

Documentation for MegaTable .NET WinForms Control

Version 3.0

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1 Introduction

MegaTable .NET WinForms Control is a lite version of MegaGrid control, it revolutionizes presentation of tabular data by rendering them (i.e. airport arrivals and departures, train station schedules) in an artistic and stunning way. It is Industry's 1st grid control with non-rectangle layouts - quadrilateral, curve, and arrow.

 Yoho Airport Arrivals 6:12 July 15					
Time	From	Airline	Flight	Gate	Status
6:19	Paris		YY 281	B12	LANDED
6:26	Barcelona		ZZ 593	C29	LANDED
6:32	New York		VX 812	A82	DELAYED
6:43	Chicago		ZZ 156	C42	LANDED
6:46	London		YY 596	B63	ON TIME
7:01	Tokyo		YY 305	B47	ON TIME
7:12	Shanghai		VX 189	B38	ON TIME
7:23	Los Angeles		YY 702	A15	ON TIME
7:31	Madrid		VX 538	A61	ON TIME
7:43	Lisbon		ZZ 873	C45	CANCELLED
7:52	Calgary		YY 408	B51	ON TIME
8:01	Stockholm		ZZ 392	B73	DELAYED

Layout 1

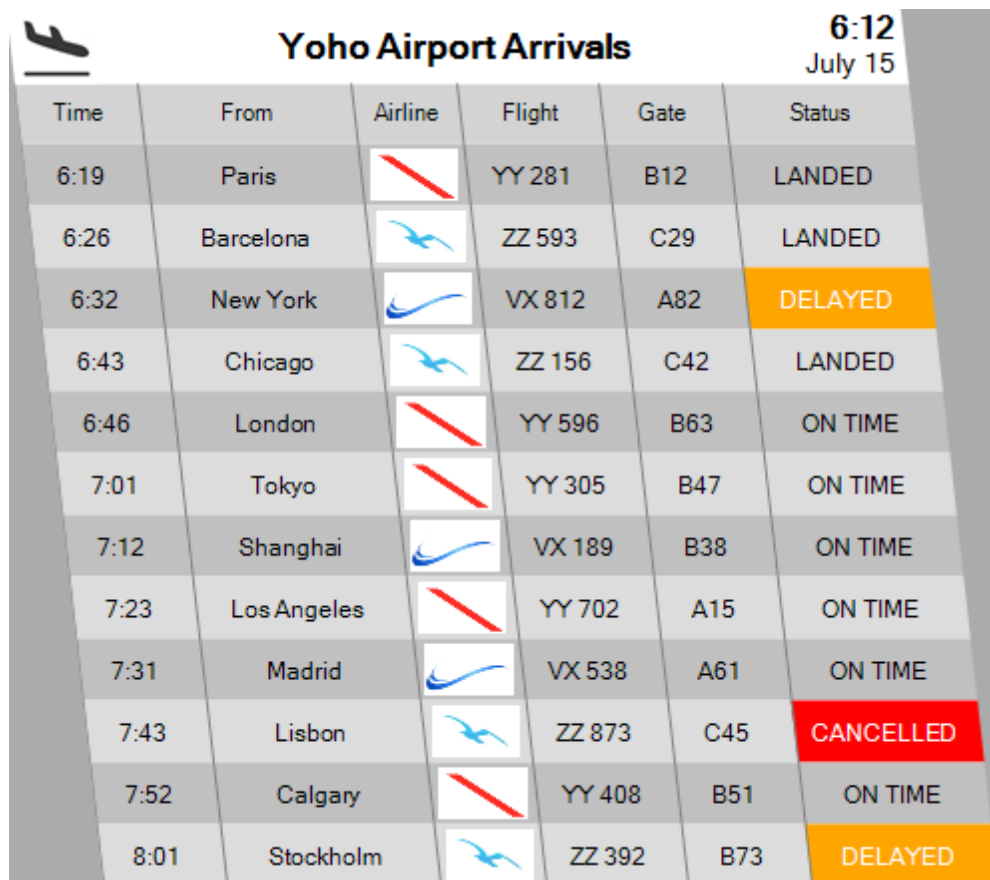


Yoho Airport Arrivals

6:12
July 15

Time	From	Airline	Flight	Gate	Status
6:19	Paris		YY 281	B12	LANDED
6:26	Barcelona		ZZ 593	C29	LANDED
6:32	New York		VX 812	A82	DELAYED
6:43	Chicago		ZZ 156	C42	LANDED
6:46	London		YY 596	B63	ON TIME
7:01	Tokyo		YY 305	B47	ON TIME
7:12	Shanghai		VX 189	B38	ON TIME
7:23	Los Angeles		YY 702	A15	ON TIME
7:31	Madrid		VX 538	A61	ON TIME
7:43	Lisbon		ZZ 873	C45	CANCELLED
7:52	Calgary		YY 408	B51	ON TIME
8:01	Stockholm		ZZ 392	B73	DELAYED

Layout 2



Yoho Airport Arrivals 6:12 July 15

Time	From	Airline	Flight	Gate	Status
6:19	Paris		YY 281	B12	LANDED
6:26	Barcelona		ZZ 593	C29	LANDED
6:32	New York		VX 812	A82	DELAYED
6:43	Chicago		ZZ 156	C42	LANDED
6:46	London		YY 596	B63	ON TIME
7:01	Tokyo		YY 305	B47	ON TIME
7:12	Shanghai		VX 189	B38	ON TIME
7:23	Los Angeles		YY 702	A15	ON TIME
7:31	Madrid		VX 538	A61	ON TIME
7:43	Lisbon		ZZ 873	C45	CANCELLED
7:52	Calgary		YY 408	B51	ON TIME
8:01	Stockholm		ZZ 392	B73	DELAYED

Layout 3



Yoho Airport Arrivals

6:12
July 15

Time	From	Airline	Flight	Gate	Status
6:19	Paris		YY 281	B12	LANDED
6:26	Barcelona		ZZ 593	C29	LANDED
6:32	New York		VX 812	A82	DELAYED
6:43	Chicago		ZZ 156	C42	LANDED
6:46	London		YY 596	B63	ON TIME
7:01	Tokyo		YY 305	B47	ON TIME
7:12	Shanghai		VX 189	B38	ON TIME
7:23	Los Angeles		YY 702	A15	ON TIME
7:31	Madrid		VX 538	A61	ON TIME
7:43	Lisbon		ZZ 873	C45	CANCELLED
7:52	Calgary		YY 408	B51	ON TIME
8:01	Stockholm		ZZ 392	B73	DELAYED

Layout 4

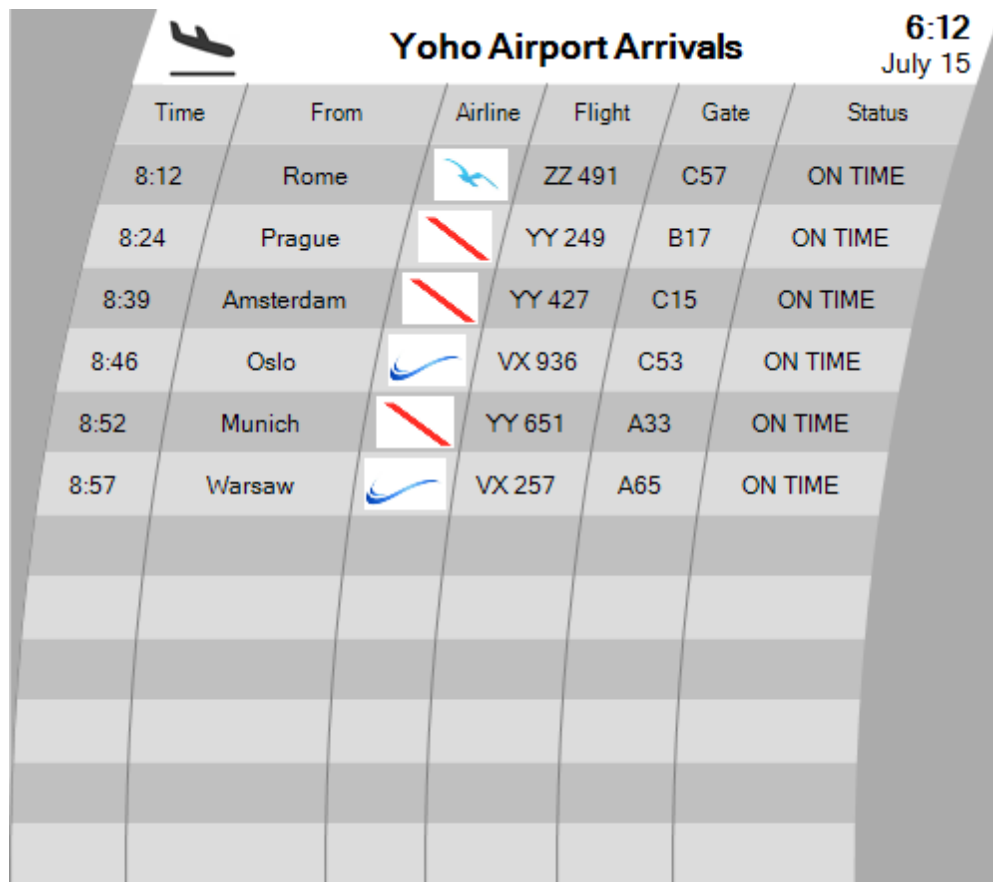


Yoho Airport Arrivals

6:12
July 15

Time	From	Airline	Flight	Gate	Status
6:19	Paris		YY 281	B12	LANDED
6:26	Barcelona		ZZ 593	C29	LANDED
6:32	New York		VX 812	A82	DELAYED
6:43	Chicago		ZZ 156	C42	LANDED
6:46	London		YY 596	B63	ON TIME
7:01	Tokyo		YY 305	B47	ON TIME
7:12	Shanghai		VX 189	B38	ON TIME
7:23	Los Angeles		YY 702	A15	ON TIME
7:31	Madrid		VX 538	A61	ON TIME
7:43	Lisbon		ZZ 873	C45	CANCELLED
7:52	Calgary		YY 408	B51	ON TIME
8:01	Stockholm		ZZ 392	B73	DELAYED

Layout 5



Yoho Airport Arrivals 6:12
July 15

Time	From	Airline	Flight	Gate	Status
8:12	Rome		ZZ 491	C57	ON TIME
8:24	Prague		YY 249	B17	ON TIME
8:39	Amsterdam		YY 427	C15	ON TIME
8:46	Oslo		VX 936	C53	ON TIME
8:52	Munich		YY 651	A33	ON TIME
8:57	Warsaw		VX 257	A65	ON TIME

Layout 6



Yoho Airport Arrivals

6:12
 July 15

Time	From	Airline	Flight	Gate	Status
6:19	Paris		YY 281	B12	LANDED
6:26	Barcelona		ZZ 593	C29	LANDED
6:32	New York		VX 812	A82	DELAYED
6:43	Chicago		ZZ 156	C42	LANDED
6:46	London		YY 596	B63	ON TIME
7:01	Tokyo		YY 305	B47	ON TIME
7:12	Shanghai		VX 189	B38	ON TIME
7:23	Los Angeles		YY 702	A15	ON TIME
7:31	Madrid		VX 538	A61	ON TIME
7:43	Lisbon		ZZ 873	C45	CANCELLED
7:52	Calgary		YY 408	B51	ON TIME
8:01	Stockholm		ZZ 392	B73	DELAYED

Layout 7



Yoho Airport Arrivals

6:12
July 15

Time	From	Airline	Flight	Gate	Status
6:19	Paris		YY 281	B12	LANDED
6:26	Barcelona		ZZ 593	C29	LANDED
6:32	New York		VX 812	A82	DELAYED
6:43	Chicago		ZZ 156	C42	LANDED
6:46	London		YY 596	B63	ON TIME
7:01	Tokyo		YY 305	B47	ON TIME
7:12	Shanghai		VX 189	B38	ON TIME
7:23	Los Angeles		YY 702	A15	ON TIME
7:31	Madrid		VX 538	A61	ON TIME
7:43	Lisbon		ZZ 873	C45	CANCELLED
7:52	Calgary		YY 408	B51	ON TIME
8:01	Stockholm		ZZ 392	B73	DELAYED

Layout 8



Yoho Airport Departures

6:12
July 15

Time	Destination	Airline	Flight	Gate	Status
6:11	New York		YY 207	A59	DELAYED
6:28	London		VX 132	C79	BOARDING
6:33	Paris		ZZ 493	B68	BOARDING
6:45	Chicago		YY 802	C31	BOARDING
6:51	Tokyo		VX 558	B91	ON TIME
7:05	Shanghai		YY 194	C83	ON TIME
7:15	Barcelona		YY 805	C75	ON TIME
7:21	Los Angeles		VX 291	A56	CANCELLED
7:33	Madrid		YY 507	C61	ON TIME
7:41	Lisbon		YY 206	A55	ON TIME
7:56	Calgary		ZZ 361	C67	ON TIME
8:04	Stockholm		VX 875	B29	DELAYED

