



VIZNET INFORMATION PORTAL 2008 WHAT'S NEW:

HIGHLIGHTS

- **Various performance improvements**
- **Various usability improvements**
- **Complete new implementation of the Visual Studio 2005 design tools and framework**
- **Many new vector features**
- **Internet Explorer support – run VIZNET IP in a browser**
- **Scripting and debugging support using Visual Studio 2005**
- **Additional tools for third party developers**
- **Intelligent clustering for better load sharing and connectivity to clients**
- **Various improvements and usability enhancements to the logic engine or “spider engine”**
- **MySQL Datasource**
- **New “behaviors”-like functionality to complement current Adroit skills**
- **Auto completion of database forms using wizards**
- **Completely overhauled database functionality**
- **Hasp licensing support**
- **New reporting (charts and grids) functionality to provide reporting on live and historical data**
- **Improved support for template graphics and aliasing**
- **Added new Framework 2 Toolbox controls**
- **Improved support for menu systems on the Graphic Forms (MenuStrip and ContextMenuStrip components)**



WHAT'S NEW IN VIZNET 2008

DETAILS:

Performance improvements include:

- Subscription update "grouping" per data source and per client resulting in lower CPU usage and improved response times.

Network related:

- Additional network parameters allowing for better flexibility where servers are running multiple network cards.
- Additional parameters allowing VIZNET to support VPN connections.
- Auto-Logoff for connected clients.

Usability improvements including:

- Separate login profiles: Create separate profiles for different server configurations without having to provide network address, username and password every time.
- Improved error reporting.
- Improved support for template graphic objects and aliases.
- New TemplateGONavToolbar control added which facilitates easy tie-ups of aliases and includes a customizable navigation toolbar for use with template graphic forms.

Visual Studio:

- Visual Studio 2005 integration along with the .NET Framework 2
- Full scripting and debugging support using Visual Studio

VIP Designer:

- New designer tools (snap lines/ smart (action tags)
- Toolbox enhancements – including Double Click-control creation
- Overview Content window has a bitmap representation of the design surface

Internet explorer:

- "One-touch deployment" – Download and run the VIZNET Operator from within Internet Explorer.

Spider engine:

- The ability to copy and paste spiders in the Spider Workspace.
- Additional keyboard shortcuts for standard functionality in the Spider Workspace.
- De-cluttering functionality in the Spider Workspace via Spider Regions.
- New Spider Grid workspace for bulk-editing, filtering, renaming and other tabular operations.
- New type conversion wizards on spider input and outputs.

Behaviors:

- Color, Display Value, Operator Action and Visibility behaviors available as smart-tags on controls.



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Clustering:

- In the event of one cluster partner being unavailable when a client attempts to login, an automatic round robin search will be initiated on the client to find the next available cluster partner.
- Intelligent clustering now enables clients to be aware of all server in cluster and switch over to cluster partner with the "least" load in the case of server failure.

Third party development:

- The Generic DSP libraries and samples offer third parties a quick entry point into data source development.
- Updates to the online WIKI (<http://viznet.xwiki.com>) provide various samples and discussions on different aspects of developing on the VIZNET platform.

Security related:

- Inactivity timeout period resulting in automatic logoff of connected user.

Licensing:

- Hasp licensing support built into VIZNET infrastructure and VIP Register application

Data Sources:

- The new Virtual Data Source offers grouping and collaboration between various data sources from within one data source.

Database:

- VIZNET now boasts a direct MySQL datasource connector.
- New database query wizards with support for easy wizard driven tasks for common database query types.
- New database query spider for quick and easy access to queries and stored procedures.
- Completely new data binder technology for use with data bases and windows controls allows support for Microsoft Data Binding across the LAN and Internet.
- Auto control generation linked to the new data binding functionality allowing for drag and drop creation of forms from database information.
- New advanced data base navigation toolbar for use by graphic forms to easily search, filter, navigate data returned from database.

Reporting:

- New reporting functionality to provide reporting on live and historical data. This includes the following five charting controls: Line Chart, Bar Chart, Column Chart, Pie Chart and XY-Plot Chart.
- Charting controls also reports data from the new data binder technology.



RELEASE NOTES:



VIP 2008 (3.0.0.0) – Known Issues:

- Previously linked Data Row Splitter spider outputs has to be re linked
- Creating a VIZNET DataBinder on a Graphic Form and closing that form in the VIP Designer will throw an exception – the form will still be saved and viewable in the VIP Operator
- VIZNET DataBinder cannot be used with a View.
- VIZNET DataBinder controls ordering not currently functioning.
- VIZNET Binding Navigator 'Move to First/Last Record in Page' navigates to 2nd and 2nd last record of page respectively.
- VIZNET Binding Navigator 'Move to First/Last Record in Database' not currently functioning.
- The new TemplateGO has Alias - DataElement linking issues when created using the smart tag wizard.
- ActiveX controls have the potential to crash graphic forms
- Applying an equals filter on a Boolean type column (in the spider list view) throws an exception.