSA is a development tool tightly focused on just one thing — rapidly creating high quality commercial applications. But it is not simply a more productive Integrated Development Environment (IDE). Visual LANSA's platform independent Object Repository and high-level business-focused language lets you develop 5250, Web and Windows rich client programs — from a single code base.

You can develop and deploy highly graphical Windows and Web applications with native/seamless access to System i and ODBC-compliant databases — utilizing LANSA's powerful and proven Object Repository technology and fast open middleware.

Anyone who understands the essentials of fields, files and programs can rapidly develop flexible ebusiness and client/server applications with Visual LANSA.

Existing LANSA developers enjoy all the familiar LANSA benefits. The simplicity and power of the LANSA High Level Language (HLL) is portable and you can centralize common application intelligence in Visual LANSA's portable distributed Object Repository. You gain the native performance benefit of compiled C/C++ but you debug at the LANSA HLL level.

New and existing developers will both enjoy all the productivity benefits a Windows development environment brings. Point-and-click to select fields and files. Cut-and-paste to rapidly edit and debug. And a powerful forms painter lets you design graphical applications.

Test and deploy to multiple platforms with ease

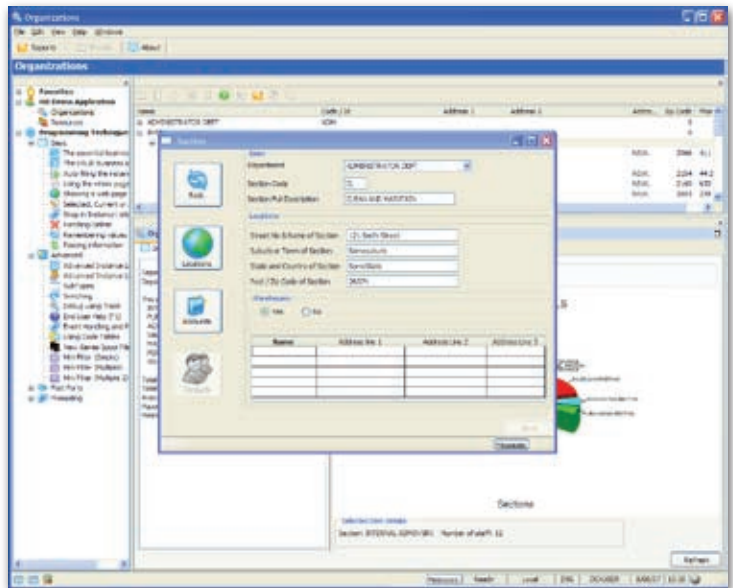
You can develop for a single system such as the System i or Windows today, then split and move programs and data — without changing source code — to a mixture of System i, Windows, Web, UNIX and Linux platforms tomorrow.

You can support Windows XP/Vista and System i from a single set of LANSA source code. You can even deploy to Wireless devices. You test on a simple, single Windows system and then deploy to whatever mixture of platforms you require. Visual LANSA also provides an online client and remote server HLL level debugger.

Productive System i/5250, Windows and Web development

You can dramatically improve developer productivity by using Visual LANSA to create 5250 and Web applications for your System i.

LANSA's key differentiator is that existing 3GL and green-screen developers (RPG or COBOL) can learn the product and be more productive in a very short time — typically one to three months. The Visual LANSA IDE also allows an easy transition for new, non-iSeries developers.



With the Visual LANSA Framework you can rapidly prototype, develop and deploy applications to the Web and Windows — from a single code base.

Even moving your LANSA development team from the iSeries to Visual LANSA provides a 25 percent increase in developer productivity. You have one screen to view field and file definitions, validations, relationships, programs and the source editor and can take on Web, wireless and modernization projects and leverage the LANSA Repository. Plus graphical Data modeling for existing databases and new development.