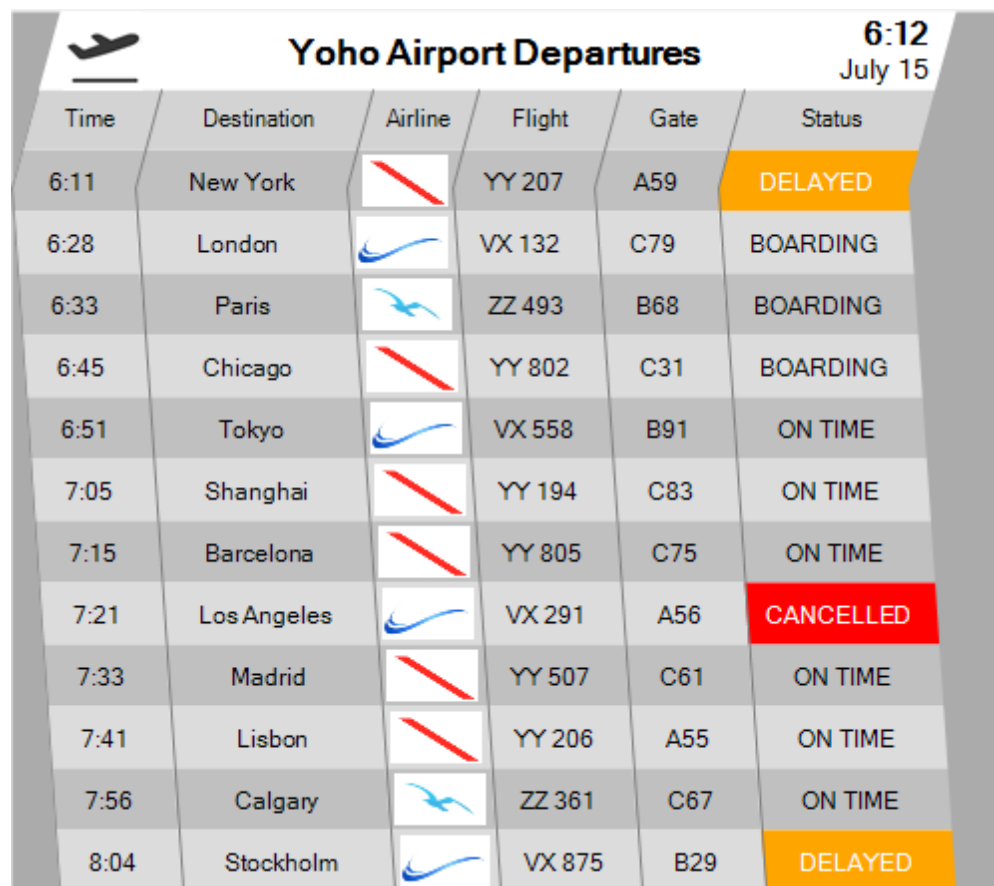
Layout 9

Yoho Airport Departures					
6:12 July 15					
Time	Destination	Airline	Flight	Gate	Status
6:11	New York		YY 207	A59	DELAYED
6:28	London		VX 132	C79	BOARDING
6:33	Paris		ZZ 493	B68	BOARDING
6:45	Chicago		YY 802	C31	BOARDING
6:51	Tokyo		VX 558	B91	ON TIME
7:05	Shanghai		YY 194	C83	ON TIME
7:15	Barcelona		YY 805	C75	ON TIME
7:21	Los Angeles		VX 291	A56	CANCELLED
7:33	Madrid		YY 507	C61	ON TIME
7:41	Lisbon		YY 206	A55	ON TIME
7:56	Calgary		ZZ 361	C67	ON TIME
8:04	Stockholm		VX 875	B29	DELAYED

Layout 10

 Yoho Airport Departures 6:12 July 15					
Time	Destination	Airline	Flight	Gate	Status
6:11	New York		YY 207	A59	DELAYED
6:28	London		VX 132	C79	BOARDING
6:33	Paris		ZZ 493	B68	BOARDING
6:45	Chicago		YY 802	C31	BOARDING
6:51	Tokyo		VX 558	B91	ON TIME
7:05	Shanghai		YY 194	C83	ON TIME
7:15	Barcelona		YY 805	C75	ON TIME
7:21	Los Angeles		VX 291	A56	CANCELLED
7:33	Madrid		YY 507	C61	ON TIME
7:41	Lisbon		YY 206	A55	ON TIME
7:56	Calgary		ZZ 361	C67	ON TIME
8:04	Stockholm		VX 875	B29	DELAYED

Layout 11



The image shows a digital display for 'Yoho Airport Departures'. At the top left is an airplane icon. The title 'Yoho Airport Departures' is centered at the top. To the right of the title, the time '6:12' and date 'July 15' are displayed. Below the title is a table with six columns: Time, Destination, Airline, Flight, Gate, and Status. The table contains 12 rows of flight data. The 'Status' column has three distinct background colors: yellow for 'DELAYED', white for 'BOARDING' and 'ON TIME', and red for 'CANCELLED'. The 'Airline' column uses icons: a red diagonal line for YY, a blue checkmark for VX, and a blue bird for ZZ.

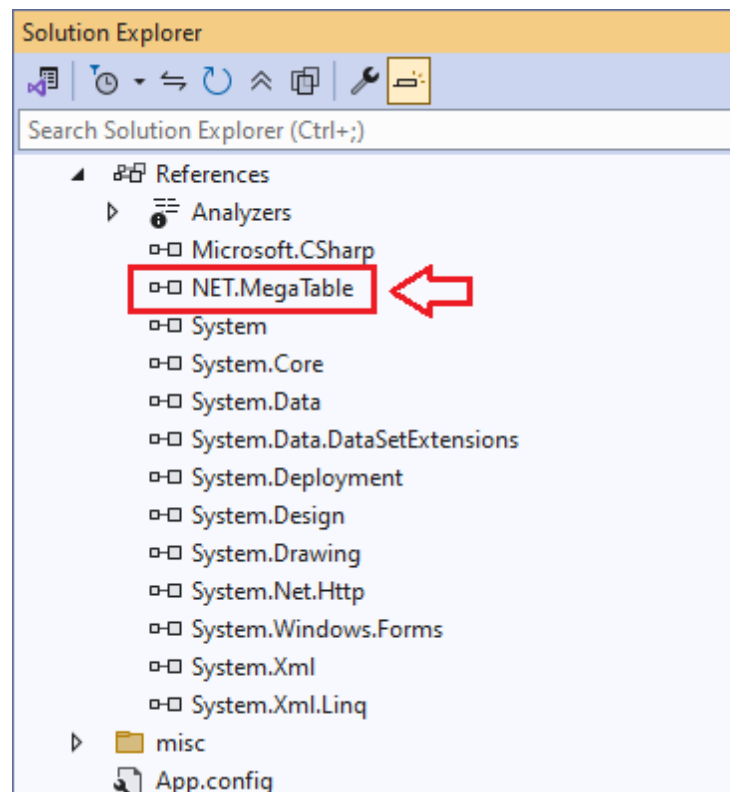
Time	Destination	Airline	Flight	Gate	Status
6:11	New York		YY 207	A59	DELAYED
6:28	London		VX 132	C79	BOARDING
6:33	Paris		ZZ 493	B68	BOARDING
6:45	Chicago		YY 802	C31	BOARDING
6:51	Tokyo		VX 558	B91	ON TIME
7:05	Shanghai		YY 194	C83	ON TIME
7:15	Barcelona		YY 805	C75	ON TIME
7:21	Los Angeles		VX 291	A56	CANCELLED
7:33	Madrid		YY 507	C61	ON TIME
7:41	Lisbon		YY 206	A55	ON TIME
7:56	Calgary		ZZ 361	C67	ON TIME
8:04	Stockholm		VX 875	B29	DELAYED

Layout 12

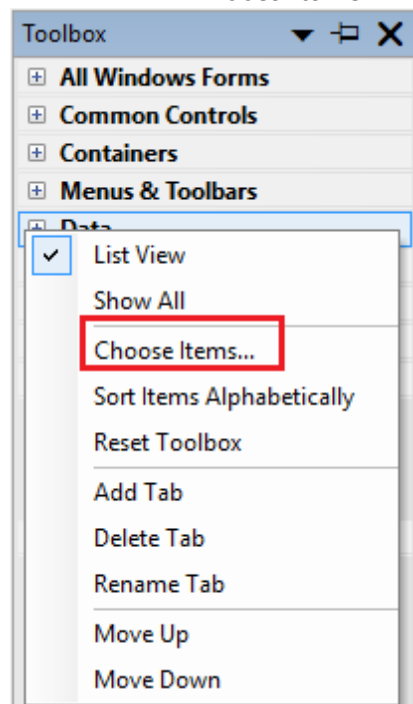
2 Installation

2.1 Trial Version

1. Unzip MegaTableNet.zip and extract all files to a local folder.
2. Locate and copy **NET.MegaTable.dll** to a folder beyond your project folder and its sub folders.
3. Add reference to **NET.MegaTable.dll** in your project.

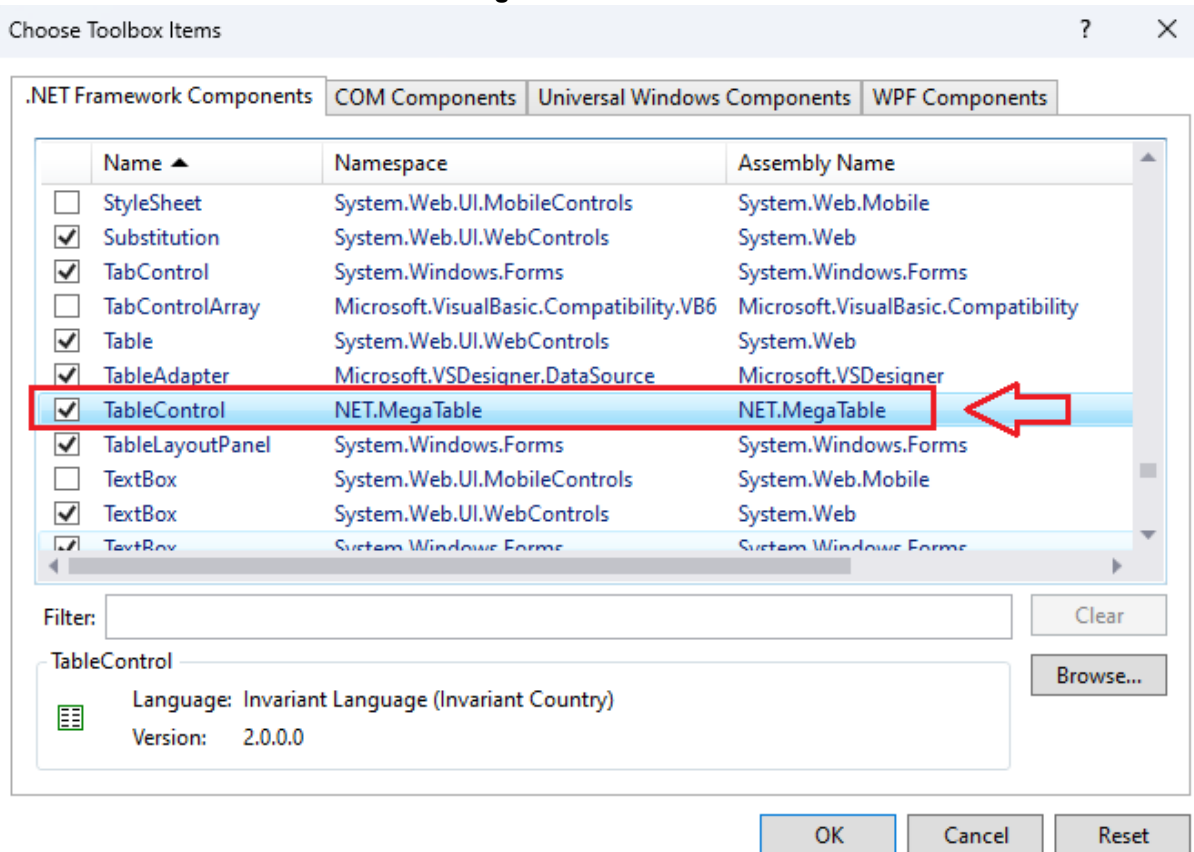


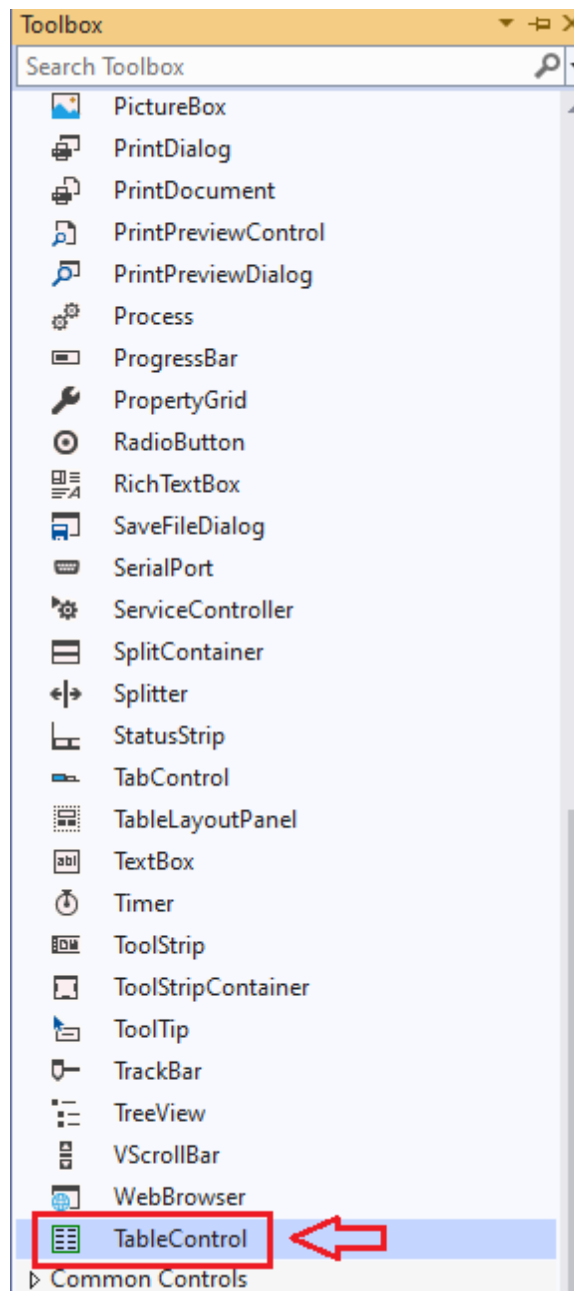
4. Right click anywhere on the Toolbox to select "**Choose Items...**".



