

Road Map for Essential Studio 2012 Volume 2



Essential Studio User Interface Edition	4
ASP.NET	4
Essential Diagram for ASP.NET.....	4
Essential Grid for ASP.NET	4
ASP.NET MVC	4
Essential Gauge for ASP.NET MVC	4
Essential Grid for ASP.NET MVC.....	4
Essential Schedule for ASP.NET MVC.....	5
Mobile MVC	5
Essential Chart for Mobile MVC.....	5
Essential Gauge for Mobile MVC	5
Essential Grid for Mobile MVC.....	5
Essential Tools for Mobile MVC	5
WPF	6
Essential Diagram for WPF.....	6
Essential Gantt for WPF	6
Essential Grid for WPF	7
Essential Spreadsheet for WPF	7
Essential Tools for WPF.....	7
Silverlight	8
Essential Chart for Silverlight	8
Essential Diagram for Silverlight	9
Essential Gantt for Silverlight.....	10
Essential Grid for Silverlight	10
Essential Spreadsheet for Silverlight.....	11
Essential Tools for Silverlight	11
Windows Forms	11
Essential Chart for Windows Forms	11
Essential Diagram for Windows Forms	12
Essential Grid for Windows Forms	12
Windows Phone	12
Essential Chart for Windows Phone.....	12

Essential Tools for Windows Phone	12
Essential Studio Reporting Edition	13
Essential DocIO	13
Essential PDF	13
Essential PDF Viewer	13
Essential Report Designer	14
Essential Report Viewer	14
Essential Report Writer	14
Essential XlsIO	14
Essential Studio Business Intelligence Edition	16
All ASP.NET BI Products	16
Essential BI Grid for ASP.NET	16
Essential BI PivotGrid for WPF and Silverlight	16

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 | Enables gridlines to be shown in the diagram page and provides an option for diagram elements to align with the nearest lines in a grid. |
| ToolTip improvements | Enables diagram ToolTips to feature multiple lines of text. |

Essential Grid for ASP.NET

- | | |
|------------------------------------|---|
| Client-side data processing | Allows data processing such as paging and sorting to be performed on the client side. |
| Virtual scrolling | Improves the performance of grid scrolling by loading cells on demand. |

ASP.NET MVC

Essential Gauge for ASP.NET MVC

- | | |
|--|---|
| Sub-gauge and numeric indicator | Allows sub-gauges and numeric indicators to be embedded inside a gauge. |
|--|---|

Essential Grid for ASP.NET MVC

- | | |
|------------------------------------|---|
| Group summary | Supports summaries in groups. |
| Group caption summary | Enables summaries in group captions. |
| Client-side data processing | Allows data processing such as paging and sorting to be performed on the client side. |

Syncfusion Road Map. Updated on March 6, 2012. Version 10.2.0.23 (2012 Volume 2). Subject to change.

Essential Schedule for ASP.NET MVC

Customize timeline view	Supports customization of the schedule timeline view.
All-day appointments	Allows a single appointment to occupy an entire day in a schedule.
Localization support	Allows the schedule UI to feature different languages.
Custom CSS support	Allows the schedule appearance to be customized with custom CSS.
Keyboard operation support	Allows the schedule to be navigated and altered through keyboard operations.
Appointment and remainder highlights	Changes the background color of the date picker for the days remaining until an appointment begins.
Appearance customization	Enables appointment appearances to be customized.

Mobile MVC

Essential Chart for Mobile MVC

Timeline mode	Provides a viewing mode for charts that is similar to zoom operations.
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Essential Gauge for Mobile MVC

Sub-gauge and numeric indicators	Allows sub-gauges and numeric indicators to be embedded inside a gauge.
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Essential Grid for Mobile MVC

Filtering support	Allows grid records to be filtered.
Grouping support	Allows grid records to be grouped.
Editing support	Allows grid records to be edited.

Essential Tools for Mobile MVC

Time picker	Implements a time picker so specific times can be selected.
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Essential Tools for Mobile MVC

Waiting pop-up	Implements a pop-up shape or text to show that a task is in progress.
Check box	Implements a check box for selecting items.
AutoComplete text box	Adds the AutoComplete feature to a text box to provide suggestions to the user.
Rich-text-box editor	Enables end users to visually edit and compose HTML content.
Scroll panel improvements	Improves the performance and functionality of the ScrollPanel control.

WPF

Essential Diagram for WPF

Zooming based on mouse position	Enables zoom actions to occur relative to the mouse position instead of the diagram origin.
Smooth zooming and panning	Enhances zooming and panning to operate smoothly with a simulated inertia effect.
Port visibility	Enables options to control the visibility of connection ports.
Node constraints	Restricts connecting the head or tail of a connector to a port.
Add connection ports at run time	Allows the addition of connection ports to nodes through mouse and keyboard operations.

Essential Gantt for WPF

Zooming support	Allows users to zoom in the chart area with the schedule scale adjusting accordingly.
Add and remove resources dynamically	Implements a UI to dynamically change task resource assignments.
Predecessor lag support	Allows users to specify the lag in the dependency relationships between tasks.

