

# ERS NB-IoT/LTE-M – FW Release Notes

## FW 1.0.0

### Release content

First release

### Known issues

#### Sensor

- **Issue #1:** Motion value always > 0 in first uplink.  
Workaround: Ignore first uplink value.
- **Issue #2:** Default PIR sensitivity calibration too low.  
Workaround: Increasing the PIR sensitivity setting to “Medium”
- **Issue #3:** Timebase (SpIPer) limited to < 43200 seconds (12 hours).  
Workaround: None
- **Issue #13:** LED activity can interfere with PIR/light-related behavior, which may cause false triggers or unstable ambient-light measurements.  
Workaround: None

#### LwM2M

- **Issue #4:** LwM2M Object “ELSYS Configuration” (/31501) not refreshed upon NFC configuration change.  
**Workaround:** Reboot sensor or by subsequent configuration change over LwM2M.
- **Issue #5:** Unable to factory reset from LwM2M.  
**Workaround:** Factory reset via NFC.
- **Issue #6:** Device not rebootable through LwM2M using immediate reboot on reboot resource (/3/0/4)  
**Workaround:** Use scheduled execute. Alternatively, use generic settings resource /31501/308. Command: reboot:1

- **Issue #7:** CO2 calibration resource not available in LwM2M.  
**Comment:** Use generic settings resource /31501/308. Command: co2cal:1
- **Issue #10:** First LwM2M uplink may report battery voltage as 0 (`VDD=0`) before the first runtime measurement update.  
**Workaround:** Ignore the battery voltage value in the first uplink.
- **Issue #11:** Multi-sample LwM2M transmissions may include misleading timestamp resource (`5518`) handling in composite path sets.  
**Workaround:** None.
- **Issue #12:** After certain LwM2M identity or provisioning changes, stale Security/Server object instances may remain and cause invalid object pairings or setup failures.  
**Workaround:** Factory reset the device and reprovision.

## Other

- **Issue #8:** FW not compliant with RED 3.3  
**Workaround:** None
- **Issue #9:** ELTP does not support DNS resolution.  
**Workaround:** Use raw IPv4 address.
- **Issue #14:** APNs shorter than 5 characters are not supported, will fall back to automatic APN selection.  
**Workaround:** None, most SIM cards have preferred APN stored.