

Road Map

For Essential Studio 2012

Volume 3

Essential Studio User Interface Edition	3
ASP.NET	3
Essential Diagram for ASP.NET	3
ASP.NET MVC	3
Essential Diagram for ASP.NET MVC.....	3
WPF	3
Essential Grid for WPF	3
Essential Tools for WPF	4
Essential Chart for WPF	4
Essential Diagram for WPF	5
Essential Gantt for WPF	5
Silverlight.....	5
Essential Grid for Silverlight.....	5
Essential Tools for Silverlight.....	6
Essential Chart for Silverlight	6
Essential Gantt for Silverlight	7
Windows Forms.....	7
Essential Grid for Windows Forms	7
Essential Diagram for Windows Forms	7
Essential BI PivotGrid for Windows Forms.....	7
Essential Studio Reporting Edition	9
Essential DocIO.....	9
Essential PDF.....	9
Essential PDF Viewer	10
Essential Report Designer	10
Essential Report Viewer.....	11
Essential Report Writer	11
Essential XlsIO.....	11
Essential Studio Business Intelligence Edition	13
All BI Products	13
Essential BI Client for ASP.NET	13
Essential BI Grid for ASP.NET	13
Essential BI PivotGrid for Silverlight	14

Essential Studio User Interface Edition

[Essential Studio User Interface Edition](#) contains the most complete set of user-interface components on the market—including the best performing grid control in the industry, docking and menu frameworks, data-binding controls, and schedulers. With the visualizations found in Essential Chart, Gauge, and Diagram, data can be presented in more engaging, meaningful ways.

ASP.NET

Essential Diagram for ASP.NET

Grid and snap-to-grid

A grid that serves as a framework to which diagram objects can be affixed (snap to), allowing you to keep objects in the view properly aligned.

ASP.NET MVC

Essential Diagram for ASP.NET MVC

Client-server data synchronization

Synchronize data between the client and the server.

WPF

Essential Grid for WPF

Auto-populating columns

Columns that can be automatically populated based on the underlying column type.

Excel-like copying and filling for a series

The ability to copy and fill a series, similar to Excel.

Essential Grid for WPF

Undo-redo support	Support for undoing and redoing operations.
Deleting multiple rows	The ability to delete multiple, selected rows by simply pressing the DELETE key.
Tri-state sorting	Support for tri-state sorting in the GridTree control.
Auto-resizing with data template cells	Data-template cells with the ability to resize rows and columns to fit content.

Essential Tools for WPF

Rich text box images	The ability to export and import images, including base-64 images, in HTML and XAML formats.
Rich text box tables	Support for exporting and importing tables in HTML format.
Resizing columns in the property grid	The ability to resize columns in the property grid.
Resizing columns in the tree view	Automatic resizing for columns in a multicolumn tree view.
KeyTips in ribbons	KeyTip support for backstage items in the Ribbon control.
Ribbon serialization	Serializing the Ribbon control through an XML writer and binary formatter.
Docking manager float windows	Native float windows in the docking manager.

Essential Chart for WPF

Smart labels	Labels that arrange themselves logically, without overlapping, when a chart has a large number of points in a small area.
--------------	---

Essential Chart for WPF

Pie chart from a pie chart segment	An option that allows you to take data from one segment of a pie chart and view that data as a separate pie chart.
------------------------------------	--

Essential Diagram for WPF

Edge-to-edge connection	Support for making edge-to-edge connections between diagram shapes.
Neighborhood view of selected node	The ability to create a list of all the neighboring nodes around a selected node, which can be used to create a new diagram instance.
Displaying drawing guidelines	An advanced snap-to-grid option that indicates alignment with other diagram objects.
Tight-bounding box	A bounding box that will fit the form of a uniquely shaped node instead of simply encasing the node in a square or rectangle.

Essential Gantt for WPF

Current-time indicator	A time indicator that displays the current time in a Gantt chart.
Dynamic in-line items	Support for listening and refreshing a Gantt chart according to changes in in-line items.

Silverlight

Essential Grid for Silverlight

Auto-populating columns	Columns that can be automatically populated based on the underlying column type.
-------------------------	--

Essential Grid for Silverlight

Excel-like copying and filling for a series	The ability to copy and fill a series, similar to Excel.
Undo-redo support	Support for undoing and redoing operations.
Deleting multiple rows	The ability to delete multiple, selected rows by using the DELETE key.
Tri-state sorting	Support for tri-state sorting in the GridTree control.

Essential Tools for Silverlight

Rich text box images	The ability to export and import images, including base-64 images, in HTML and XAML formats.
Rich text box tables	Support for exporting and importing tables within a rich text box in HTML format.
Resizing columns in the property grid	The ability to resize columns in the property grid.

Essential Chart for Silverlight

Smart labels	Labels that arrange themselves logically, without overlapping, when a chart has a large number of points in a small area.
Pie chart from a pie chart segment	An option that allows you to take data from one segment of a pie chart and view that data as a separate pie chart.
Saving and printing	Support for saving a chart for later use and printing a chart in its current state.

Essential Gantt for Silverlight

Current-time indicator	A time indicator that displays the current time in a Gantt chart.
Dynamic in-line items	Support for listening and refreshing a Gantt chart according to changes in in-line items.