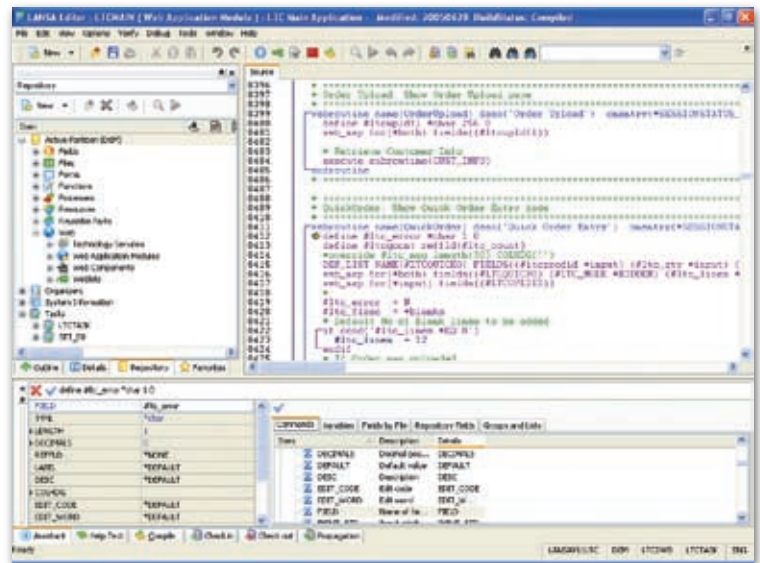
The Visual LANSA Framework allows developers to prototype commercial applications rapidly without coding. It generates high quality Web and Windows programs with a consistent look and behavior. It's like having an experienced mentor sitting next to your developers.

Advanced desktop integration

LANSA is renowned for easily integrating with existing System i applications. It comes as no surprise that Visual LANSA integrates easily with Windows applications and Microsoft Office. You can use Microsoft Word as a print engine and easily create a telemarketing mailer from System i data.

Easy A2A and B2B integration

LANSA Integrator enables integration of Application-to-Application (A2A) and Business-to-Business (B2B) transactions through XML and Java Services. LANSA Integrator caters for SOAP/Web Services, evolving EDI standards and many other data formats and transport methods. LANSA Composer delivers the power of BPI technology in a highly visual environment so designers and business analysts, rather than developers, can rapidly automate and integrate business processes.



Visual LANSA's IDE lets you view file and field definitions, validations, relationships, programs and the source editor from a single screen.

Features

Visual LANSA Options

- Advanced visual development environment
- Component-based OO development
- Dynamic multi-tier client and server partitioning
- LANSA's fast and scalable middleware
- Deployment tool for rapid just-in-time deployment
- Microsoft Visio integration via LANSA Visual Modeler
- Integrated Adaptive Server Anywhere database for development and testing
- Integrated Microsoft C/C++ compiler
- Rapid Internet, Intranet and Wireless applications with LANSA for the Web
- A2A and B2B integration through XML and Java services with LANSA Integrator
- Code-free BPI with LANSA Composer
- .NET integration with LANSA open for .NET

Visual LANSA Framework

- Rapidly prototype commercial applications without coding
- MS Outlook-style user interface
- Framework Code Assistant
- Generate Web or Windows applications
- Optional RAMP tools for rapid modernization of legacy applications

Development Environment

- Independent or team
- Windows XP/Vista using Adaptive Server Anywhere, Microsoft SQL Server and Oracle

Deployment Platforms

- Deploy to single- or multi-tier System i, Windows, UNIX and Linux servers
- Use Windows XP/Vista clients

DBMS Support

- IBM DB2 on System i servers
- Sybase Adaptive Server Anywhere, Microsoft SQL Server and Oracle on Windows
- Oracle on UNIX and Linux

Standard LANSA Features

- Comprehensive portable HLL (RDMLX)
- Promptable syntax experts
- Programmable templates
- Portable distributed Object Repository
- Portable DB triggers and business rules
- Automatic screen generation
- Multilingual and DBCS
- Online client and remote server HLL debugger
- Internet development
- Configuration management