



The Astronomer
Vermeer, 1668

Improves productivity by providing consultants, analysts, and implementation engineers with the ability to interact with data from multiple sources within a single user interface.

InterAct2:

Desktop Integration Suite

HIGHLIGHTS

- ♦ Industry's first Internetwork data browser
- ♦ Simplifies data harvesting and analysis
- ♦ Promotes collaborative consulting
- ♦ Extensible functionality
- ♦ XML document driven architecture
- ♦ Directory and object services enabled

THE REQUIREMENTS

Consultants, network analysts, network integrators and operations personnel often require the ability to analyze and manipulate data from multiple network data sources, in order to troubleshoot complex network problems, improve network performance or integrate management applications for added value. Until now, there have been few tools

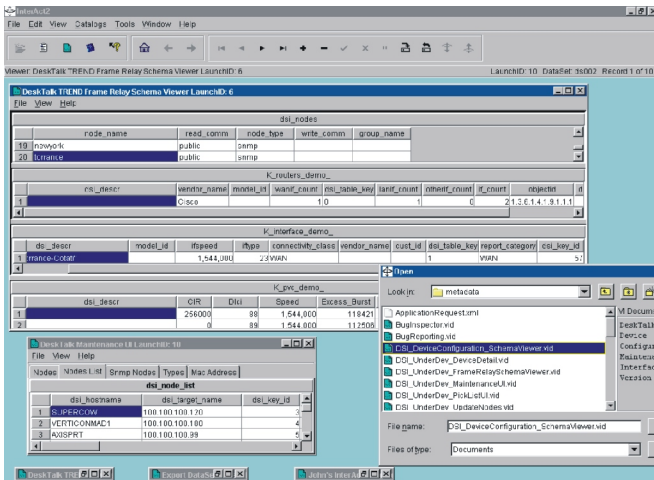
available capable of helping them with these complex tasks. This recognized need for an integration and analysis toolkit targeting network management applications applies in networks of all sizes and has long been neglected by software vendors.

Internetwork applications and their data are often distributed among several machines and may reside in geographically dispersed locations, sometimes in databases and sometimes in flat files, all of which increase the challenge analysts face to obtain the needed data. Additionally, network management API's are generally complex and often have unique structures and formats for storing, importing, and exporting their valuable data. Analysts with routine needs to extract, integrate, and analyze data from their client's network management applications have generally collected the data and analyzed it on an *ad hoc* basis, propagating non-standard approaches to their problems. In an effort to obtain and analyze data and to turn it into useful information, they often write scripts, craft visualization tools, and even build C or C++

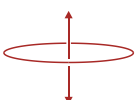
applications. However, these collections of scripts and user built tools are hard to manage, hard to share, and don't easily port to all required platforms, while C and C++ applications are even more difficult to write and to share. All these factors cause department and project budgets to increase, add time consuming bottlenecks and further limit network management productivity.

THE INTERACT2 APPROACH - CORE FUNCTIONALITY

The Desktop Integration Suite uses Verticon's InterAct2 infrastructure within a desktop application to provide analysts with the tools they need to work with data from multiple sources. Leveraging state of the art software components and document driven integration techniques, InterAct2 is built on a dynamic run time infrastructure. Its run



Multiple Applications in the Desktop



Verticon, Inc.
www.verticon.com

USER INTERFACE FEATURES

Data Worksheet for relational database, XML and flat file - Query and Update

Data Navigation Toolbar

Comprehensive Help

Metadata Visualizer

Logger/Debugger

InterAct2 ViDocument Online Help

HP NNM Event Schema Viewer Application

Objective: Provides raw view of the eleven tables in the event database.

Description: The DataModule in this document is composed of nine QueryDataSets. It obtains it's data from the following 11 tables:

- Event Category table (nmn_event_cat) Pairs the category number of the event with a test description.
- Event Severity table (nmn_event_sev) Pairs the severity code of the event with a test description.

time behavior is determined by integration specifications loaded from open and user accessible XML based integration documents. Coupled with a late binding model, the infrastructure provides the user with tools to build new documents or modify existing ones to extract data, process it to a common format, visualize it, manipulate it, persist it, export it or update it. InterAct2 also includes system and context sensitive help, including full text search, help contents and help index.

APPLICATIONS - EXTENDING THE ENVIRONMENT

Naturally, Verticon provides off the shelf solutions for particular management applications. Additionally, the Suite includes two structures to help users extend it for new applications: **Catalogs** of documents and data, built around a particular network management application; and **Projects**, oriented to organizing data and documents for a particular customer environment. Verticon also provides product training and professional services to help customers build those new applications, obtain quick results and help ensure a successful project.

THE BENEFITS

By providing purpose-built applications and a robust tool set to ease data access and integration tasks, the Suite frees valuable individuals from having to perform tedious, time consuming, and error prone tasks, allowing them to concentrate on other important work requiring their skills. By exchanging documents and data, they can better collaborate on project. Thus, the Suite is a major factor in improving their productivity. This is all accomplished without scripting or source code programming. Additionally, the suite includes an internetwork-aware archival facility, which means that users can capture large amounts of data, analyze it offline, send it to a support team, modify it and update the original data source, so...

With the Desktop Integration Suite, you CAN take it when you go!



INTERACT2 Desktop Integration Suite Technical Specifications

Operating Environment

Workstations with available JavaSoft 1.3 JRE (supplied with product)*
64 MB minimum memory, 128 MB recommended.

Data Extract/Update

Internetworked JDBC & ODBC compliant database tables and procedures;
Internetworked ASCII data files, XML documents, and JAR files.

Directory & Object Services

JNDI compliant directories,
JINI compliant network services.

Data Caching & Archiving

Data Archiving - JAR (Java Archive) platform-independent file format that aggregates many files into one;
Disk Based Data Persistence/Caching - Pure Java, no maintenance, mobile, object relational database management systems;
Memory Based Caching - all constructs, limited by workstation memory and page file sizes.

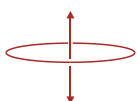
Scripting Support

XSLT
Jython

Distribution

Internet download

*Supports x86 hardware with Windows® 98, Windows NT® 4.0, Windows® 2000 Solaris™ 8 O/S, others may be requested



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