Windows Forms

Essential Grid for Windows Forms

SUBTOTAL function	Support for the SUBTOTAL function in the grid formula engine and the calculate engine.
Date and time library functions	Support for date and time library functions in the grid formula engine and calculate engine.
Math, trigonometric, information functions	Added support for mathematical, trigonometric, and information functions in the grid formula engine and calculate engine.
Highlighting row and column headers	The ability to highlight row and column headers for a selected cell.

Essential Diagram for Windows Forms

Interactive zooming	Center- and cursor-based zooming with support for scaling a diagram's x- and y-axes independently.
---------------------	--

Essential BI PivotGrid for Windows Forms

Pivot schema designer	Adds functionality to a pivot grid, such as the ability to drag fields between columns and rows, and add, remove, or rearrange fields.
-----------------------	--

Essential BI PivotGrid for Windows Forms

Serialization/deserialization	Support for the serialization or deserialization of the current state of a pivot grid.
Conditional formatting	Support added for conditional formatting in a pivot grid.
Exporting to Excel, Word, PDF	The ability to export a pivot grid to Word, Excel, or PDF formats.
Localization and hyperlinks for cells	Localization support and hyperlink support for all pivot grid cell types.

Essential Studio Reporting Edition

The only reporting solution you will ever need—with [Essential Studio Reporting Edition](#) you can create advanced reports with the WPF-based reporting solution or integrate document-based reporting (PDF, Excel, Word) into your Windows and web applications.

Essential DocIO	
Image border support	Enables image borders to be added in DocIO-generated documents.
File information block enhancements	Adds support for 2000–2007 file information blocks.
Keep with next and keep line together in .doc-to-PDF conversions	Preserves the KeepWithNext and KeepLineTogether properties of paragraphs in .doc-to-PDF conversions.
Table enhancements in .doc-to-PDF conversions	Improves table preservation in .doc-to-PDF conversion by efficiently handling the table layout process.

Essential PDF	
OCR support	Implements optical character recognition of scanned documents using the Tesseract engine.
Improved XPS to PDF conversion	Adds support for gradient brushes, opacity, and other features.
QR codes	Supports QR codes.
Improved merge/import of PDF documents	Effectively manages memory while merging and importing PDF documents.

Essential PDF Viewer

JBIG2Decode filter	Implements the JBIG2Decode filter.
ASCIIHEXDecode filter	Implements the ASCIIHEXDecode filter.
ASCII85Decode filter	Implements the ASCII85Decode filter.
Indexed color profiles	Adds support for indexed color profiles.
ICC color profiles	Adds support for ICC color profiles.
Embedded font enhancements	Adds profile support for other encodings in embedded fonts.

Essential Report Designer

Change chart type	Enables chart types to be switched on the fly as in Microsoft Report Builder.
Create and modify lists	Options to create and modify reports as lists.
Selection rectangle	Allows report items to be chosen using a selection rectangle.
Edit report items and reports	Provides editing options for report items and reports.
Reporting Server and 2008R2 reports	Adds support for Reporting Server and 2008R2 reports.
Object data source	Allows object data sources to be used.
Additional data source support	Enables the use of OLAP, XML, and SQL Azure data sources.
EMF Support	Supports EMF files (Windows Metafile) in Essential Report Designer for WPF.

Essential Report Viewer

EMF support	Supports EMF files (Windows Metafile) in Essential Report Viewer for WPF.
Multiple chart types	Allows multiple chart types to be displayed in a single chart area.

Essential Report Writer

PDF support	Export reports as PDFs.
Word and Excel export	Supports exporting reports as Word documents and Excel worksheets.

Essential XlsIO

Chart border implementation	Implements SideWall and Backwall properties for customizing chart borders.
Backward-compatible conditional formatting	Adds backward compatibility support to conditional formatting features.
Custom XML parts	Adds support for custom XML parts as in Microsoft Interop.
Draw pivot table in Excel-to-PDF conversion	Properly lays out pivot tables when converting from Excel to PDF.
Draw pivot table in worksheet-to-image conversion	Properly lays out pivot tables when converting from Excel to an image.
Multiple filter support in pivot tables	Enables multiple item filters in pivot tables.
Improved pivot table layout	Makes pivot table layouts more stable.

Essential XlsIO

AutoFit to column and number format properties

Enables AutoFit to column and number formats to be applied to pivot tables.

Essential Studio Business Intelligence Edition

With [Essential Studio Business Intelligence Edition](#), executive dashboards are a snap, and BI analysis can be integrated into your applications with ease. Controls such as Essential BI Chart, Grid, Gauge, and Client can be used to present key performance indicators fed by OLAP data.

All BI Products

MDX query binding with drill operations

Allows users to drill up and drill down in bound MDX queries.

Localization support for Silverlight controls

Adds localization support for all Silverlight BI controls.

Essential BI Client for ASP.NET

Customize hierarchies at UI level

Allows users to customize different dimensions at the UI level.

Edit calculated members at UI level

Allows users to create and modify calculated measures at the UI level.

Paging support for members in editor dialog box

Enables paging for members in the editor dialog box.

Essential BI Grid for ASP.NET

Dynamic drill-down support

Adds drill-down support that appends only additional requested data to the display.

Essential BI PivotGrid for Silverlight

Editing and updating support	Provides editing and updating support.
Schema designer	Implements a schema designer for pivot grids.