

## Release Notes: VARCHART XGantt

Product	VARCHART XGantt
Version	5.1
Service Release	SR1
Build	5.100.0.337
Editions	ActiveX, .NET, ASP.NET
Date	25 March 2017

### List of Enhancements

- No enhancements in this release.

### List of Fixed Bugs

- Moving an operation into another group started automatic time scheduling.
- Operations with duration = 0 were displayed as overlapping in the optimized layout.
- The German language .dll couldn't be used in the development environment Gupta.
- In some cases, layers extended into the table area.
- If several nodes were moved simultaneously and beyond the start of the time scale, their temporal position to each other was changed.
- If the time scale's solution was modified while live update and optimized arrangement of nodes was switched on, the optimization was lost after releasing the mouse.
- SEHException with **VcGantt.FitRangeIntoView**
- Setting a single DateLineGrid by **VcGroupLevelLayout.DateLineGridName** multiple times had a cumulative effect.
- Rectangle layers with 4 rounded corners were not displayed correctly.
- Dragging an entry from a list box onto the Gantt without dropping it and dropping it again in the list box, activated the scroll mode in the Gantt.
- Neither snap lines nor snap markings were displayed during lengthening/shortening of nodes.
- Rapid dragging and dropping of nodes outside the chart triggered defect links.
- In some cases, the groups of the source chart were not expanded again after dragging and dropping a node into another entity of XGantt with automatic collapsing/expanding of groups being switched on.
- After deactivating the indent columns in the "Edit table format" dialog, the corresponding entry in this dialog was not updated.
- Setting an **ActiveNodeFilter** in the hierarchical arrangement resulted in a different arrangement.
- Group titles were cropped in the print preview if the "Adopt appearance from view on screen" option in the "Page setup" dialog was activated.
- Error 1 and Error 2 were triggered by multiple opening of the "Edit layer" dialog at design time.
- In the table format "StandardListCaption" the usage of graphic files didn't work
- When layers with their label lying outside were quickly moved in the live update, a "trail" was shown.
- Minimizing the time scale caused artefacts to be shown at nodes.
- "Right" alignment of time ribbons didn't work.
- Modifying **VcLayer.NonWorkIntervalShape** at runtime had no effect on a capacity curve based on this layer.

- In the hierarchical arrangement, the nodewise calendar grid for summary bars was not displayed.
- Renaming a time scale at design time was not applied.

Product	VARCHART XGantt
Version	5.1
Build	5.100.0.248
Editions	ActiveX, .NET, ASP.NET
Date	4 December 2016

### List of Enhancements

- Automatic collapsing/expanding of groups now also possible when groups are being moved.
- Several new sash attributes:
  - Three-dimensional display can be switched on/off.
  - The sash width can be specified.
  - The moving phantom of the sash can appear as double line.
- The rubber rectangle for marking nodes can be switched off.
- New interaction mode for moving the screen section by hand cursor (so-called panning mode).
- New object **VcViewComponent** for setting attributes for each component individually.
- Attributes for the layout of layers in work free areas can now be specified. For this, the **Edit layer** dialog was restructured and the API was enhanced by new properties.
- The arrangement of nodes in a group and the collapsing state of a group can now be specified data-driven individually for each group.
- New properties **VcGantt.SnapTargetNodesSelectionMode** and **VcNode.SnapTargetMode**. This enables to specify for each node individually whether it is to be a snap target for nodes being moved or not.
- Three new layer shapes: **vcRectangleTriangleLeft**, **vcRectangleTriangleRight**, **vcRectangleTriangleLeftRight**.
- New events: **vcInteractionModeChanging** and **vcInteractionModeChanged**
- New method: **VcLegendView.Update()**
- Snap lines and snap markings for visualizing snap targets at nodes.
- New method **VcDataRecord.IdentifyObject** for identifying the object (node, link, group) representing the data record.
- New property **VcGroupLevelLayout.GroupsInvisible** to specify whether the groups having been created from the **VcGroupLevelLayout** for the respective level are to be displayed or not. The visibility of groups can also be specified depending on a data field. For this, the following properties were added:
  - **VcGroupLevelLayout.GroupsInvisibleMapName**
  - **VcGroupLevelLayout.GroupsInvisibleDataFieldIndex**
- New properties **VcGantt.DraggingViaDiagramComponentAllowed**, and **VcGantt.DraggingViaTableComponentAllowed** allowing to specify areas where drag & drop is activated.

### List of Fixed Bugs

- Setting the time zone in Windows to "UTC+3 Istanbul" triggered a crash.
- Calling **VcGantt.Reset** and reloading the data caused Error 13 Class 1720 when closing the application.
- Using **VcGantt.CombiningControlsEnabled=true** (Multigantt) and calling the page preview with zoom factor = 100 % led to AccessViolationException.
- The events **OnInteractionStartComplete** and **OnInteractionObjectChangingComplete** weren't fired by XGantt ActiveX in a .NET application.
- If an activity with duration = 0 days was dragged to a weekend, the end date was < start date.
- **VcGantt.ScrollToNode** didn't work when all groups were collapsed.
- **AutoSchedule** and restriction dates caused problems.

- Symbol layers didn't snap according to the specified smallest time unit when being dragged horizontally.
- Performance problems with **ExtendedGroupingNodesOnSubLevelsAllowed** set to **NO**.
- Possible memory leak in WinForms XGantt control fixed.
- Performance problems when loading, collapsing/expanding, dragging vertically and filtering of nodes in hierarchical arrangement.
- Automatic scrolling when moving groups did only work when carried out for the first time.