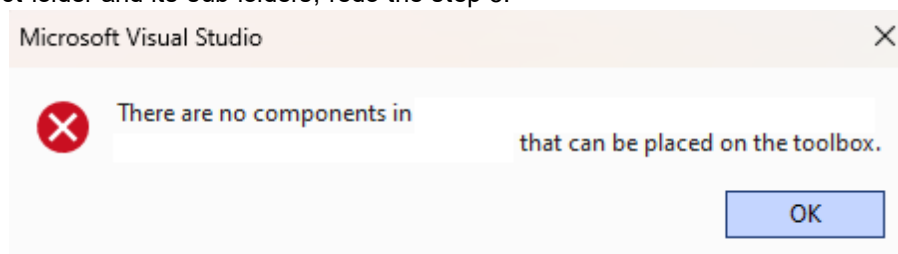
5. In the "**Choose Toolbox Items**" dialog, select the ".NET Framework Components" tab, click on

the **"Browse"** button and select **NET.MegaTable.dll**.

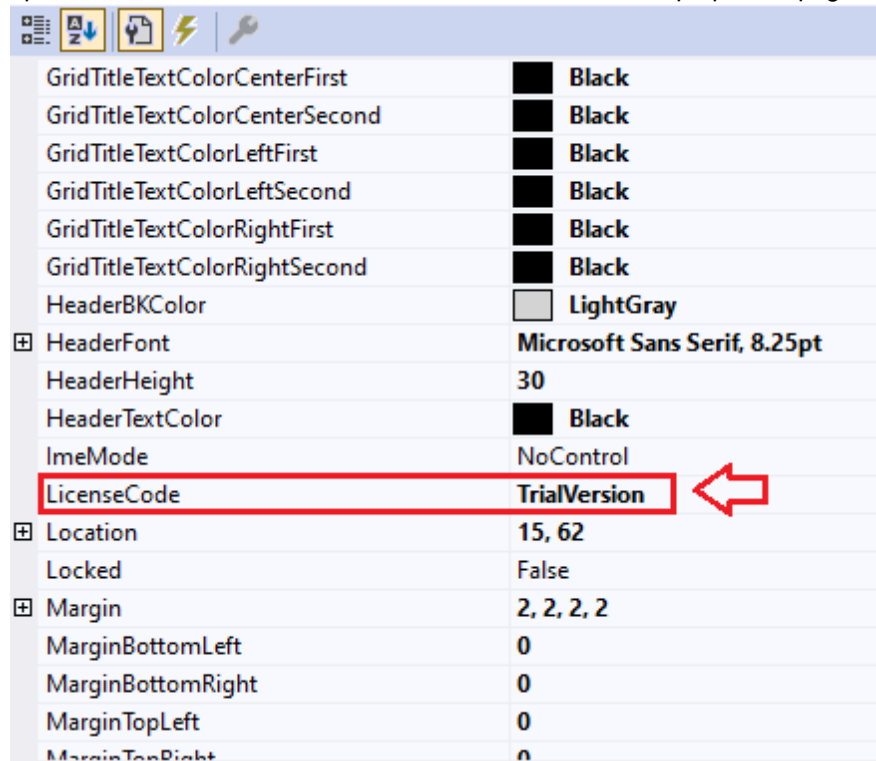




6. If the above step fails and you are prompted with the message below, probably **NET.MegaTable.dll** is **located within your project folder or its sub folders**. Relocate it to somewhere else beyond your project folder and its sub folders, redo the step 5.



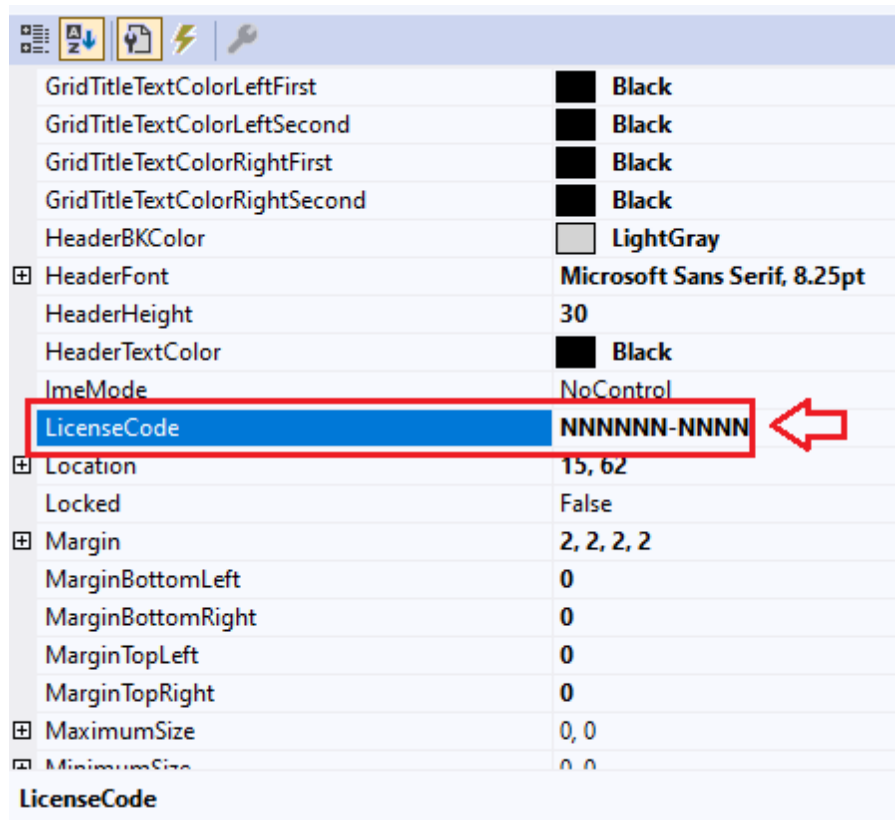
7. Drag and drop the control onto a Windows Form, a screenshot of the properties page is listed below:



8. The text of 1st non-image cell of 1st row (if applicable) shows as "Demo" to override original text. The full version doesn't come with such overriding.

2.2 Full Version

1. Use the full version copy of **NET.MegaTable.dll** to replace the trial version .dll file.
2. Enter a 10-digit license code with the format NNNNNN-NNNN into the **LicenseCode** property of the grid control to activate the control.



3 Reference Guide

Here we only list the properties, methods, events, and enumerations that are specific to MegaGrid .NET control.

For all other ones that inherit from .NET UserControl class, please check out Microsoft MSDN website for more information.

3.1 Properties

3.1.1 ArchHeight

Gets or sets the height in pixels of arch in the curved layout.

[Visual Basic .NET]

Public Property ArchHeight As Integer

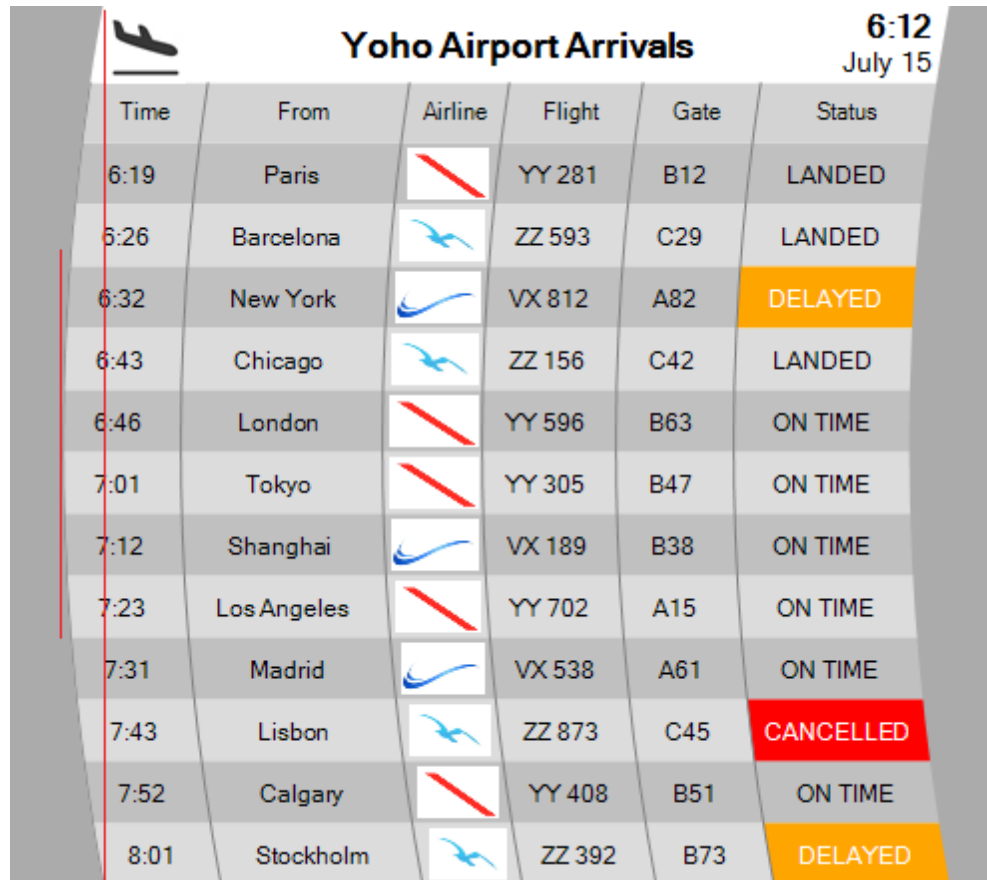
[C#]

public int ArchHeight {get; set;}

Remarks

The default value is 10 and the minimal value is 5, and this property becomes irrelevant if the [GridLayout](#) property is neither Lake_Geneva nor Lake_Saimaa.

In the screenshot below, this value determines the distance between 2 red lines.



Time	From	Airline	Flight	Gate	Status
6:19	Paris		YY 281	B12	LANDED
6:26	Barcelona		ZZ 593	C29	LANDED
6:32	New York		VX 812	A82	DELAYED
6:43	Chicago		ZZ 156	C42	LANDED
6:46	London		YY 596	B63	ON TIME
7:01	Tokyo		YY 305	B47	ON TIME
7:12	Shanghai		VX 189	B38	ON TIME
7:23	Los Angeles		YY 702	A15	ON TIME
7:31	Madrid		VX 538	A61	ON TIME
7:43	Lisbon		ZZ 873	C45	CANCELLED
7:52	Calgary		YY 408	B51	ON TIME
8:01	Stockholm		ZZ 392	B73	DELAYED

3.1.2 BulgePointLocationRatio

Gets or sets the bulge point's vertical position, in percentage relative to the grid's height, in the arrow layout.

