

NEWS

Hypervisor 5.4 – What's new?

Our Hypervisor is continuously developing into the de facto standard for industrial automation and medical applications. With periodic functional updates, we want to make sure it remains the first choice when it comes to versatile and secure system consolidation.

From now on, we inform you with regular updates about new features of the RTS Hypervisor.

You do not make use of the Hypervisor yet? It might be worth having a look on our website. We are confident that your operations strongly benefit from our solution as well – with increased system performance while reducing total system power consumption at the same time, more flexibility in communication, as well as greatly improved security.

New features of version 5.4

- **TRIM command in all OS execution modes**
The ATA TRIM command for shared mass storage devices is now available in all OS execution modes. This enables faster write operations and reduces wear of the flash cells.
- **Intel Elkhart Lake and Tiger Lake processors**
Recently released 2- and 4-core Intel processors enhanced for IoT are now supported – codenamed Elkhart Lake, and Tiger Lake for applications requiring higher performance.
- **New QNX and VxWorks RTOS versions**
Our Hypervisor now supports the new 7.1 version of Blackberry's real-time OS QNX as well as Wind River's VxWorks 7 release SR0650.

New key features until version 5.3 – in case you missed it:

- Support of Intel 7th Generation "Kaby Lake" processors
- Support of QNX 7 32-bit and 64-bit
- Support of VxWorks 7 32-bit
- Support of Xenomai
- Support of Privileged Mode for Linux 4.19
- Support of Cache Allocation Technology (CAT) and Memory Access Throttle (MAT) on AMD Zen processors
- Configuration of CAT by percentage of available shared cache
- Automatic installation of Boot Loader and Hypervisor on computers with pre-installed Microsoft Windows and several Linux distributions
- Assignment of fixed MAC addresses for each OS on virtual network
- Boot from non-volatile memory (NVMe)
- New CPU assignment options (percent, remainder)

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