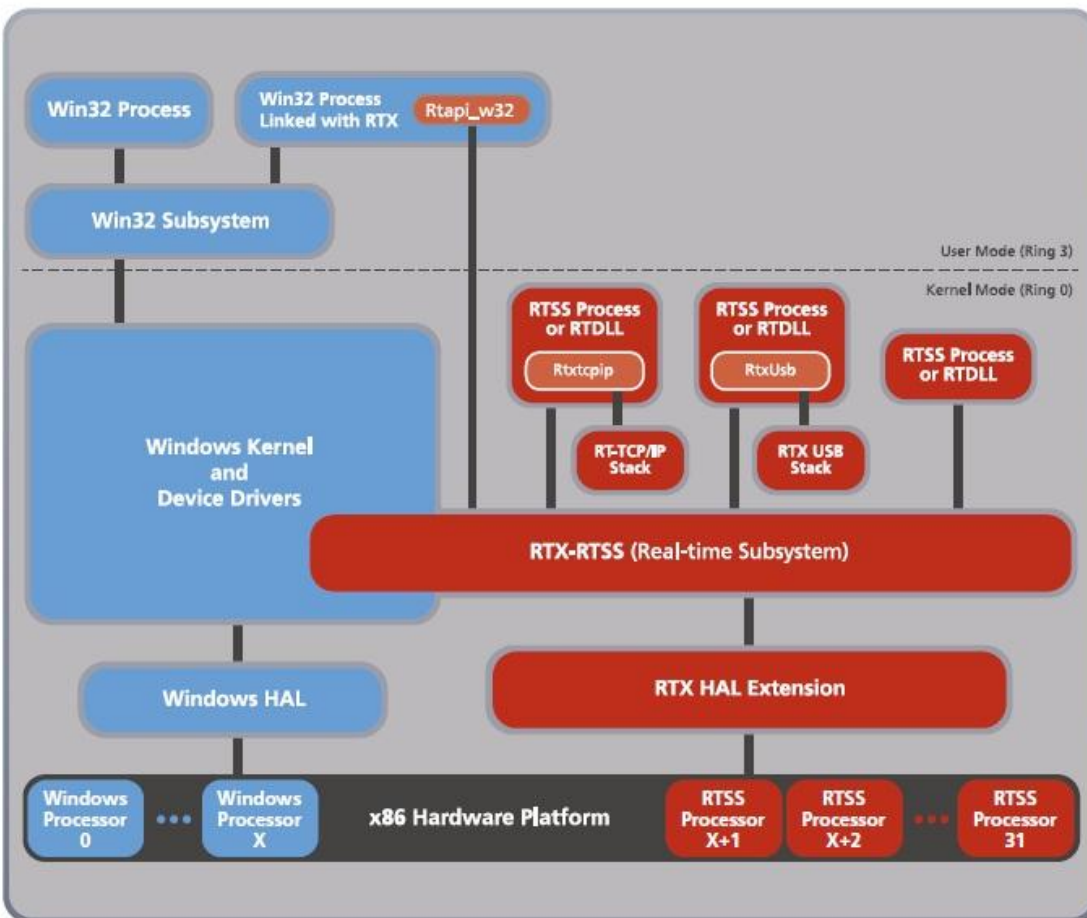


IntervalZero

RTX At A Glance

RTX outperforms real-time hardware, radically reduces development costs, and enables doubling of application performance every 18 months.

Through tight integration with Microsoft Windows and native SMP support on x86 multi-core multiprocessors, RTX moves the hard real-time control logic, such as programmable logic control, motion logic, and digital media algorithms, from specialized hardware components to software components. **Below are two charts: one showing how RTX extends Windows to deliver real-time functionality; and another detailing the benefits of an SMP-enabled RTX solution.**



Key Characteristics of an SMP-Embedded Solution	RTX 2011	Benefit
Single common Integrated Development Environment & world-class Microsoft Windows	✓	Productivity
Single real-time subsystem instance executes directly On multiple assigned processors	✓	Scalability & Maintainability
All resources visible to all real-time processes	✓	Control
Schedule real-time threads across multiple processors or dedicate certain logic to specific cores	✓	Control & Performance
Direct access to shared data without additional copies and IPC usage	✓	Quality & Performance
Minimize system memory requirements (footprint/power usage)	✓	Performance
Minimize system memory requirements (footprint/power usage)	✓	Scalability