[Visual Basic .NET]

Public Property BulgePointLocationRatio As Float

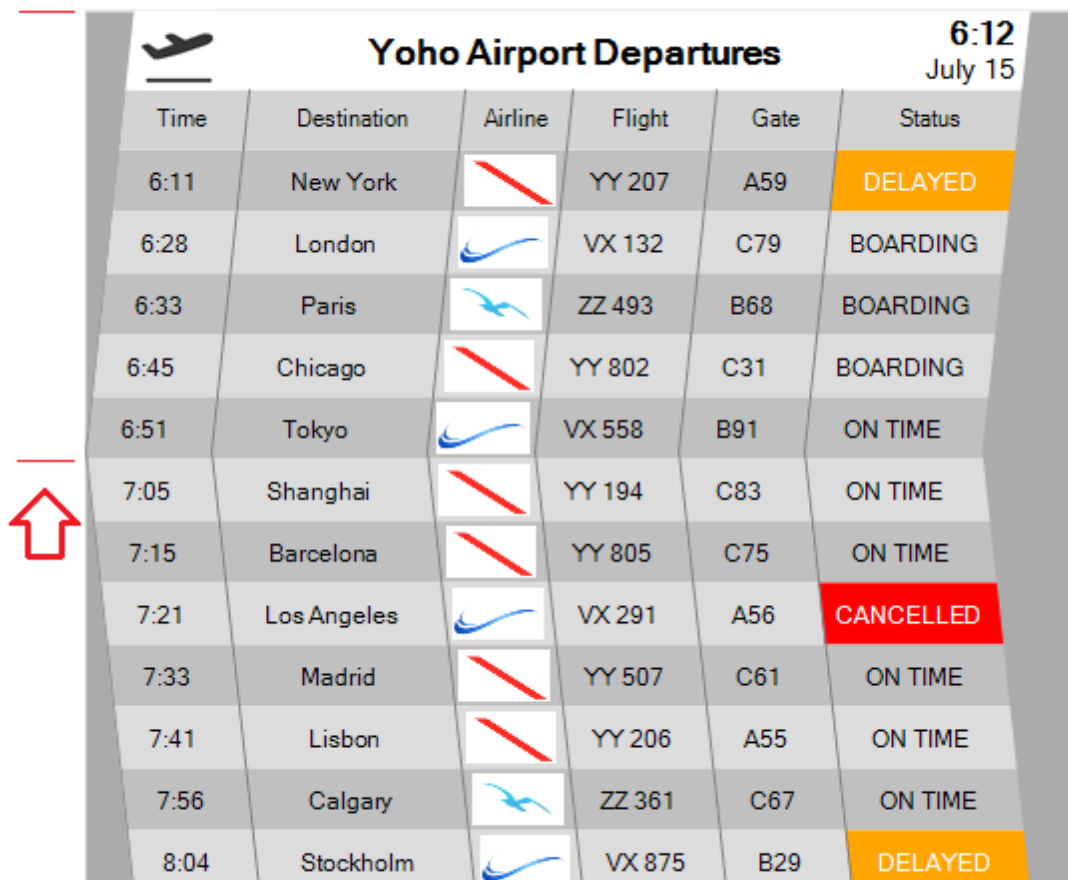
[C#]

public float BulgePointLocationRatio {get; set;}

Remarks

The default value is 50 and a valid value must be between 10 and 90, and this property becomes irrelevant if the [GridLayout](#) property is neither Moraine_Lake nor Plitvice_Lakes.

In the screenshot below, this value determines the distance between 2 red lines.



Time	Destination	Airline	Flight	Gate	Status
6:11	New York		YY 207	A59	DELAYED
6:28	London		VX 132	C79	BOARDING
6:33	Paris		ZZ 493	B68	BOARDING
6:45	Chicago		YY 802	C31	BOARDING
6:51	Tokyo		VX 558	B91	ON TIME
7:05	Shanghai		YY 194	C83	ON TIME
7:15	Barcelona		YY 805	C75	ON TIME
7:21	Los Angeles		VX 291	A56	CANCELLED
7:33	Madrid		YY 507	C61	ON TIME
7:41	Lisbon		YY 206	A55	ON TIME
7:56	Calgary		ZZ 361	C67	ON TIME
8:04	Stockholm		VX 875	B29	DELAYED

3.1.3 BulgeSizeRatio

Gets or sets the bulge point's horizontal position in the arrow layout.

[Visual Basic .NET]

Public Property BulgeSizeRatio As Float

[C#]

public float BulgeSizeRatio {get; set;}

Remarks

The default value is 10 and a valid value must be between 1 and 30, and this property becomes irrelevant if the [GridLayoutout](#) property is neither Moraine_Lake nor Plitvice_Lakes.

In the screenshot below, this value - in percentage relative to the grid's width - determines the distance between 2 red lines

3.1.4 Columns

Gets or sets the settings of the columns for the grid control.

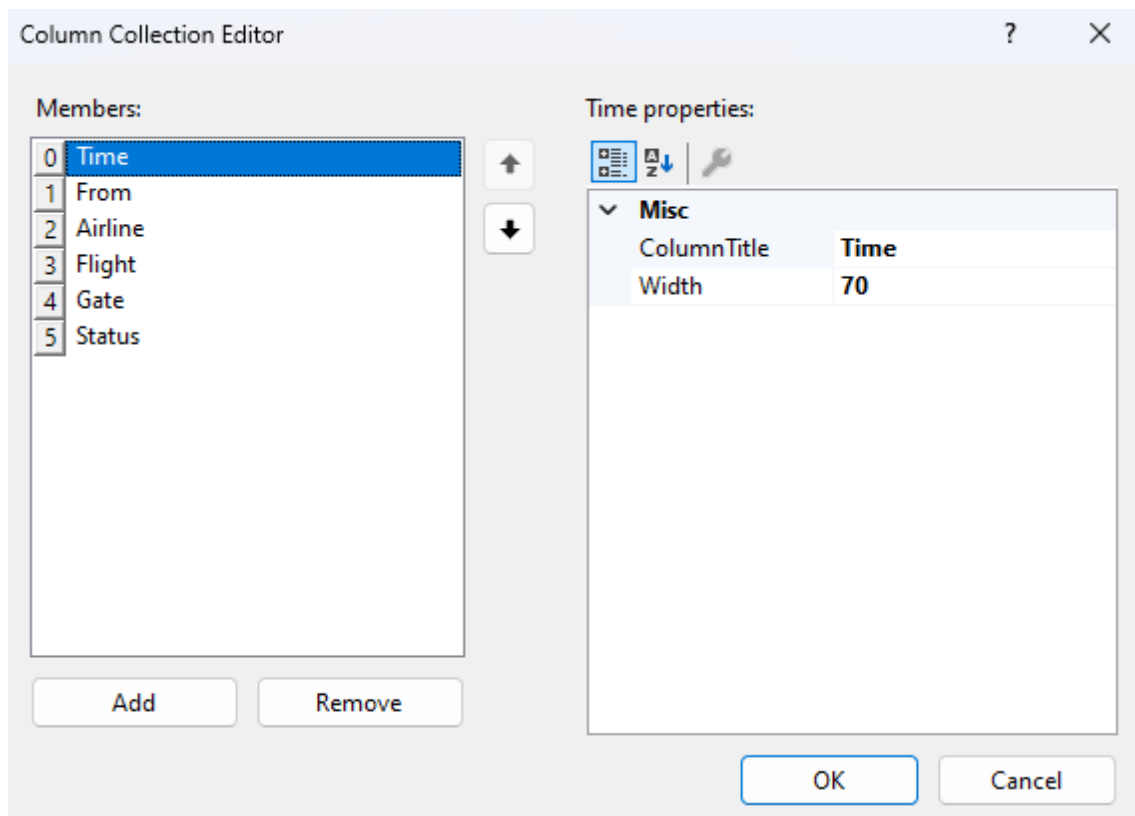
[Visual Basic .NET]

Public Property Columns As System.Collections.CollectionBase

[C#]

public System.Collections.CollectionBase Columns {get; set;}

Remarks



From the screenshot above, you can see that each column has the following fields:

1. **ColumnTitle** specifies the title of the column header.
2. **Width** specifies the width in pixels of the column.

3.1.5 GridBackColor

Gets or sets the background color of the grid.

[Visual Basic .NET]

Public Property GridBackColor As Color

[C#]

public Color GridBackColor {get; set;}

3.1.6 GridIconBeforeTitle

Gets or sets a boolean flag indicating whether the icon is placed before the title (left, center, or right).

[Visual Basic .NET]

Public Property GridIconBeforeTitle As Boolean

[C#]

```
public bool GridIconBeforeTitle {get; set;}
```

Remarks

The default value is FALSE.

3.1.7 GridIconCenter

Gets or sets the icon image (center).

[Visual Basic .NET]

Public Property GridIconCenter As Image

[C#]

```
public Image GridIconCenter {get; set;}
```

3.1.8 GridIconHeightCenter

Gets or sets the height in pixels for the icon image (center).

[Visual Basic .NET]

Public Property GridIconHeightCenter As Integer

[C#]

```
public int GridIconHeightCenter {get; set;}
```

Remarks

The default value is 0.

3.1.9 GridIconHeightLeft

Gets or sets the height in pixels for the icon image (left).

[Visual Basic .NET]

Public Property GridIconHeightLeft As Integer

[C#]

```
public int GridIconHeightLeft {get; set;}
```

Remarks

The default value is 0, it specifies the height of rectangle where the icon image (left) is rendered.

  Yoho Airport Arrivals 6:12 July 15					
Time	From	Airline	Flight	Gate	Status
6:19	Paris		YY 281	B12	LANDED
6:26	Barcelona		ZZ 593	C29	LANDED
6:32	New York		VX 812	A82	DELAYED
6:43	Chicago		ZZ 156	C42	LANDED
6:46	London		YY 596	B63	ON TIME
7:01	Tokyo		YY 305	B47	ON TIME
7:12	Shanghai		VX 189	B38	ON TIME
7:23	Los Angeles		YY 702	A15	ON TIME
7:31	Madrid		VX 538	A61	ON TIME
7:43	Lisbon		ZZ 873	C45	CANCELLED
7:52	Calgary		YY 408	B51	ON TIME
8:01	Stockholm		ZZ 392	B73	DELAYED

3.1.10 GridIconHeightRight

Gets or sets the height in pixels for the icon image (right).

[Visual Basic .NET]

Public Property GridIconHeightRight As Integer

[C#]

```
public int GridIconHeightRight {get; set;}
```

Remarks

The default value is 0.

3.1.11 GridIconLeft

Gets or sets the icon image (left).

[Visual Basic .NET]

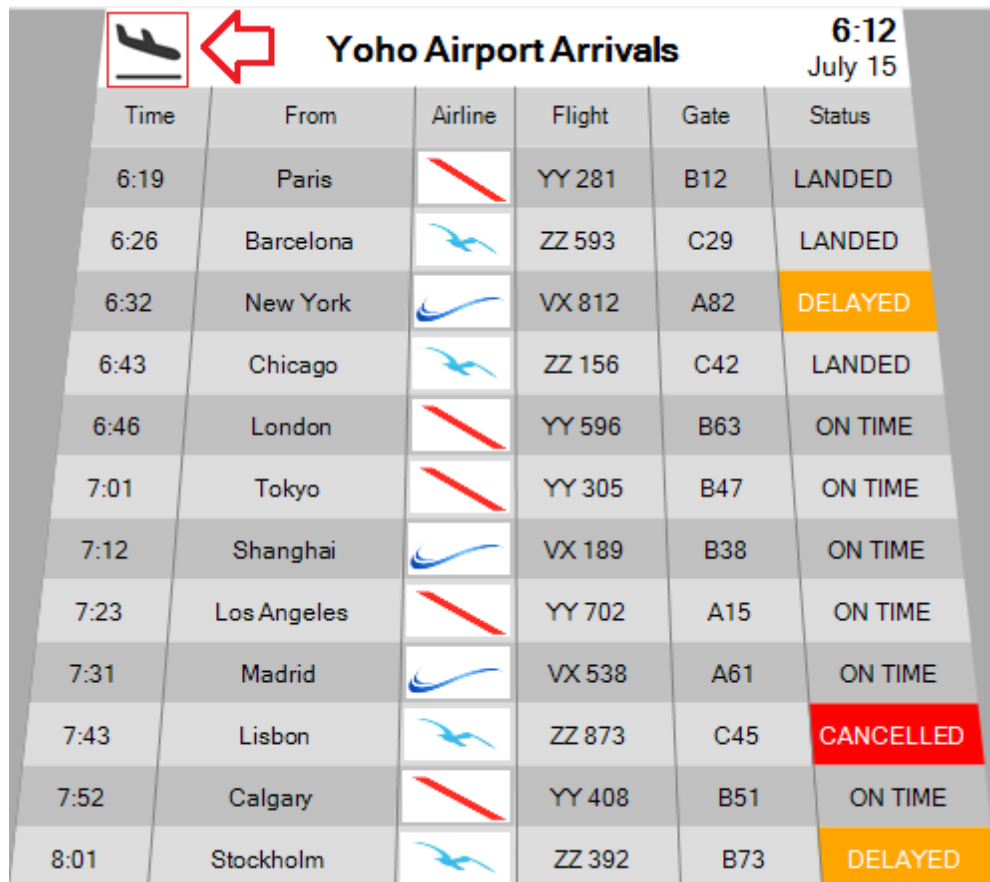
Public Property GridIconLeft As Image

[C#]

```
public Image GridIconLeft {get; set;}
```

Remarks

See the screenshot below.



Yoho Airport Arrivals					
Time	From	Airline	Flight	Gate	Status
6:19	Paris		YY 281	B12	LANDED
6:26	Barcelona		ZZ 593	C29	LANDED
6:32	New York		VX 812	A82	DELAYED
6:43	Chicago		ZZ 156	C42	LANDED
6:46	London		YY 596	B63	ON TIME
7:01	Tokyo		YY 305	B47	ON TIME
7:12	Shanghai		VX 189	B38	ON TIME
7:23	Los Angeles		YY 702	A15	ON TIME
7:31	Madrid		VX 538	A61	ON TIME
7:43	Lisbon		ZZ 873	C45	CANCELLED
7:52	Calgary		YY 408	B51	ON TIME
8:01	Stockholm		ZZ 392	B73	DELAYED

3.1.12 GridIconRight

Gets or sets the icon image (right).

