

NS.eRFquake.GUI

Software component (DLL) to configure **eRFquake** mobile devices on a **WSAN**.



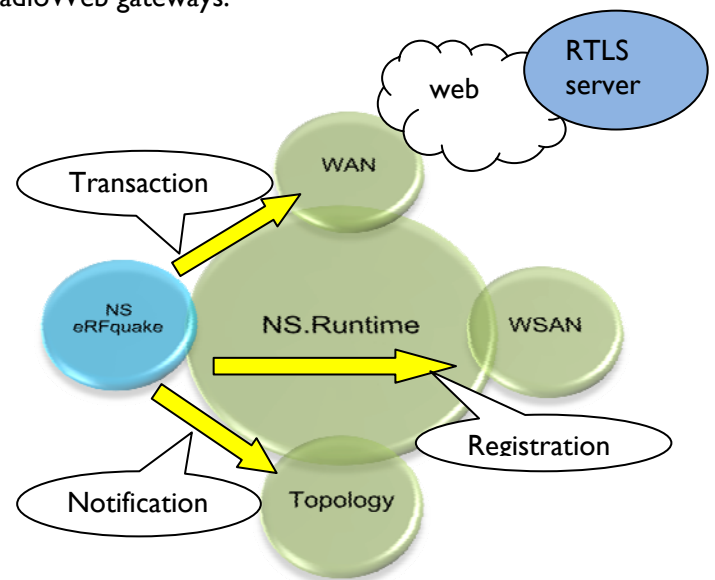
NS.eRFquake.GUI provides graphical user interface to set and get parameters of eRFquake devices.

It defines the device behavior that can be defined for :

- ✓ asset management, motion notification and alert of a normally static device
- ✓ asset tracking for dynamic follow up of devices through one or several **WSAN**
- ✓ **RTLS** (Real time location system) mobile sensor.
- ✓ Transactional features for communication with RadioWeb gateways.

NS.eRFquake extends communication and network software capabilities :

- ✓ Registration to the **WSAN** communication software to handle upcoming radio frames
- ✓ Notification to the **WSAN** network manager for motion notification and changes in location.
- ✓ RadioWeb **RTLS** features with transaction capability with the **WAN** manager for routing communications with a remote server.



Companion Tools

- ✓ NS.Plugin.Wavenis

Specifications	
Footprint	30 KB - DLL
.NET	Framework 2.0 Compact Framework 2.0
Prerequisites	NS.Plugin.Wavenis NS.WSNdb
Radio device	eRFquake I2 and higher

Features at a glance

- ✓ Wakeup mode
- ✓ Motion sensor sensitivity and delays
- ✓ Power tuning (range setting)
- ✓ Communication modes:
Broadcast, peer to peer and relaying
- ✓ Alarm modes:
Start, Stop, Passing by.
- ✓ Event handler for tracking notification in **WSAN**.