# IntervalZero

# Product Release Notice
# RTX64 4.5.1

## General Availability Release Date

December 23, 2024

## Product Overview

RTX64 4.5.1 is the latest 64-bit version of IntervalZero's market-leading hard real-time software products. This Runtime release provides new features, usability improvements, and resolved issues.

To see a full list of all new features and a detailed list of new APIs added and issues resolved, please refer to the product release notes, found in the online RTX64 4.x Help.

## Key Features

- Available as both a full RTX64 4.5.1 Runtime install, or as an Update 1 to RTX64 4.5 Runtime.
- Adds support for Windows 11 Update Version 24H2 and Windows 11 IoT Enterprise LTSC 2024.
- Increases the MaxSockets limit in the TCP/IP Stack from 1024 to 32,765. (18162, 17985)

## Issues Resolved

- Resolves an issue where the RTX64 Control Panel malfunctioned on machines with a display resolution set to 1280 x 720 or below. (17931)
- Resolves an interference issue between Visual Studio and RTX64 that resulted when managed DLLs using Win32 Registry functionality were added to the Global Assembly Cache (GAC).
- Resolves an issue where debugging a real-time C# application in Visual Studio 2022 resulted in an error, *Internal error in the expression evaluator*. (18025)

- Resolves an issue where, certain subsystem and network settings, such as search path and IP addresses, were not saved on an upgrade. (VAN-17900)

# Availability

RTX64 4.5.1 Runtime is available beginning December 23, 2024, through Partners and by contacting Sales: sales@intervalzero.com.

We look forward to any comments and feedback. If you have any recommendations, or wish to suggest any product enhancements, please contact Product Management at: productmanagement@intervalzero.com.