[Visual Basic .NET]

Public Property GridIconRight As Image

[C#]

```
public Image GridIconRight {get; set;}
```

3.1.13 GridIconWidthCenter

Gets or sets the width in pixels for the icon image (center).

[Visual Basic .NET]

Public Property GridIconWidthCenter As Integer

[C#]

```
public int GridIconWidthCenter {get; set;}
```

Remarks

The default value is 0.

3.1.14 GridIconWidthLeft

Gets or sets the width in pixels for the icon image (left).

[Visual Basic .NET]

Public Property GridIconWidthLeft As Integer

[C#]

```
public int GridIconWidthLeft {get; set;}
```

Remarks

The default value is 0, it specifies the width of rectangle where the icon image (left) is rendered.

Yoho Airport Arrivals					
6:12 July 15					
Time	From	Airline	Flight	Gate	Status
6:19	Paris		YY 281	B12	LANDED
6:26	Barcelona		ZZ 593	C29	LANDED
6:32	New York		VX 812	A82	DELAYED
6:43	Chicago		ZZ 156	C42	LANDED
6:46	London		YY 596	B63	ON TIME
7:01	Tokyo		YY 305	B47	ON TIME
7:12	Shanghai		VX 189	B38	ON TIME
7:23	Los Angeles		YY 702	A15	ON TIME
7:31	Madrid		VX 538	A61	ON TIME
7:43	Lisbon		ZZ 873	C45	CANCELLED
7:52	Calgary		YY 408	B51	ON TIME
8:01	Stockholm		ZZ 392	B73	DELAYED

3.1.15 GridIconWidthRight

Gets or sets the width in pixels for the icon image (right).

[Visual Basic .NET]

Public Property GridIconWidthRight As Integer

[C#]

public int GridIconWidthRight {get; set;}

Remarks

The default value is 0.

3.1.16 GridLayout

Gets or sets the grid layout.

[Visual Basic .NET]

Public Property GridLayout As [enumGridLayout](#)

[C#]

public [enumGridLayout](#) GridLayout {get; set;}

Remarks

The default value is Lake_Baikal with the value of 1.

3.1.17 GridLineColor

Gets or sets the color of the grid line.

[Visual Basic .NET]

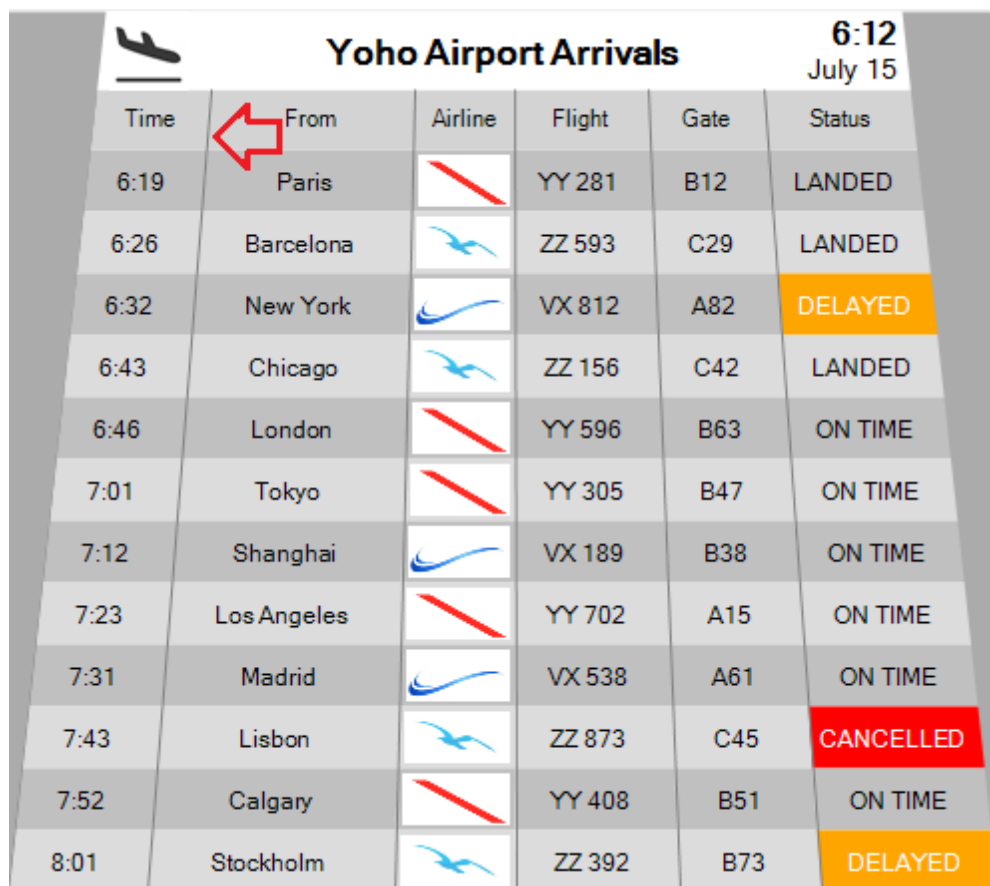
Public Property GridLineColor As Color

[C#]

public Color GridLineColor {get; set;}

Remarks

The default value is light gray.



Yoho Airport Arrivals					6:12 July 15
Time	From	Airline	Flight	Gate	Status
6:19	Paris		YY 281	B12	LANDED
6:26	Barcelona		ZZ 593	C29	LANDED
6:32	New York		VX 812	A82	DELAYED
6:43	Chicago		ZZ 156	C42	LANDED
6:46	London		YY 596	B63	ON TIME
7:01	Tokyo		YY 305	B47	ON TIME
7:12	Shanghai		VX 189	B38	ON TIME
7:23	Los Angeles		YY 702	A15	ON TIME
7:31	Madrid		VX 538	A61	ON TIME
7:43	Lisbon		ZZ 873	C45	CANCELLED
7:52	Calgary		YY 408	B51	ON TIME
8:01	Stockholm		ZZ 392	B73	DELAYED

3.1.18 GridLineHorizontalVisible

Gets or sets a boolean flag indicating whether horizontal lines of the grid are visible or not.

[Visual Basic .NET]

Public Property GridLineHorizontalVisible As Boolean

[C#]

```
public bool GridLineHorizontalVisible {get; set;}
```

Remarks

The default value is FALSE.

3.1.19 GridTitleCenterFirst

Gets or sets the first line title (center) for the grid control.

[Visual Basic .NET]

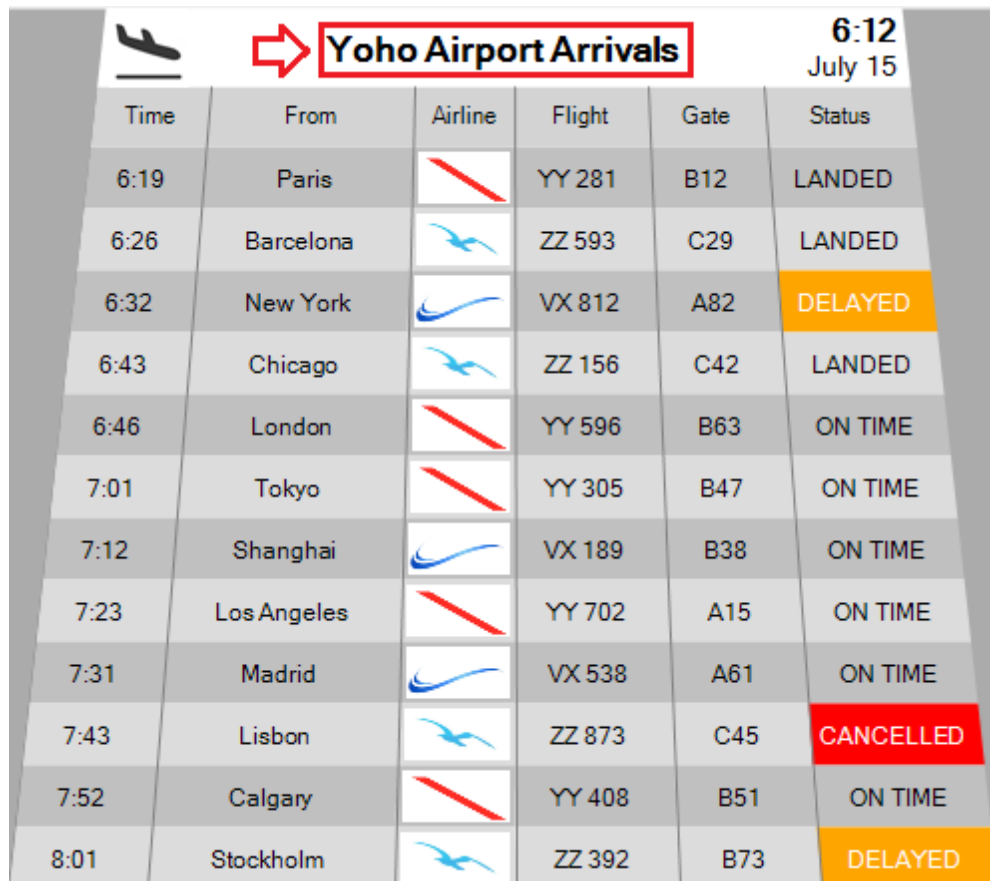
Public Property GridTitleCenterFirst As String

[C#]

```
public string GridTitleCenterFirst {get; set;}
```

Remarks

The default value is empty string, a screenshot with "Yoho Airport Arrivals" as first line title (center) is presented below.



Time	From	Airline	Flight	Gate	Status
6:19	Paris		YY 281	B12	LANDED
6:26	Barcelona		ZZ 593	C29	LANDED
6:32	New York		VX 812	A82	DELAYED
6:43	Chicago		ZZ 156	C42	LANDED
6:46	London		YY 596	B63	ON TIME
7:01	Tokyo		YY 305	B47	ON TIME
7:12	Shanghai		VX 189	B38	ON TIME
7:23	Los Angeles		YY 702	A15	ON TIME
7:31	Madrid		VX 538	A61	ON TIME
7:43	Lisbon		ZZ 873	C45	CANCELLED
7:52	Calgary		YY 408	B51	ON TIME
8:01	Stockholm		ZZ 392	B73	DELAYED

3.1.20 GridTitleCenterSecond

Gets or sets the second line title (center) if applicable for the grid control.

[Visual Basic .NET]

```
Public Property GridTitleCenterSecond As String
```

[C#]

```
public string GridTitleCenterSecond {get; set;}
```

Remarks

The default value is empty string.

3.1.21 GridTitleFontCenterFirst

Gets or sets the font for first line title (center).

[Visual Basic .NET]

Public Property GridTitleFontCenterFirst As Font

[C#]

public Font GridTitleFontCenterFirst {get; set;}

Remarks

This property is used to configure the font of the title in red below.

  Yoho Airport Arrivals 6:12 July 15					
Time	From	Airline	Flight	Gate	Status
6:19	Paris		YY 281	B12	LANDED
6:26	Barcelona		ZZ 593	C29	LANDED
6:32	New York		VX 812	A82	DELAYED
6:43	Chicago		ZZ 156	C42	LANDED
6:46	London		YY 596	B63	ON TIME
7:01	Tokyo		YY 305	B47	ON TIME
7:12	Shanghai		VX 189	B38	ON TIME
7:23	Los Angeles		YY 702	A15	ON TIME
7:31	Madrid		VX 538	A61	ON TIME
7:43	Lisbon		ZZ 873	C45	CANCELLED
7:52	Calgary		YY 408	B51	ON TIME
8:01	Stockholm		ZZ 392	B73	DELAYED

3.1.22 GridTitleFontCenterSecond

Gets or sets the font for second line title (center) if applicable.

[Visual Basic .NET]

Public Property GridTitleFontCenterSecond As Font

[C#]

```
public Font GridTitleFontCenterSecond {get; set;}
```

3.1.23 GridTitleFontLeftFirst

Gets or sets the font for first line title (left).

[Visual Basic .NET]

Public Property GridTitleFontLeftFirst As Font

[C#]

```
public Font GridTitleFontLeftFirst {get; set;}
```

3.1.24 GridTitleFontLeftSecond

Gets or sets the font for first line title (center) if applicable.

[Visual Basic .NET]

Public Property GridTitleFontLeftSecond As Font

[C#]

```
public Font GridTitleFontLeftSecond {get; set;}
```

3.1.25 GridTitleFontRightFirst

Gets or sets the font for first line title (right).

[Visual Basic .NET]

Public Property GridTitleFontRightFirst As Font

[C#]

```
public Font GridTitleFontRightFirst {get; set;}
```

Remarks

This property is used to configure the font of the title in red below.

