

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 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	<p>Added: FG8801F02 support</p> <p>Added: NTS (RFC 8915) support</p> <p>Added: Trusted certificate support</p> <p>Improvement: Every "crystal" text changed to "holdover"</p> <p>Improvement: Update of card cover images</p> <p>Improvement: Antenna short circuit detection improved</p>
v0502	<p>Added: Synchronization Setting for stepping when offset >= 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 Added: NTS (RFC 8915) support Added: Trusted certificate support Added: Synchronization setting for stepping when offset \geq 100ms Improvement: Every "crystal" text changed to "holdover" Improvement: Update of card cover images
v0501	First released firmware version

FG8801F02 Firmware Release Notes

Firmware Version	Changes
v0600	First released firmware version

FG8801N02 Firmware Release Notes

Firmware Version	Changes
v0600	Added: NTS (RFC 8915) support Added: Trusted certificate support Added: Synchronization setting for stepping when offset \geq 100ms
v0502	Added: NTP Configuration - Holdover operation (Specific stratum while holdover, Always output NTP) Improvement: NTP behaviour with execute time jump
v0501	Improvement: Internal communication improved Added: Immediate PTP service start configuration 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 Events and alarms are forwarded to the management board for distribution Improved synchronization Improved bus communication
v0106	Bugfix: Fixed synchronisation issue
v0104	First released firmware version

FG8802Sxx Firmware Release Notes

Firmware Version	Changes
v0200	Added: Synchronization setting for stepping when offset $\geq 100\text{ms}$ 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 100ms Bugfix: Statusbits in Hopf Time Universal string adjusted Bugfix: Character 25 in SAT1703 string adjusted Bugfix: Characters 13 and 14 in IEC-103 string adjusted
v0100	First released firmware version