



FIRMWARE UPDATE RELEASE NOTE: **EM720** **EM720 Rus**

Version Identification: Changed XPW timing, fixes

EM720	V26.1.8
EM720+IEC61850	V26.11.8
EM720_Rus	V26.7.8
EM720_Rus+IEC61850	V26.17.8

Date: 11/08/2011

Version: V26.1.8 V26.11.8
V26.7.8 V26.17.8

MAIN: **EM720_26.1.8_F5F0.hex**
 EM720_26.11.8_0F04.hex
 EM720_26.7.8_E7BD.hex
 EM720_26.17.8_9E2C.hex

Every EM720 must be updated to this FW version while linked to expertpower Pro

New Features:

1. Improved voltage and current gain calibration, and energy pulsing.
2. The IEC 61850 file directory record is extended to 60 entries.
3. Added configurable XPW connection idle timeout.
4. XPW reconnect time is lowered to 1 min.

Bug Fixed:

1. The waveform recorder could miss closely located event waveforms in event-controlled recording mode.
2. IEC 61850 - COMTRADE .cfg files indicated zero sampling rate for single-record waveform series.
3. IEC 61850 - incorrect swRev was indicated in the LPHD1 and LLN0 nodes.
4. Data update could happen between readings of the low and high words of the 32-bit Modbus register.