 Yoho Airport Arrivals  6:12 July 15					
Time	From	Airline	Flight	Gate	Status
6:19	Paris		YY 281	B12	LANDED
6:26	Barcelona		ZZ 593	C29	LANDED
6:32	New York		VX 812	A82	DELAYED
6:43	Chicago		ZZ 156	C42	LANDED
6:46	London		YY 596	B63	ON TIME
7:01	Tokyo		YY 305	B47	ON TIME
7:12	Shanghai		VX 189	B38	ON TIME
7:23	Los Angeles		YY 702	A15	ON TIME
7:31	Madrid		VX 538	A61	ON TIME
7:43	Lisbon		ZZ 873	C45	CANCELLED
7:52	Calgary		YY 408	B51	ON TIME
8:01	Stockholm		ZZ 392	B73	DELAYED

3.1.26 GridTitleFontRightSecond

Gets or sets the font for second line title (right) if applicable.

[Visual Basic .NET]

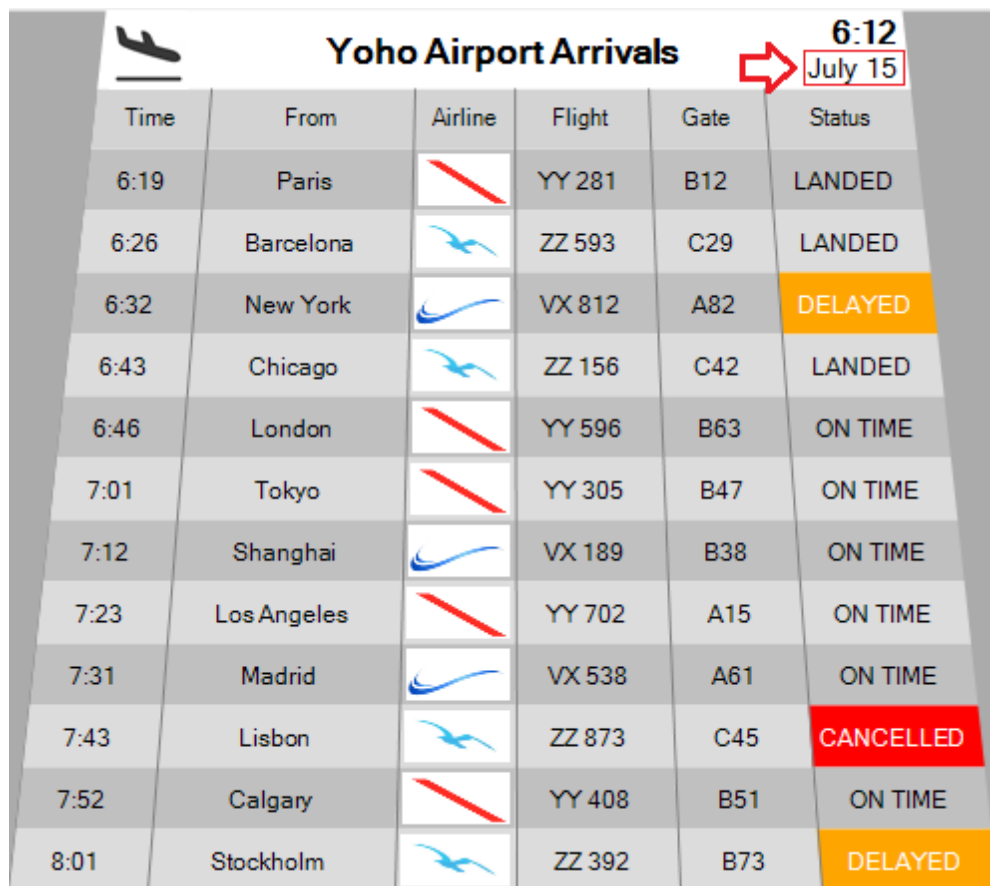
Public Property GridTitleFontRightSecond As Font

[C#]

public Font GridTitleFontRightSecond {get; set;}

Remarks

This property is used to configure the font of the title in red below.



Time	From	Airline	Flight	Gate	Status
6:19	Paris		YY 281	B12	LANDED
6:26	Barcelona		ZZ 593	C29	LANDED
6:32	New York		VX 812	A82	DELATED
6:43	Chicago		ZZ 156	C42	LANDED
6:46	London		YY 596	B63	ON TIME
7:01	Tokyo		YY 305	B47	ON TIME
7:12	Shanghai		VX 189	B38	ON TIME
7:23	Los Angeles		YY 702	A15	ON TIME
7:31	Madrid		VX 538	A61	ON TIME
7:43	Lisbon		ZZ 873	C45	CANCELLED
7:52	Calgary		YY 408	B51	ON TIME
8:01	Stockholm		ZZ 392	B73	DELATED

3.1.27 GridTitleLeftFirst

Gets or sets the first line title (left) for the grid control.

[Visual Basic .NET]

Public Property GridTitleLeftFirst As String

[C#]

public string GridTitleLeftFirst {get; set;}

Remarks

The default value is empty string.

3.1.28 GridTitleLeftSecond

Gets or sets the second line title (left) if applicable for the grid control.

[Visual Basic .NET]

Public Property GridTitleLeftSecond As String

[C#]

```
public string GridTitleLeftSecond {get; set;}
```

Remarks

The default value is empty string.

3.1.29 GridTitleRightFirst

Gets or sets the first line title (right) for the grid control.

[Visual Basic .NET]

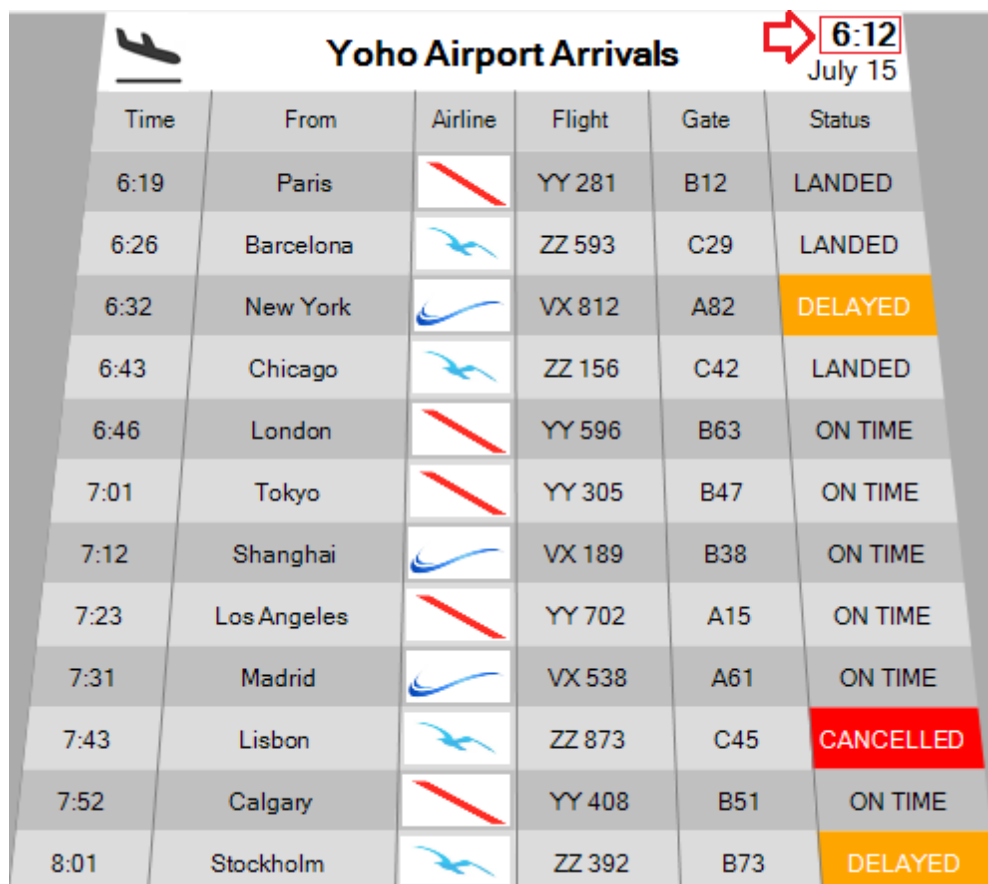
```
Public Property GridTitleRightFirst As String
```

[C#]

```
public string GridTitleRightFirst {get; set;}
```

Remarks

The default value is empty string, a screenshot with "6:12" as first line title (right) is presented below.



Yoho Airport Arrivals					
Time	From	Airline	Flight	Gate	Status
6:19	Paris		YY 281	B12	LANDED
6:26	Barcelona		ZZ 593	C29	LANDED
6:32	New York		VX 812	A82	DELAYED
6:43	Chicago		ZZ 156	C42	LANDED
6:46	London		YY 596	B63	ON TIME
7:01	Tokyo		YY 305	B47	ON TIME
7:12	Shanghai		VX 189	B38	ON TIME
7:23	Los Angeles		YY 702	A15	ON TIME
7:31	Madrid		VX 538	A61	ON TIME
7:43	Lisbon		ZZ 873	C45	CANCELLED
7:52	Calgary		YY 408	B51	ON TIME
8:01	Stockholm		ZZ 392	B73	DELAYED

3.1.30 GridTitleRightSecond

Gets or sets the second line title (right) if applicable for the grid control.

[Visual Basic .NET]

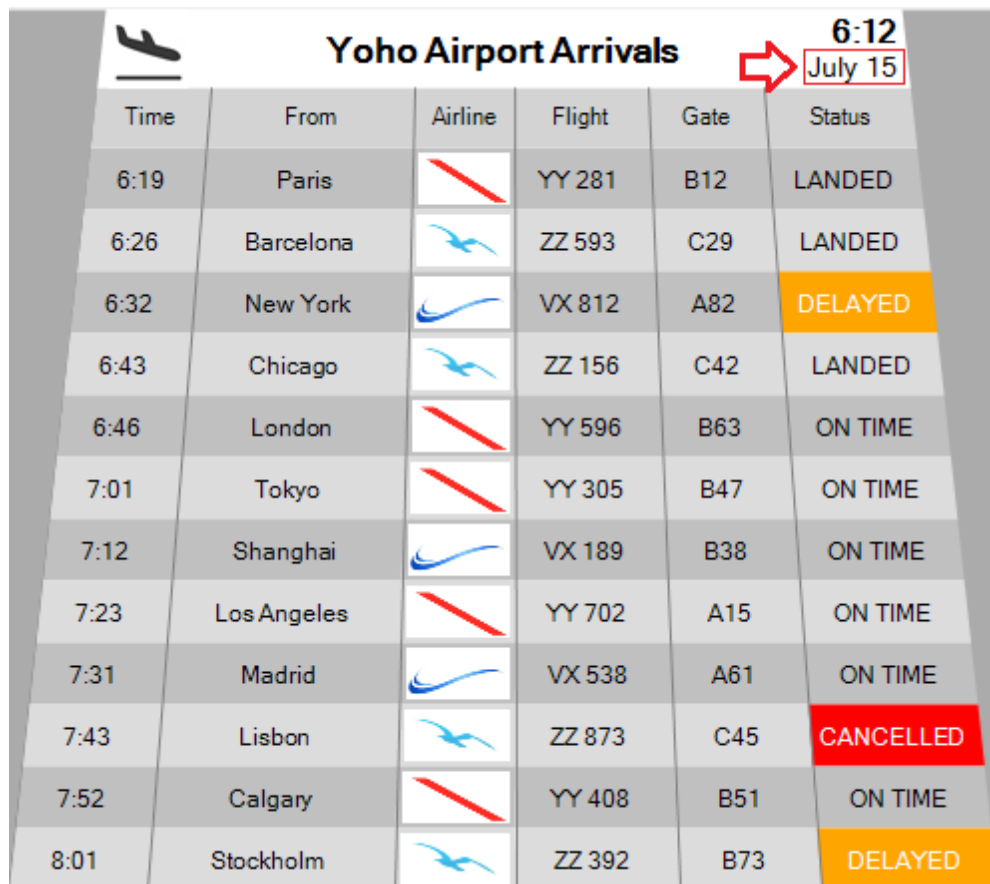
Public Property GridTitleRightSecond As String

[C#]

public string GridTitleRightSecond {get; set;}

Remarks

The default value is empty string, a screenshot with "July 15" as second line title (right) is presented below.



Time	From	Airline	Flight	Gate	Status
6:19	Paris		YY 281	B12	LANDED
6:26	Barcelona		ZZ 593	C29	LANDED
6:32	New York		VX 812	A82	DELAYED
6:43	Chicago		ZZ 156	C42	LANDED
6:46	London		YY 596	B63	ON TIME
7:01	Tokyo		YY 305	B47	ON TIME
7:12	Shanghai		VX 189	B38	ON TIME
7:23	Los Angeles		YY 702	A15	ON TIME
7:31	Madrid		VX 538	A61	ON TIME
7:43	Lisbon		ZZ 873	C45	CANCELLED
7:52	Calgary		YY 408	B51	ON TIME
8:01	Stockholm		ZZ 392	B73	DELAYED

3.1.31 GridTitleTextColorCenterFirst

Gets or sets the text color of first line title (center).

