

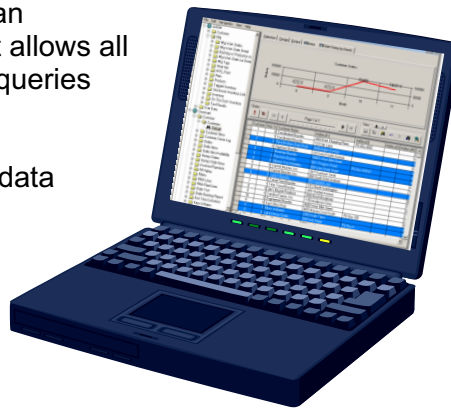
# Integral Enterprise Viewer™



## **CUSTOM REPORTS & QUERIES IN YOUR HANDS IN MINUTES ... NOT TOMORROW**

The Integral Enterprise Viewer (IEV) is an Enterprise Data Access application, that allows all users at your company to perform both queries and a variety of reports in real-time.

IEV allows you to combine the different data stores across the Enterprise – whether the data resides within the traditional four walls of your company or across multiple sites. These data stores include business systems, manufacturing systems, customer relationship management systems, eCommerce applications, and even “homegrown” data stores.



**Query**

**Web Access**

**Drill Down**

**Report**

**with flexible  
data security**

Because of IEV's centrally located data retrieval system, this data can be securely accessed from either the LAN client or in a Web browser on the internet (both clients are included with IEV).



IEV is designed to be used by all users in your company – whether they are executives or shop-floor workers. By giving access only where needed, IEV is secure, but is still completely customizable by the end-user, with very little training required.

IEV can also be used in an application integration capacity – with flexible client-side and server-side user-initiated scripting, the user can launch other data-aware applications; for example, launching a workflow based on data they have retrieved locally.

IEV comes with a host of pre-built inquiries that you can use right out of the box – and because of its native drill-down capability, all of the different areas of your system can be tightly integrated with IEV!



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**Integral Enterprise Viewer™ and Integral Enterprise DataBridge™ are members of the  
Integral Enterprise Data Access Series®**

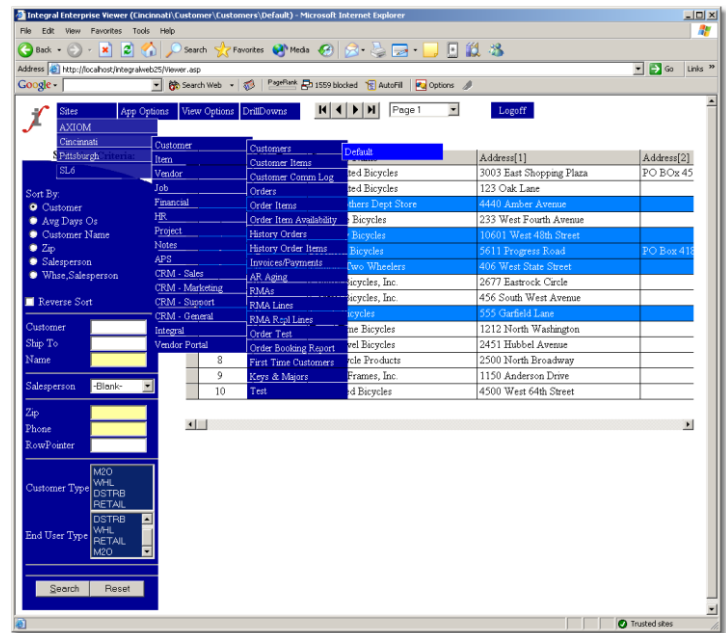
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## THE ISSUE: DATA FRAGMENTATION

Today's businesses are faced with the problem of locating and assimilating data easily and quickly to drive critical business decisions at all levels of the enterprise. In response to a growing need to integrate data from many different sources stored both locally and remote throughout the enterprise, a new breed of Enterprise Data Access tools were developed to address this data fragmentation problem.

Building upon the experience and success of our family of inquiry and reporting tools, Integral brings a new dimension to end-user tools, which addresses data fragmentation, and provides new levels of data integration. This feature rich product is built upon Microsoft technology and allows end-users to construct inquiries and report on data that exists in many different areas within the enterprise.

