

# Firmware Update 2.12.22

## INSYS SDSL 1.0 / QLM-S101

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### General information:

The update package contains the following files:

- system\_SDSL\_2.12.22 always necessary
- data\_SDSL\_2.12.22 always necessary

On the last page you'll find the [update process](#) and the checksums for the files too.

The latest manuals are available on our homepage: <http://www.insys-icom.com/icom/en/support-downloads>

### Intended use for INSYS products:

- All INSYS SDSL 1.0 devices
- QLM-S101

### Preconditions:

- Make sure nobody else is working on the web interface too!
- The power supply must not fail or be switched off in any case!
- We recommend to save the configuration first (Download page).

### Latest Release Notes:

#### Since version 2.12.21

##### **Functional Change:**

- Email: configuration of TLS 1.2 and TLS 1.3 possible
- EBW-L: If LAN (ext) is active but no redundancy is configured, a message text is displayed in the web interface
- Serial Ethernet gateway: Configurable response timeout for the Modbus gateway
- OpenSSL: Update to version 1.1.1.q
- OpenVPN: Update to version 2.4.12
- Openswan: Update to version 2.6.52
- dropbear: Update to version 2022.82
- stunnel: Update to version 5.67
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##### **Bug Fixes:**

- EBW-L: Sporadically failed DNS name resolution fixed
- EBW-L: cellular modem ist restarted if no DHCP client could be started after a daily logout & login

#### Since version 2.12.20

##### **Functional Change:**

- Connectivity Service: Added new CA-Certificate for Init-Service.

##### **Bug Fixes:**

- EBW-L: Ethernet switch gets reset correctly on restart.

#### Since version 2.12.19

##### **Functional Change:**

- China VPN: DNS resolution via a DnsOverHttps proxy ensures availability if the IP address is changed.
- Update OpenSource Package: Update to ppp2.4.5 including security patches

##### **Bug Fixes:**

- E-mail dispatch: increased reliability

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### Latest Release Notes:

#### Since version 2.12.18

##### **Functional Change:**

- Autoupdate: Update process is delayed after a manual update has been started.
- Update OSS packages: Most of the OSS packages used have been updated. Therefore, please check your PKI for compatibility, e.g. the use of MD5 and convert it to a modern process, for example SHA2 or the changed CRL handling (e.g. last update parameter)..
- Sandbox: System V queues are also supported for EBW-L

##### **Bug Fixes:**

- Mobile: Crash of the web interface fixed if provider is read with CR (0x0A)
- SMS: SMS reception on EBW-L devices is possible again without restarting the modem
- Mobile radio: Provider name is "NONE" if unknown
- MCIP: SMS readout error does not lead to missing status values
- Web interface: Fixed command injection for debug commands
- Web interface: Netmask is no longer deleted when creating a default route
- Serial-Ethernet-Gateway: Connection can be terminated again via ATZ
- RSM: Using correct MAC addresses

#### Since version 2.12.17

##### **Bug Fixes:**

- EBW: unintended deactivation of switch after LAN (ext) configuration fixed
- ASCII configuration: configured SMS protocol (GSM or UCS2) will be exported correctly again
- Quick start of MoRoS LAN or EBW-L: sporadic deactivation of DNS relay fixed
- Update: reliability of update process improved

#### Since version 2.12.16

##### **Functional Change:**

- IPsec: Extension of supported key parameters by hash function SHA2-256 and DH groups 14-18

##### **Bug Fixes:**

- Operation of external ADSL modems with EBW routers: Connections with VLAN tags are supported correctly in PPPoE mode
- SNMP agent: correct function restored (was missing in release 2.12.16)

#### Since version 2.12.15

##### **Functional Change:**

- Internal clock: new time zones for Australia and India (deviating from hourly steps: UTC + 5:30/8:45/9:30/10:30)

##### **Bug Fixes:**

- EBW: intermittent reduced Ethernet data rate during routing fixed (occurred depending on specimen upon re-applying the supply, did not concern EBW-L)

#### Since version 2.12.14

##### **Internal Change:**

- Update of used Open Source programs OpenVPN, OpenSSL, Net-SNMP

##### **Bug Fixes:**

- IMON-U: intermittent failure on quickly succeeding SMS fixed
- EBW-W/-WH: vulnerability to KRACK attack eliminated (WPA2)

Additional information regarding older versions is available from the INSYS support: [support@insys-tec.de](mailto:support@insys-tec.de)

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