

# 8100 Product Series Firmware Release Notes

## Remark

This document contains the firmware release notes for all products of the 8100 product series.

## FG8101G01 Firmware Release Notes

| Firmware Version | Changes   |
|------------------|---|
| v0107            | Improvement: Display shows “H” for holdover mode instead of “C” for crystal mode  |
| v0106            | Improvement: Changed display default configuration, to same behaviour as in v0104<br>Improvement: Support of different display behaviours (permanent on or timeout based) |
| v0105            | Bugfix: Fixed issue with negative time zone offset on display   |
| v0104            | First released firmware version   |

## FG8702G0x Firmware Release Notes

| Firmware Version | Changes  |
|------------------|--|
| v0600            | Added: FG8801F02 support<br>Added: NTS (RFC 8915) support<br>Added: Trusted certificate support<br>Improvement: Every “crystal” text changed to “holdover”<br>Improvement: Update of card cover images |

|       |   |
|-------|---|
|       | Improvement: Antenna short circuit detection improved   |
| v0502 | <p>Added: Synchronization Setting for stepping when offset &gt;= 100ms</p> <p>Added: NTP Configuration - Holdover operation (Specific stratum while holdover, Always output NTP)</p> <p>Improvement: Set time is now also possible in normal operation mode (before it was only possible in simulation mode)</p> <p>Improvement: NTP behaviour with execute time jump</p> |
| v0501 | <p>Added: FG8803S02 and FG8803S20 support</p> <p>Added: Immediate PTP service start configuration</p> <p>Added: PTP clock class 6 simulation mode</p> <p>Improvement: SNMPv3 MIB-2 Support</p> <p>Improvement: Removed 30s SNMP value caching</p> <p>Improvement: Feature to update whole system with one update file</p>   |
| v0201 | <p>Added DNS as service option in network firewall rules</p> <p>Bugfix: Fixed simulation mode issue</p> <p>Bugfix: Fixed RADIUS PAP with local as fallback</p>  |
| v0200 | <p>Added FG8802S00, FG8802S01, FG8802S02, FG8802S20 and FG8901P06 support</p> <p>Added GNSS firewall feature</p> <p>Added LI8100A04 and LI8100A05 support</p> <p>SIMATIC time service can now be configured for two broadcast addresses</p> <p>Reworked SNMP MIB</p> <p>Improved synchronization</p> <p>Improved bus communication</p>                                    |
| v0106 | Bugfix: Fixed synchronisation issue   |
| v0103 | First released firmware version   |

## FG8800M00 Firmware Release Notes

| Firmware Version | Changes   |
|------------------|---|
| v0600            | Added: FG8801F02 support<br>Added: NTS (RFC 8915) support<br>Added: Trusted certificate support<br>Added: Synchronization setting for stepping when offset $\geq 100$ ms<br>Improvement: Every "crystal" text changed to "holdover"<br>Improvement: Update of card cover images |
| v0501            | First released firmware version   |

## FG8801N02 Firmware Release Notes

| Firmware Version | Changes   |
|------------------|---|
| v0600            | Added: NTS (RFC 8915) support<br>Added: Trusted certificate support<br>Added: Synchronization setting for stepping when offset $\geq 100$ ms            |
| v0502            | Added: NTP Configuration - Holdover operation (Specific stratum while holdover, Always output NTP)<br>Improvement: NTP behaviour with execute time jump |
| v0501            | Improvement: Internal communication improved<br>Added: Immediate PTP service start configuration<br>Added: PTP clock class 6 simulation mode            |
| v0201            | Added DNS as service option in network firewall rules   |

|       |  |
|-------|--|
| v0200 | SIMATIC time service can now be configured for two broadcast addresses<br>Events and alarms are forwarded to the management board for distribution<br>Improved synchronization<br>Improved bus communication |
| v0106 | Bugfix: Fixed synchronisation issue  |
| v0104 | First released firmware version  |

## FG8801F02 Firmware Release Notes

| Firmware Version | Changes                         |
|------------------|---------------------------------|
| v0600            | First released firmware version |

## FG8802Sxx Firmware Release Notes

| Firmware Version | Changes  |
|------------------|--|
| v0200            | Added: Synchronization setting for stepping when offset $\geq 100$ ms<br>Improvement: Overcurrent detection improved |
| v0100            | First released firmware version  |

## FG8803Sxx Firmware Release Notes

| Firmware Version | Changes   |
|------------------|---|
| v0200            | Added: Synchronization setting for stepping when offset $\geq 100$ ms |

|       |   |
|-------|---|
|       | Bugfix: Statusbits in Hopf Time Universal string adjusted<br>Bugfix: Character 25 in SAT1703 string adjusted<br>Bugfix: Characters 13 and 14 in IEC-103 string adjusted |
| v0100 | First released firmware version   |