[Visual Basic .NET]

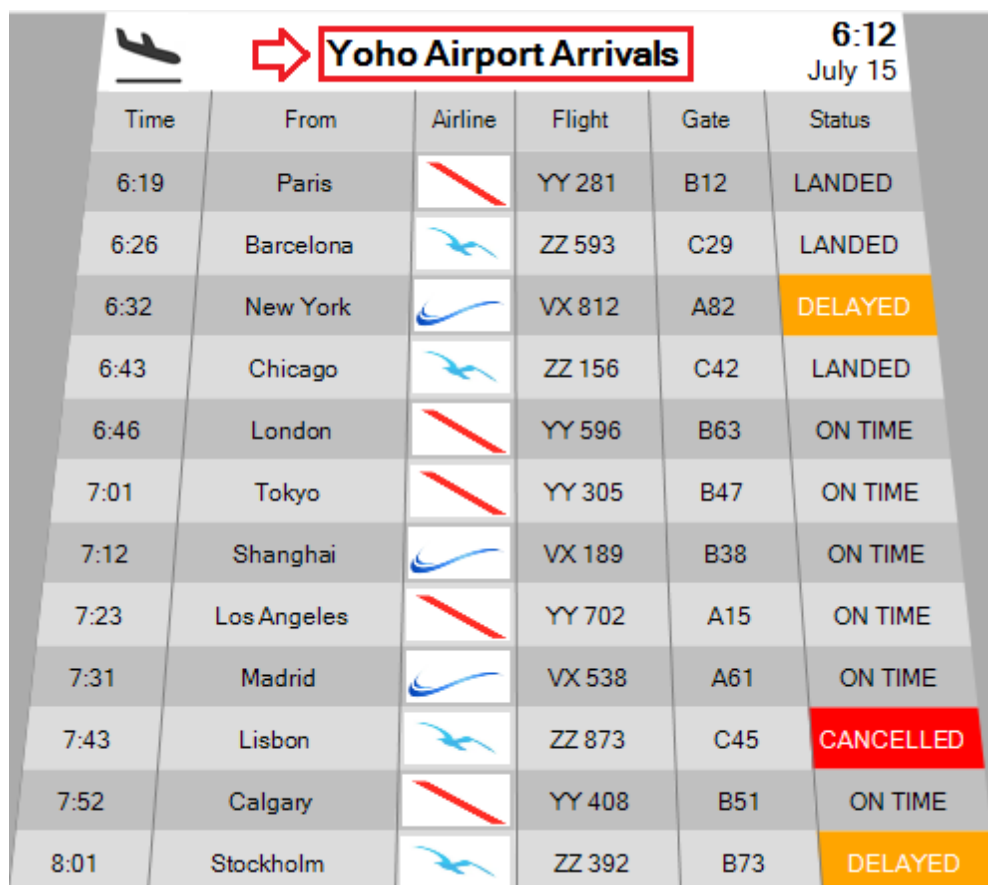
Public Property GridTitleTextColorCenterFirst As Color

[C#]

```
public Color GridTitleTextColorCenterFirst {get; set;}
```

Remarks

This property is used to configure the text color of the title in red below.



Time	From	Airline	Flight	Gate	Status
6:19	Paris		YY 281	B12	LANDED
6:26	Barcelona		ZZ 593	C29	LANDED
6:32	New York		VX 812	A82	DELAYED
6:43	Chicago		ZZ 156	C42	LANDED
6:46	London		YY 596	B63	ON TIME
7:01	Tokyo		YY 305	B47	ON TIME
7:12	Shanghai		VX 189	B38	ON TIME
7:23	Los Angeles		YY 702	A15	ON TIME
7:31	Madrid		VX 538	A61	ON TIME
7:43	Lisbon		ZZ 873	C45	CANCELLED
7:52	Calgary		YY 408	B51	ON TIME
8:01	Stockholm		ZZ 392	B73	DELAYED

3.1.32 GridTitleTextColorCenterSecond

Gets or sets the text color of second line title (center) if applicable.

[Visual Basic .NET]

```
Public Property GridTitleTextColorCenterSecond As Color
```

[C#]

```
public Color GridTitleTextColorCenterSecond {get; set;}
```

Remarks

The default value is black.

3.1.33 GridTitleTextColorLeftFirst

Gets or sets the text color of first line title (left).

[Visual Basic .NET]

```
Public Property GridTitleTextColorLeftFirst As Color
```

[C#]

```
public Color GridTitleTextColorLeftFirst {get; set;}
```

Remarks

The default value is black.

3.1.34 GridTitleTextColorLeftSecond

Gets or sets the text color of second line title (left) if applicable.

[Visual Basic .NET]

```
Public Property GridTitleTextColorLeftSecond As Color
```

[C#]

```
public Color GridTitleTextColorLeftSecond {get; set;}
```

Remarks

The default value is black.

3.1.35 GridTitleTextColorRightFirst

Gets or sets the text color of first line title (right).

[Visual Basic .NET]

```
Public Property GridTitleTextColorRightFirst As Color
```

[C#]

```
public Color GridTitleTextColorRightFirst {get; set;}
```

Remarks

This property is used to configure the text color of the title in red below.

 Yoho Airport Arrivals  6:12 July 15					
Time	From	Airline	Flight	Gate	Status
6:19	Paris		YY 281	B12	LANDED
6:26	Barcelona		ZZ 593	C29	LANDED
6:32	New York		VX 812	A82	DELAYED
6:43	Chicago		ZZ 156	C42	LANDED
6:46	London		YY 596	B63	ON TIME
7:01	Tokyo		YY 305	B47	ON TIME
7:12	Shanghai		VX 189	B38	ON TIME
7:23	Los Angeles		YY 702	A15	ON TIME
7:31	Madrid		VX 538	A61	ON TIME
7:43	Lisbon		ZZ 873	C45	CANCELLED
7:52	Calgary		YY 408	B51	ON TIME
8:01	Stockholm		ZZ 392	B73	DELAYED

3.1.36 GridTitleTextColorRightSecond

Gets or sets the text color of second line title (right) if applicable.

[Visual Basic .NET]

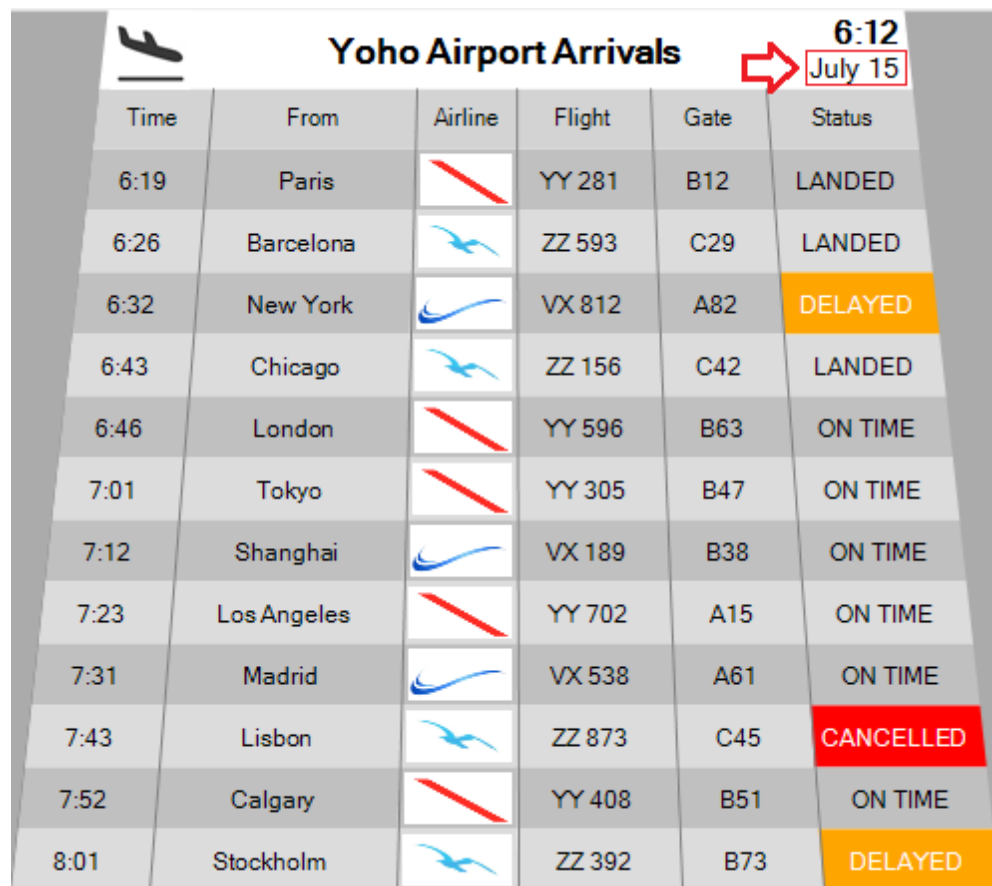
Public Property GridTitleTextColorRightSecond As Color

[C#]

```
public Color GridTitleTextColorRightSecond {get; set;}
```

Remarks

This property is used to configure the text color of the title in red below.



Time	From	Airline	Flight	Gate	Status
6:19	Paris		YY 281	B12	LANDED
6:26	Barcelona		ZZ 593	C29	LANDED
6:32	New York		VX 812	A82	DELAYED
6:43	Chicago		ZZ 156	C42	LANDED
6:46	London		YY 596	B63	ON TIME
7:01	Tokyo		YY 305	B47	ON TIME
7:12	Shanghai		VX 189	B38	ON TIME
7:23	Los Angeles		YY 702	A15	ON TIME
7:31	Madrid		VX 538	A61	ON TIME
7:43	Lisbon		ZZ 873	C45	CANCELLED
7:52	Calgary		YY 408	B51	ON TIME
8:01	Stockholm		ZZ 392	B73	DELAYED

3.1.37 HeaderBKColor

Gets or sets the background color of the header.

[Visual Basic .NET]

Public Property HeaderBKColor As Color

[C#]

public Color HeaderBKColor {get; set;}

Remarks

The default value is black.

3.1.38 HeaderFont

Gets or sets the font of text in the header.

[Visual Basic .NET]

Public Property HeaderFont As Font

[C#]

```
public Font HeaderFont {get; set;}
```

Remarks

This property is used to configure the font of header text.



Yoho Airport Arrivals					
					
6:12 July 15					
Time	From	Airline	Flight	Gate	Status
6:19	Paris		YY 281	B12	LANDED
6:26	Barcelona		ZZ 593	C29	LANDED
6:32	New York		VX 812	A82	DELAYED
6:43	Chicago		ZZ 156	C42	LANDED
6:46	London		YY 596	B63	ON TIME
7:01	Tokyo		YY 305	B47	ON TIME
7:12	Shanghai		VX 189	B38	ON TIME
7:23	Los Angeles		YY 702	A15	ON TIME
7:31	Madrid		VX 538	A61	ON TIME
7:43	Lisbon		ZZ 873	C45	CANCELLED
7:52	Calgary		YY 408	B51	ON TIME
8:01	Stockholm		ZZ 392	B73	DELAYED

3.1.39 HeaderHeight

Gets or sets the header height in pixels for the grid.

```
[Visual Basic .NET]
Public Property HeaderHeight As Integer
```

```
[C#]
public int HeaderHeight {get; set;}
```

Remarks

The default value is 20. The height of grid title is calculated with the formula below, HT means the height of the grid title (the length of red bar in the image below), HG means the height of grid control (the length of blue bar in the image below).

$$HT = HG - RowHeight * RowsCount - HeaderHeight$$

If the condition below holds true:

$$(RowsCount * RowHeight + 1.5 * HeaderHeight) \geq HG$$

then RowHeight is reduced with the formula below, the purpose of the adjustment is to ensure that the height of grid title (HT) is equal to or greater than the half of header height.

$$RowHeight = (HG - 1.5 * HeaderHeight) / RowsCount;$$

 Yoho Airport Arrivals 6:12 July 15					
Time	From	Airline	Flight	Gate	Status
6:19	Paris		YY 281	B12	LANDED
6:26	Barcelona		ZZ 593	C29	LANDED
6:32	New York		VX 812	A82	DELAYED
6:43	Chicago		ZZ 156	C42	LANDED
6:46	London		YY 596	B63	ON TIME
7:01	Tokyo		YY 305	B47	ON TIME
7:12	Shanghai		VX 189	B38	ON TIME
7:23	Los Angeles		YY 702	A15	ON TIME
7:31	Madrid		VX 538	A61	ON TIME
7:43	Lisbon		ZZ 873	C45	CANCELLED
7:52	Calgary		YY 408	B51	ON TIME
8:01	Stockholm		ZZ 392	B73	DELAYED

3.1.40 HeaderTextColor

Gets or sets the text color of the header.

[Visual Basic .NET]

Public Property HeaderTextColor As Color

[C#]

public Color HeaderTextColor {get; set;}

Remarks

The default value is black.

3.1.41 LicenseCode

Gets or sets the license code for the grid control.

[Visual Basic .NET]

```
Public Property LicenseCode As String
```

[C#]

```
public string LicenseCode {get; set;}
```

Remarks:

The value is "TrialVersion" for the trial version's control, and please enter a 10-digit code - issued by us - into this property for the full version's control.

3.1.42 MarginBottomLeft

Gets or sets the bottom left margin, in percentage relative to the grid's width, of layout.

