# INtime® 7: Unprecedented Flexibility

The latest release of the INtime® RTOS introduces major upgrades, including support for operation as a standalone RTOS; real-time hypervisor compatibility; and Time-Sensitive Networking (TSN) and Intel® Time-Coordinated Computing (Intel® TCC) functionality.

With these enhancements, developers have more options than ever for deterministic workload consolidation and the creation of converged infrastructure.

Below outlines updates from INtime® 6 to INtime® 7. For a comprehensive overview of INtime software features and capabilties, read the INtime RTOS datasheet.

| Feature | | Description | INtime® 6 | INtime® 7 | Benefits |
|---|---|---|---|---|---|
| **INtime® for Windows** | **Windows\* Support** | Windows Version | 7 / 8.1 / 10 | 10 / 11 | Updated platform support |
| | | Secure Boot support | – | ✓ | Enhanced security and compatibility |
| | **Networking** | TSN and Intel\* TCC support | – | ✓ | Optimized real-time performance and converged networking capability |
| **INtime® Distributed RTOS** | **Virtualization** | Real-time hypervisor support | – | ✓ | Deterministic workload consolidation |
| | **File System and Storage** | Boot Media | SATA | SATA / NVMe / eMMC | Updated media support |
| | | Type | FAT32 | Unix File System (UFS) | Modern storage with superior performance |
| | | File names | 8.3 | Long UTF-8 | Enhanced compatibility |
| | **Console Shell** | Type | Text Output | INshell® Command Line Interface | Direct system interaction |
| | | Scripting | – | ✓ | Batch file automation |
| | | Extensible | – | ✓ | Write your own commands |
| | **Web Configuration Interface** | INshell and RT-Performance-Tool | – | ✓ | New remote capabilities |
| | | TLS protected control messaging | – | ✓ | Password protected interface |
| | **License Provisioning** | License Technology | Other | Safenet | Unified licensing |
| | | TenAsys® License Portal | – | ✓ | Licensing status insight |
| | | Temporary Licensing | – | ✓ | Online temporary licenses |
| **Common to Both Deployment Models** | **Compatibility** | Binary Compatible Applications | ✓ | ✓ | Eased migration |
| | | Global Objects IPC | ✓ | ✓ | " |
| | | AMP Architecture | ✓ | ✓ | " |
| | | Ethernet Drivers and TCP / IP | ✓ | ✓ | " |