## Integral Enterprise Viewer Web Client

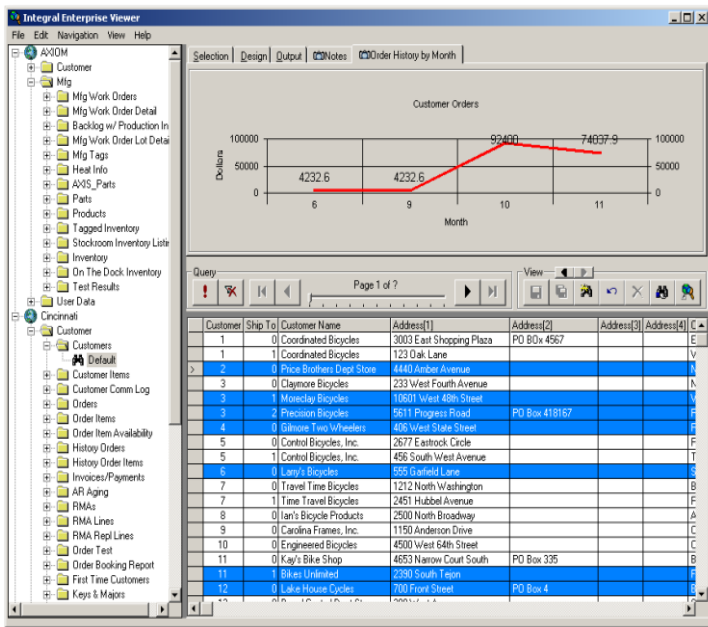


Integral Enterprise Viewer includes a powerful developer tool that permits end-users to construct and report on inquiries from any set of OLE DB accessible databases across an enterprise (including: Microsoft SQL Server, Oracle, Informix, Progress Access, DB2, other databases, Excel, Exchange, ASCII files, and other files). The deployment of this tool in your enterprise will vastly reduce the data fragmentation problem and increase the productivity needed to provide up-to-the-second information to drive business initiatives.

## FUNCTIONALITY OVERVIEW

- ◆ Integral Enterprise Viewer includes built-in inquiries, which covers the support of ERP systems, APS, CRM, and specialized applications. Supplementing these with your own custom inquiries from other data sources is a snap. Integral Enterprise Viewer works with MS SQL Server 7 or 2000, or the embedded MSDE engine. MSDE allows a small group of users to deploy Integral Enterprise Viewer without requiring the purchase of SQL Server.
- ◆ A powerful developer tool that permits development of inquiries from any set of OLE DB data sources across an enterprise (including MS SQL Server, Progress databases, other DB's, Access, Excel, Exchange, ASCII files, and more). An easy to use query-building tool is included; the user also has the option to build complex T-SQL programs to drive Integral Enterprise Viewer inquiries (these include T-SQL Stored Procedures, Views and User Defined Functions). Advanced Inquiry Management maintains history on changes and version information.
- ◆ Developers can define drill-down relationships between inquiries; permitting a user to access data under one inquiry to drill down into associated records in another inquiry (based upon related fields). For example, a user of Integral Enterprise Viewer could drill down from customers, to orders of that customer, to line items of an order, to jobs building the ordered item. These drill-downs can span databases and application systems. Integral Enterprise Viewer's built-in inquiries include drill-downs, both within and across various applications.
- ◆ Developers can permit users to specify search and select criteria based upon any of the fields included in an inquiry. Developers can also define as many sort criteria as they want, including multi-field sorts.

## Integral Enterprise Viewer LAN Client



- ◆ All Integral Enterprise Viewer inquiries can easily be made multi-site. Integral Enterprise Viewer's multi-site inquiries work properly, whether you have elected global or local options in your application. Furthermore, Integral Enterprise Viewer permits you to create multi-site inquiries across the breadth of the application, not just in those places where the application vendor has provided multi-site functionality. Also, you can combine existing inquiries equally – whether in the same site or not – to easily create summary / detail reports.

- ◆ End-users can quickly set and adjust sort and select criteria for an inquiry. They can also create and store multiple customized views, based upon the developer default view, which then can be shared with co-workers given security clearance. They can also choose which fields of the inquiry they

wish to include: the order, size, and format of the displays, and can include advanced features such as data-driven colorization and user-defined calculated fields. Finally, users can look at the data and explore it by drilling-down on related inquiries. They also can save or export the data they select to a printed report (Adobe™ PDF standard), an HTML file, an Excel spreadsheet, an e-mail message, a delimited text file (for importing into other applications), or a Crystal™ report.

- ◆ Users can create short-cuts from any view as LAN or web-shortcuts, for instant access later (without needing to first launch Integral Enterprise Viewer). These shortcuts also can be called for other user applications and serve as an excellent systems-integration tool for the user to utilize Integral Enterprise Viewer in building data bridges between their application islands.
- ◆ Data Snapshots further extend the end user's ability to analyze data providing text, form, grid and graph displays of the data. Integral provides the capability to copy the snapshot views to the clipboard for further manipulation and/or printing.
- ◆ External programs can be run from the IEV LAN or Web clients, via a script designed by the developer. IEV can then integrate with this application via COM or command-line parameters, based on the data that the end user has selected when they initiate the script. Examples are included on how these programs can send e-mail messages, launch workflows, call data adapters, call an API of another application, launch the application Window based on the current record, initiate a .NET SOAP/XML Web Service call, and more.

## Query - Web Access - Report - Drill Down

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