[Visual Basic .NET]

```
Public Property MarginBottomLeft As Float
```

[C#]

```
public float MarginBottomLeft {get; set;}
```

Remarks

A valid value must be between 0 and 50. Please refer to [Notes for Margins](#) for more information.

3.1.43 MarginBottomRight

Gets or sets the bottom right margin, in percentage relative to the grid's width, of layout.

[Visual Basic .NET]

```
Public Property MarginBottomRight As Float
```

[C#]

```
public float MarginBottomRight {get; set;}
```

Remarks

A valid value must be between 0 and 50. Please refer to [Notes for Margins](#) for more information

3.1.44 MarginTopLeft

Gets or sets the top left margin, in percentage relative to the grid's width, of layout.

[Visual Basic .NET]

Public Property MarginTopLeft As Float

[C#]

```
public float MarginTopLeft {get; set;}
```

Remarks

A valid value must be between 0 and 50. Please refer to [Notes for Margins](#) for more information

3.1.45 MarginTopRight

Gets or sets the top right margin, in percentage relative to the grid's width, of layout.

[Visual Basic .NET]

Public Property MarginTopRight As Float

[C#]

```
public float MarginTopRight {get; set;}
```

Remarks

A valid value must be between 0 and 50. Please refer to [Notes for Margins](#) for more information

3.1.46 PaddingBKColor

Gets or sets the padding color of non-rectangle layout.

[Visual Basic .NET]

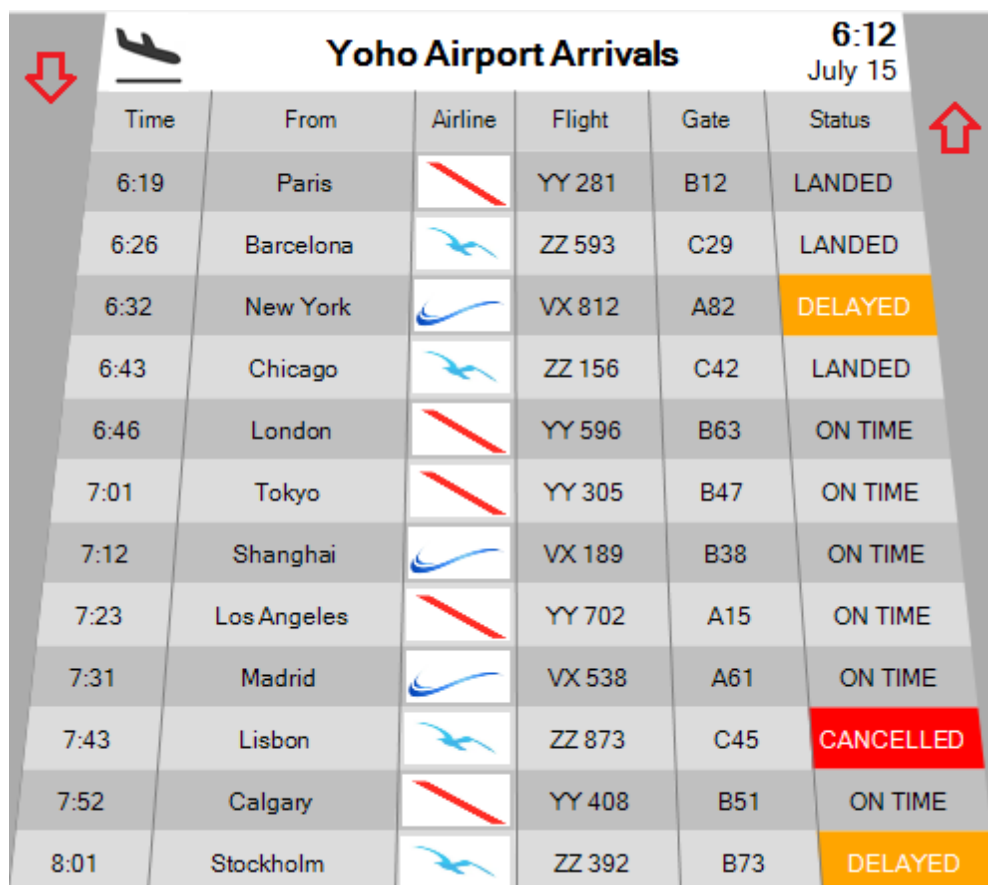
Public Property PaddingBKColor As Color

[C#]

```
public Color PaddingBKColor {get; set;}
```

Remarks

This property is used to configure the color of arrow areas listed below.



Yoho Airport Arrivals						6:12 July 15
Time	From	Airline	Flight	Gate	Status	
6:19	Paris		YY 281	B12	LANDED	
6:26	Barcelona		ZZ 593	C29	LANDED	
6:32	New York		VX 812	A82	DELAYED	
6:43	Chicago		ZZ 156	C42	LANDED	
6:46	London		YY 596	B63	ON TIME	
7:01	Tokyo		YY 305	B47	ON TIME	
7:12	Shanghai		VX 189	B38	ON TIME	
7:23	Los Angeles		YY 702	A15	ON TIME	
7:31	Madrid		VX 538	A61	ON TIME	
7:43	Lisbon		ZZ 873	C45	CANCELLED	
7:52	Calgary		YY 408	B51	ON TIME	
8:01	Stockholm		ZZ 392	B73	DELAYED	

3.1.47 RowBKColor

Gets or sets the background color of rows.

[Visual Basic .NET]

Public Property RowBKColor As Color

[C#]

public Color RowBKColor {get; set;}

Remarks

A screenshot of rows section in red is listed below.

Yoho Airport Arrivals					
Time	From	Airline	Flight	Gate	Status
6:19	Paris		YY 281	B12	LANDED
6:26	Barcelona		ZZ 593	C29	LANDED
6:32	New York		VX 812	A82	DELAYED
6:43	Chicago		ZZ 156	C42	LANDED
6:46	London		YY 596	B63	ON TIME
7:01	Tokyo		YY 305	B47	ON TIME
7:12	Shanghai		VX 189	B38	ON TIME
7:23	Los Angeles		YY 702	A15	ON TIME
7:31	Madrid		VX 538	A61	ON TIME
7:43	Lisbon		ZZ 873	C45	CANCELLED
7:52	Calgary		YY 408	B51	ON TIME
8:01	Stockholm		ZZ 392	B73	DELAYED

3.1.48 RowFont

Gets or sets the font of text in rows.

[Visual Basic .NET]

Public Property RowFont As Font

[C#]

public Font RowFont {get; set;}

3.1.49 RowHeight

Gets or sets the row height in pixels for the grid control.

[Visual Basic .NET]

Public Property RowHeight As Integer

[C#]

public int RowHeight {get; set;}

Remarks

The default value is 20, please refer to [HeaderHeight](#) for more info

3.1.50 RowsCount

Gets or sets the number of rows in the grid.

[Visual Basic .NET]

Public Property RowsCount As Integer

[C#]

public int RowsCount {get; set;}

Remarks

The default value is 9.

3.1.51 RowTextColor

Gets or sets the text color of rows in the grid.

[Visual Basic .NET]

Public Property RowTextColor As Color

[C#]

public Color RowTextColor {get; set;}

Remarks

The default value is black.

3.1.52 RowZebraColor

Gets or sets the color of zebras being used to shade alternate rows for the grid.

[Visual Basic .NET]

Public Property RowZebraColor As Color

[C#]

public Color RowZebraColor {get; set;}

Remarks

The default value is light gray.

3.1.53 RowZebraStripes

Gets or sets a boolean flag indicating whether it is allowed to shade alternate rows or not for the grid.

[Visual Basic .NET]

```
Public Property RowZebraStripes As Boolean
```

[C#]

```
public bool RowZebraStripes {get; set;}
```

Remarks

The default value is FALSE.

3.2 Methods

3.2.1 ConfigureCellImage

Specifies the image of a cell in the grid.

[Visual Basic .NET]

```
Public Function ConfigureCellImage(ByVal RowIndex As Integer,  
                                   ByVal ColumnIndex As Integer,  
                                   ByVal CellImage As Image) As Boolean
```

[C#]

```
public bool ConfigureCellImage(int RowIndex,  
                                int ColumnIndex,  
                                Image CellImage);
```

Parameters

RowIndex

Specifies the index (0-based) of the row in which the cell resides.

ColumnIndex

Specifies the index (0-based) of the column in which the cell resides.

CellImage

Specifies the image that is rendered onto the cell.

Return Value:

If the operation is successful, it returns TRUE; otherwise it returns FALSE. For example, one or two index values are out of bound.

Remarks

If a cell is configured with an image, no text is rendered for the cell even if it is configured with a text.

3.2.2 ConfigureCellText

Specifies the text of a cell in the grid.

[Visual Basic .NET]

```
Public Function ConfigureCellText(ByVal RowIndex As Integer,  
                                ByVal ColumnIndex As Integer,  
                                ByVal Text As String,  
                                ByVal BackColor As Color,  
                                ByVal ForeColor As Color) As Boolean
```

[C#]

```
public bool ConfigureCellText(int RowIndex,  
                             int ColumnIndex,  
                             string Text,  
                             Color BackColor,  
                             Color ForeColor);
```

Parameters

RowIndex

Specifies the index (0-based) of the row in which the cell resides.

ColumnIndex

Specifies the index (0-based) of the column in which the cell resides.

Text

Specifies the text that is drawn onto the cell, and an empty string can be assigned here.

BackColor

Specifies cell background's color.

ForeColor

Specifies cell text's color value.

Return Value:

If the operation is successful, it returns TRUE; otherwise it returns FALSE. For example, one or two index values are out of bound.

3.2.3 ResetRows

Reset contents of rows by eliminating all cell texts and images if applicable.

[Visual Basic .NET]

```
Public Sub ResetRow()
```

```
[C#]
```

```
public void ResetRows();
```

3.3 Enumerations

3.3.1 enumGridLayout

An enumeration type for all possible values of grid layout.

Members

Value	Comment
1 - Lake_Baikal	Regular rectangle layout
2 - Lake_Como	Quadrilateral layout
3 - Lake_Geneva	Curved layout with the arch pointing to the left side
4 - Lake_Saimaa	Curved layout with the arch pointing to the right side
5 - Moraine_Lake	Left arrow layout
6 - Plitvice_Lakes	Right arrow layout

4 Notes for Margins

Four margin properties - MarginTopLeft (1), MarginTopRight (2), MarginBottomLeft (3), and MarginBottomRight (4) - determine how the layout is implemented.

1
2

Yoho Airport Arrivals					
Time	From	Airline	Flight	Gate	Status
6:19	Paris		YY 281	B12	LANDED
6:26	Barcelona		ZZ 593	C29	LANDED
6:32	New York		VX 812	A82	DELAYED
6:43	Chicago		ZZ 156	C42	LANDED
6:46	London		YY 596	B63	ON TIME
7:01	Tokyo		YY 305	B47	ON TIME
7:12	Shanghai		VX 189	B38	ON TIME
7:23	Los Angeles		YY 702	A15	ON TIME
7:31	Madrid		VX 538	A61	ON TIME
7:43	Lisbon		ZZ 873	C45	CANCELLED
7:52	Calgary		YY 408	B51	ON TIME
8:01	Stockholm		ZZ 392	B73	DELAYED

3
4

For the sake of simplicity, we define a few variables below:

- Top-Sum = MarginTopLeft (1) + MarginTopRight (2)
- Bottom-Sum = MarginBottomLeft (3) + MarginBottomRight (4)
- Left-Diff = MarginTopLeft (1) - MarginBottomLeft (3)
- Right-Diff = MarginBottomRight (4) - MarginTopRight (2)

If the [GridLayoutout](#) property is Lake_Baikal, all 4 margins become irrelevant and are internally set to 0.

If the [GridLayoutout](#) property is Lake_Como, the following conditions must hold true.

- Both Top-Sum and Bottom-Sum can't be greater than 50.
- At least one of Top-Sum and Bottom-Sum can't be less than 2.

Otherwise, margins will be internally set to the defaults below:

- MarginTopLeft (1) = 5
 - MarginTopRight (2) = 0
 - MarginBottomLeft (3) = 0
 - MarginBottomRight (4) = 5
-

If the [GridLayoutout](#) property is either Lake_Geneva or Lake_Saimaa, the following conditions must hold true.

- Both Top-Sum and Bottom-Sum can't be greater than 50.
- Both Top-Sum and Bottom-Sum can't be less than 2.
- Left-Diff must be equal to Right-Diff.

Otherwise, margins will be internally set to the defaults below:

- MarginTopLeft (1) = 5
 - MarginTopRight (2) = 0
 - MarginBottomLeft (3) = 0
 - MarginBottomRight (4) = 5
-

If the [GridLayoutout](#) property is either Moraine_Lake or Plitvice_Lakes, the following conditions must hold true.

- Both Top-Sum and Bottom-Sum can't be greater than 50.
- Both Top-Sum and Bottom-Sum can't be less than 2.
- Both Left-Diff and Right-Diff must be equal to 0.

Otherwise, margins will be internally set to the defaults below:

- MarginTopLeft (1) = 5
- MarginTopRight (2) = 5
- MarginBottomLeft (3) = 5
- MarginBottomRight (4) = 5