Essential Grid for WPF

DataTemplate support in GridTree control header style	Allows the DataTemplate class to be used in formatting header styles in the GridTree control.
Serialization support	Allows serialization of the GridTree control.
New property and event	Implements the SelectedRows property and the SelectionChanged event.
Update-mode property	Implements an update-mode property for the GridTree control.
Excel-like filtering	Implements Excel-like filtering in the GridData control.
Column chooser	Adds the column chooser feature to the GridTree control to allow management of visible columns.
Complex-property binding	Allows complex properties to be bound to the GridTree control.
Zooming function	Allows zooming in and out of the Grid control.

Essential Spreadsheet for WPF

Display and edit support for named ranges	Provides a UI to edit named ranges.
Read-only mode and header visibility	Enables spreadsheets to be set as read-only, and row and column header visibility to be toggled.
Copy and paste for relative references	Enables relative formula references to be copied and pasted.
Zooming	Allows zooming in and out of the Spreadsheet control.

Essential Tools for WPF

Docking manager	Implements the TabClosed event for docked windows.
ICustomTypeDescriptor in PropertyGrid control	Adds support for ICustomTypeDescriptor content in the PropertyGrid control.

Essential Tools for WPF

New date-time format in PropertyGrid control	Adds support to format dates as DD/MMM/YYYY in the PropertyGrid control.
Native float window	Implements a native float window in the docking manager.
Ribbon	Implements pin/unpin functionality in a backstage-type ribbon menu similar to the Recent tab in MS Word 2010.
Resize columns in PropertyGrid control	Allows columns in the PropertyGrid control to be resized.
Adorner customization in TreeView	Enables the drag adorner in the TreeView control to be customized.
Busy indicator	Implements a busy indicator for ongoing processes.
Transparent theme	Adds a “Transparent” theme to the skin manager.
Designer enhancement	Improves Visual Studio and Expression Blend designer functionality with Essential Tools components.

Silverlight

Essential Chart for Silverlight

Interactive cursor customization	Allows the appearance of the interactive cursor to be customized.
Range highlight and selection	Enables a chart range to be selected, highlighted, or both.
Data point highlight and selection	Enables a data point to be selected, highlighted, or both.
Multiple pie chart	Allows multiple pie charts in a single chart area.
Multicolor segments	Allows various colors to be applied to chart segments.
Legend visibility	Allows chart legend elements to be hidden, visible, or collapsed.
Panning support	Allows users to navigate the chart area through panning operations.
Scale break support	Allows a chart scale to feature a break to include outlying data.

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Essential Chart for Silverlight

Empty points	Enables charts to feature empty data points.
Sorting support	Allows chart data to be sorted.
Footer support	Enables a footer to be added to a chart area.
Tick customization	Provides properties to customize the stroke and length of tick lines.
Axis label positioning	Allows the position of axis labels to be customized.
Watermark support	Enables chart areas to feature a text or image watermark.
Alternative grid background	Provides different gridline options for the background of the chart area.
Smart label support	Enables chart series labels to automatically avoid overlapping.
Statistical and utility functions	Allows users to calculate basic statistical functions such as mean, median, standard deviation, etc., and utility functions such as normal and <i>t</i> -cumulative distributions.
More technical indicators	Provides more built-in technical indicators for financial charts.
Sparkline support	Implements small-sized, high-data-density information graphics.
TimeLine control	Allows users to navigate chart data by selecting specific time frames to be displayed in a chart.
Sync chart areas	Allows multiple chart areas to be aligned on a single primary axis.
Customizing multiple areas	Implements the <i>AreasPanel</i> property to allow layout customization for multiple chart areas.

Essential Diagram for Silverlight

Zooming based on mouse position	Zoom actions will occur relative to the mouse position instead of the diagram origin.
Smooth zooming and panning	Enhances zooming and panning to operate smoothly with a simulated inertia effect.
Blend add-in	Allows charts to be exported through Microsoft Expression Blend.

Essential Diagram for Silverlight

Port visibility	Enables options to control the visibility of connection ports.
Node constraints	Restricts connecting the head or tail of a connector to a port.
Adding connection ports at run time	Allows the addition of connection ports to nodes through mouse and keyboard operations.
Custom decorator shapes	Provides an option to define any path for a decorator shape.

Essential Gantt for Silverlight

Zoom support	Allows users to zoom in the chart area with the schedule scale adjusting accordingly.
Add and remove resources dynamically	Implements a UI to dynamically change task resource assignments.
Predecessor lag support	Allows users to specify the lag in the dependency relationships between tasks.

Essential Grid for Silverlight

DataTemplate support in GridTree control header style	Allows the use of the DataTemplate class in formatting header styles in the GridTree control.
Serialization support	Allows serialization of the GridTree control.
New property and event	Implements the SelectedRows property and the SelectionChanged event.
GridTree style manager	Supports the customization of the appearance and styles of the GridTree control with Microsoft Expression Blend 4.
Column chooser	Adds the column chooser feature to the GridTree control to allow management of visible columns.
Complex-property binding	Allows complex-property binding in the GridTree control.
Zooming function	Provides support for zooming in and out.

