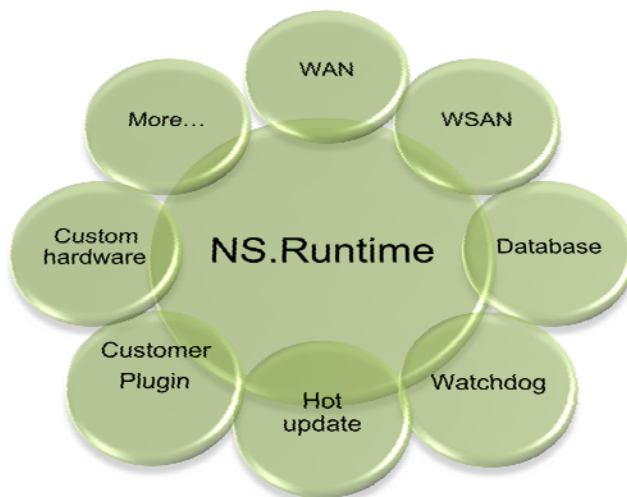


NS.Runtime

NS.Runtime is a software application (.exe) running as well on the fixed as on mobile M2M gateways. NS.Runtime works as a container that provides to gateway manufacturers self-activation and maintenance services of communications for Wide Area Network (WAN), Wireless Sensor Network (WSN) and its related network data base. NS.Runtime is also in charge of managing gateway watchdogs, energy level, and reset function. NS.Runtime is designed to stack custom and hardware oriented software, and interface with embedded plug-in software.



Features at a glance

- Activates WAN connections (GPRS, Ethernet, ...)
- GPRS timing control (fast-path, ring & talk, RDV)
- Activates WSN connections and network database
- Battery level management (watchdog included)
- Monitors NS.Runtime watchdog
- Manages Reset function and self-reboot
- Hot Plugin update

Software development tools

- Graphical User Interface (GUI)
- Main menu and dynamic menu for Plugin software providing a GUI
- Debug Windows with trace listener shared by Plugin softwares

Operating systems

- Windows PC (Windows 7, Windows XP...)
- Windows CE
- Windows Mobile

Custom design service

Although NS.Runtime is hardware dependent, this software requires only a light custom service from Nitrosoft to fit your gateway architecture and platform. Please contact us for more information.

Specifications Win PC

Footprint	100 KB - Exe
.NET	Framework 2.0

Specifications Win CE

Footprint	32 KB - Exe
.NET	Compact Framework 2.0