

Feature		Notes
Data Visualization		
Graphical Chart Options	Extensive library of advanced 2D and 3D graphical chart options.	eSENSE Visualizers provide an extensive library of chart option types in both 2D and 3D to create great looking new ways of seeing and touching system data. All charting options allow drill-through navigation/links all in a standard SharePoint web part.
Mapping Visualizers	Bing Maps rendering	eSENSE Visualizers allow users to render information directly onto Bing Maps within SharePoint sites. With full drill-down, pan-zoom and 2D-3D capabilities, users can go “global to local” to view, analyze and act on business information by location or geography.
Grids	Standard data grids	Grids allow a number of advanced features such as export to Excel buttons, run time grouping, in-line filtering and multi-select links.
Hierarchical Grids	Advanced user interface options	Hierarchical grids allow master-detail layouts that are supported in a single web part.
Update Visualizers	“CRUD” support via Actions	eSENSE Visualizers provide the capability to update line of business information via SharePoint including the creation of new records. This also supports 3 rd party components to provide native read/write capability directly from SharePoint without programming.
Role Based Views	Each user sees data based on their SharePoint role	Allows the same entity to show different fields, formats, or rows based on the SharePoint role viewing the data.
Advanced Filters	Multiple run-time filtering options	eSENSE Visualizers support in-line or separate filters for choosing data. Advanced options such as filter locking, lookups and preset filters are also available. This allows for advanced user interfaces normally only available with custom code.
Robust Parameter Handling	Ability to pass parameters from query strings or from entry forms	Parameter handling provides for a large number of options to handle input from the user. eSENSE Visualizers support complex parameter entry options such as calendar/date inputs, lookup fields, etc. This allows for advanced user interfaces normally only available with custom code.
User Context Variables	Data can be customized to the SharePoint User ID	By using User Context, eSENSE Visualizers are able to pass information about the current user (email address, login name, etc.) to database queries allowing for extensive customization. This allows individuals to see “My Data” pages via database filters applied at run time.
Site Context Variables	Data can be retrieved based on the individual site using site context variables	Site context variables are available to pass parameters to queries based on a site id. For example, each customer may have their own site and pass their customer ID to queries based on these site variables.

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Management		
Security	Supports LOB credential encryption and multiple security models	Security can be implemented at the database or SharePoint role levels. Each entity/query can be explicitly defined to allow/disallow access by various SharePoint roles.
Multiple Environments (Production)	A single instance of an eSENSE entity can run against multiple SharePoint servers	A true enterprise solution, eSENSE Visualizers allow data integration across a number of SharePoint environments. Therefore a single entity can be securely re-used throughout the enterprise while being centrally maintained.
Multiple Environments (Development)	Administrators can easily switch between environments	An administrator with appropriate permissions can easily test changes in one environment before moving them to a new environment.
Entity Management	Ability to manage and categorize data queries	As the number of queries grow, the ability to control information including the query, formatting, field layouts, and other items becomes increasingly important. eSENSE Visualizers manage all this information with an easy to use interface.
Export	Export capabilities	eSENSE Visualizers provide the ability to export data in all popular formats (PDF, XLS, CSV, Office Open XML, and PNG) along with push technology to deliver content when away from the portal (i.e. Email, RSS, etc.).
Environments		
Support for all SharePoint Environments	Supports all SP 2003, 2007 & 2010 versions	eSENSE Visualizers V2.x support all SP 2003 and 2007 environments. eSENSE Visualizers V3.x support all SP 2007 and 2010 environments.
SharePoint 64-Bit	Support for 64-bit SharePoint installs	eSENSE Visualizers support 64-bit SharePoint environments which is increasingly critical to many of our customers... and required for 2010 versions of SharePoint.
Architecture		
Multi-tier architecture	Visualizers can be split among three tiers	A configuration tool runs as a Smart Client, the data tier can run on an application server and the Visualizer web parts run on the SharePoint server.
Multi-user Support	Architected for multiple developers, testers, and administrators	Multiple authorized users can access and change entities simultaneously without affecting the rest of the application.

For more information visit: www.nse.com

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