CHANGE LOG.

➡ This is the third major release of the v10 LightningChart® .NET line. This release focuses heavily on LightningChart's compatibility. In particular, we resolved the issue with .NET Core 3.x and .NET 5.0 application and added support for .NET 6.0.

In addition, we solved the issue with UWP charts, which makes the charting application fully compatible with Microsoft Store.

Main Changes

The LightningChart 10.2.1 WinForms and WPF components can be used in .NET application. In the latest release, we resolved the issue with .NET Core 3.x and .NET 5.0 application (which accidentally broke down in version 10.1.2.1), and now we have added support for .NET 6.0.

Note:
the standalone project extracted from our Demo, the Interactive Examples App, targets .NET Framework. Therefore, to use example's code in .NET, the user should migrate the application, or create a new .NET project and copy the code.

LightningChart UWP-charts are now compatible with Microsoft Store

The UWP-charts were introduced in LightningChart 10.0.1 and previously, it was possible to create and deploy a UWP application but the requirements for submission to the Microsoft Store were not met.

Now the issue is solved and a LightningChart UWP application can be configured to run on all supported architectures (x86, x64, ARM, ARM64).

SampleDataBlockSeries

Back in the 10.1 release, we introduced the **SampleDataBlockSeries**, a new series fully optimized for real-time applications. Now, in this release we have improved the performance and stability of the SampleDataBlockSeries, which may be manifested occasionally.

Other improvements and features

In this new release, LightningChart .NET offers:

- a better support for DPI awareness and particularly, per-monitor awareness.

- a new chart type - half doughnut/donut. The demonstration of its usage can be found in the ExampleHalfDonut from our Demo application.

- a new feature that allows canceling the rectangle-zooming in ViewXY, ViewPolar and ViewSmith by pressing down the Esc-key.

- a polished appearance and behavior of Annotation.

- two new technical indicators for the TradingChart component (Average True Range and TwoHistogramsAndLine).

- In addition, the TradingChart works better on high-resolution monitors and allows hiding of Week's and Time's label above and below the chart.

- several new examples for the Interactive Examples Demo App including LiDAR, Half-donut, and N-body interaction.

- more examples converted for UWP and an improved search functionality.