

TEKLYNX®

IDEAM™

SERVER

SETTING THE STANDARD



DATA COLLECTION APPLICATION
DEVELOPMENT SOFTWARE





IDEAM SERVER A Powerful New Hardware Independent Communications Server for Data Collection and Mobile Computing Solutions

TEKLYNX IDEAM SERVER is configurable, multi-tiered middleware server that is:

- A comprehensive communication interface to custom applications, data management systems and ERP Systems
- A powerful and easy to use Server for data collection and mobile computing applications
- A network administration platform to control and manage your data collection devices, bar code printers, and mobile computing platforms

IDEAM Server enables the easy integration of bar code data collection, mobile computing applications, and bar code label printing into enterprise wide applications. If your application requires speed and accuracy provided by the use of automatic ID data collection technology such as bar code and RFID scanning, and you need the flexibility that open system architectures provides, then the TEKLYNX IDEAM product line is the right choice for you.

The complete TEKLYNX IDEAM platform can be used for such applications as:

- Shop Floor Data Collection
- Warehouse Logistics
- Inventory Management
- Field Maintenance Management
- General Purpose Tracking
- Supply Chain Management
- Sales Force Automation

Now, with TEKLYNX IDEAM SERVER, developers can leverage the speed, flexibility, and ease of use of the complete IDEAM development environment to build powerful batch, wired, or wireless data collection functionality into their enterprise applications for a fraction of the time and cost.

IDEAM Administration Functions

IDEAM SERVER includes many useful utilities and function to aid in system configuration, system commissioning, and lifecycle maintenance.

Utilities include:

- Device network diagnostics screen showing status and activity of all units
- Device Properties Dialog
- Transaction Log Files
- Message Trace Tools

IDEAM Database Access

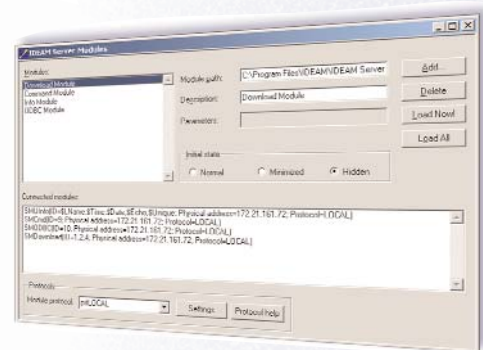
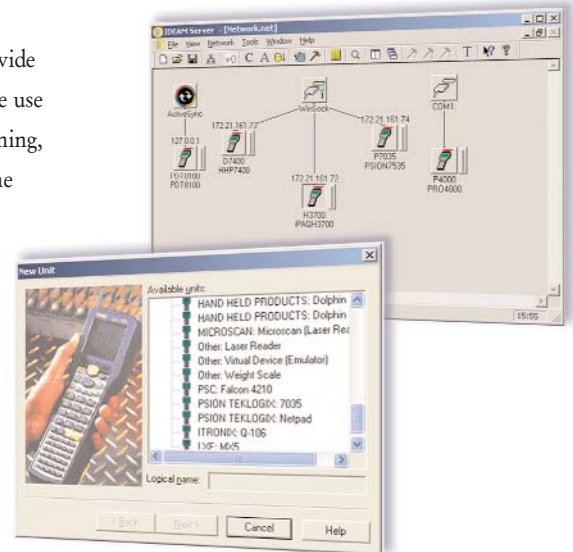
IDEAM SERVER provides request oriented access to local or remote databases for all connected data collection devices. IDEAM supports:

- Open systems interface via ODBC access and SQL statement execution provided by the IDEAM ODBC plug-in module
- DBase 4 and FoxPro 2.0 database with index file via the Database Manager

IDEAM Server Utilities

IDEAM SERVER provides a number of value added utilities that make the your data collection system perform in a productive and cost effective manner.

- Upload/Download—Maintain current program and data version in a single location and update your remote devices with the click of a button
- Data Access via DBase 4 and FoxPro 2 local databases, or connect to any local or remote database via ODBC
- Terminal Messages—Send and receive messages from data collection devices



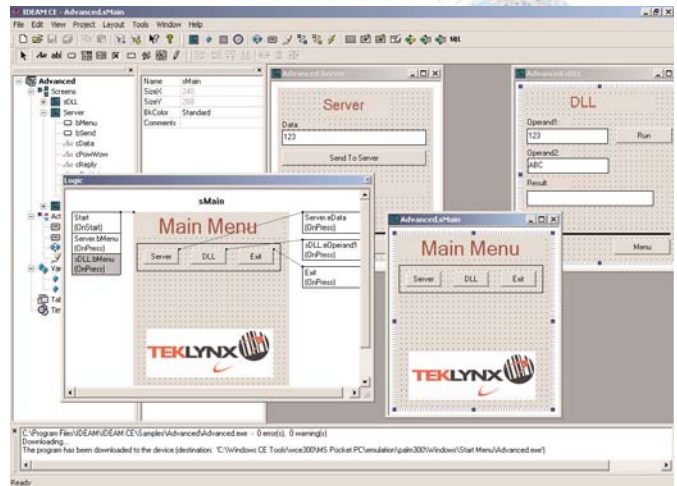


IDEAM CE - Device Independent Data Collection Application Development

IDEAM CE create device independent applications that target a large number of vendor device platforms. Developers can take advantage of specific vendor implementation details such as:

- WiFi
- Bar Code Scanners
- RFID
- Bar Code Imagers
- GSM/GPRS

without having to worry about complicated compiler settings and vendor interface library details. Just select the target processor and IDEAM enables your application with all the features available for that platform. Just build your application and download and run on the selected terminal.



Enterprise Integration with IDEAM ERP BRIDGE

The IDEAM ERP suite consists of IDEAM SERVER and an ERP Bridge Plug-in module. The ERP Bridge modules can communicate with ERP Systems using native transactions. The IDEAM platform supports such ERP Systems as SAP/R3 and Baan, using standard IDEAM transaction message interfaces.

Enterprise integration has never been so easy.



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