Essential Spreadsheet for Silverlight

Display and edit support for named ranges	Provides a UI to edit named ranges.
Read-only mode and header visibility	Enables spreadsheets to be set as read-only, and row and column header visibility to be toggled.
Copy and paste for relative references	Enables relative formula references to be copied and pasted.

Essential Tools for Silverlight

New skin	Adds a “Transparent” theme to the skin manager.
Designer enhancement	Improves Visual Studio and Expression Blend designer functionality with Essential Tools components.
Image support in HTML importing	Enables image support when importing HTML into the rich-text editor.
HTML table export and embedded images	Enables HTML tables to be exported and images to be embedded in the rich-text editor.
Scrolling in context menu	Enables scrolling support in the ContextMenuAdv control.
TreeView virtualization	Enables virtualization in the TreeView control.

Windows Forms

Essential Chart for Windows Forms

EPS chart enhancements	Allows chart text in EPS images to be edited and implements support for a gradient style.
Interactive cursor for chart area	Implements the interactive cursor feature for the chart area to show values where the cursor and data series intersect.

Essential Diagram for Windows Forms

In-place label editing	Enables labels to be edited by double-clicking them.
Interactive zoom	Enables users to use mouse operations to zoom in a diagram.

Essential Grid for Windows Forms

PivotGrid control	Implements an interactive pivot grid for cross-tabulating and managing data.
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Windows Phone

Essential Chart for Windows Phone

Negative axis	Enables a negative axis to be implemented in a chart to allow positive and negative values to be plotted together.
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Essential Tools for Windows Phone

Localization support	Allows Essential Tools for Windows Phone controls to be adapted to any language.
Color picker improvements	Adds RGB, HSV, and custom color palette support to the Color Picker control.
Toolbar improvements	Adds orientation options and docking support to the Toolbar control.
ToolTip improvements	Supports animations and different shapes for ToolTips.
Rich-text editor	Provides a rich-text editor control for WYSIWYG editing.
Mask-edit text box	Provides a mask-edit text box control for collecting user input.

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

Import content from Word documents	Supports adding content from Word documents similar to the MS Word copy-and-paste operation.
Allow read only	Provides a read-only option as a type of document protection.
Image borders	Preserves image borders set in Word documents.
Preserve text direction in .doc-to-PDF conversions	Maintains the text direction in a Word document when converting to PDF.
Preserve nested fields in RTF-to-.doc conversions	Maintains nested fields when converting RTF files to .doc files.
Content controls	Provides support for content controls.

Essential PDF

Improved merging and importing	Enhances merge and import functionality concerning document disposal.
Tagged PDF support	Supports tagged PDFs in HTML-to-PDF conversion.
Bar-code support in Silverlight	Adds support for bar codes in Essential PDF for Silverlight.

Essential PDF Viewer

CCITT fax decoded images	Supports rendering CCITT fax decoded images.
PNG and masked images	Supports rendering .png files and masked images.
Embedded fonts	Supports text rendering using embedded fonts.

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Essential Report Designer

Report item properties Enables users to edit report item properties similar to Microsoft Report Builder.

Essential Report Viewer

Document map Helps users view specific product details in a report by using bookmarks to navigate documents.

Expression support for report item properties Allows report item properties to be changed based on expressions.

Field value support in chart series expressions Allows chart properties behavior to be changed based on field value expressions in the data source.

Render controls inside Tablix cells Allows report controls to be rendered inside Tablix cells.

Aggregation function improvements Enhanced support for average and standard deviation functions.

Expression support in aggregate functions Provides expression support in aggregate functions.

Essential Report Writer

Excel and Word exporting Allows RDL and RDLC files to be exported to Word and Excel.

Essential XlsIO

Pivot-engine integration Allows run-time manipulation of pivot tables.

External connection settings Supports external connection settings in XLS format when resaving a worksheet using XlsIO.

Excel-to-PDF conversion enhancements Adds support for custom scaling, headers, and footers in Excel-to-PDF conversion.

Worksheet to image Exports a worksheet to an image format.

Automatic tick label spacing Enables automatic tick label spacing for chart axes.

Essential XlsIO

Rich-text chart elements	Allows rich-text chart elements to be created from scratch.
Resize chart elements	Allows a chart and its elements created in XlsIO to be resized.
Parsing and serialization support	Allows preserved chart elements to be parsed and serialized.
Group and ungroup charts	Allows charts to be grouped and ungrouped within a worksheet.
Parsing data validations in XML	Allows XML-format data validations to be manipulated.
SharePoint custom document properties	Adds support for document properties created by SharePoint.

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 ASP.NET BI Products

Localization support Enables localization for all ASP.NET business intelligence controls.

Essential BI Grid for ASP.NET

Handling expand and collapse operations programmatically Allows expand and collapse operations to be handled programmatically.

Essential BI PivotGrid for WPF and Silverlight

Header and value cell ToolTips Provides support for ToolTips to be added to header and value cells.

Sort by PivotComputationInfo items Allows pivot-grid data to be sorted by PivotComputationInfo items.