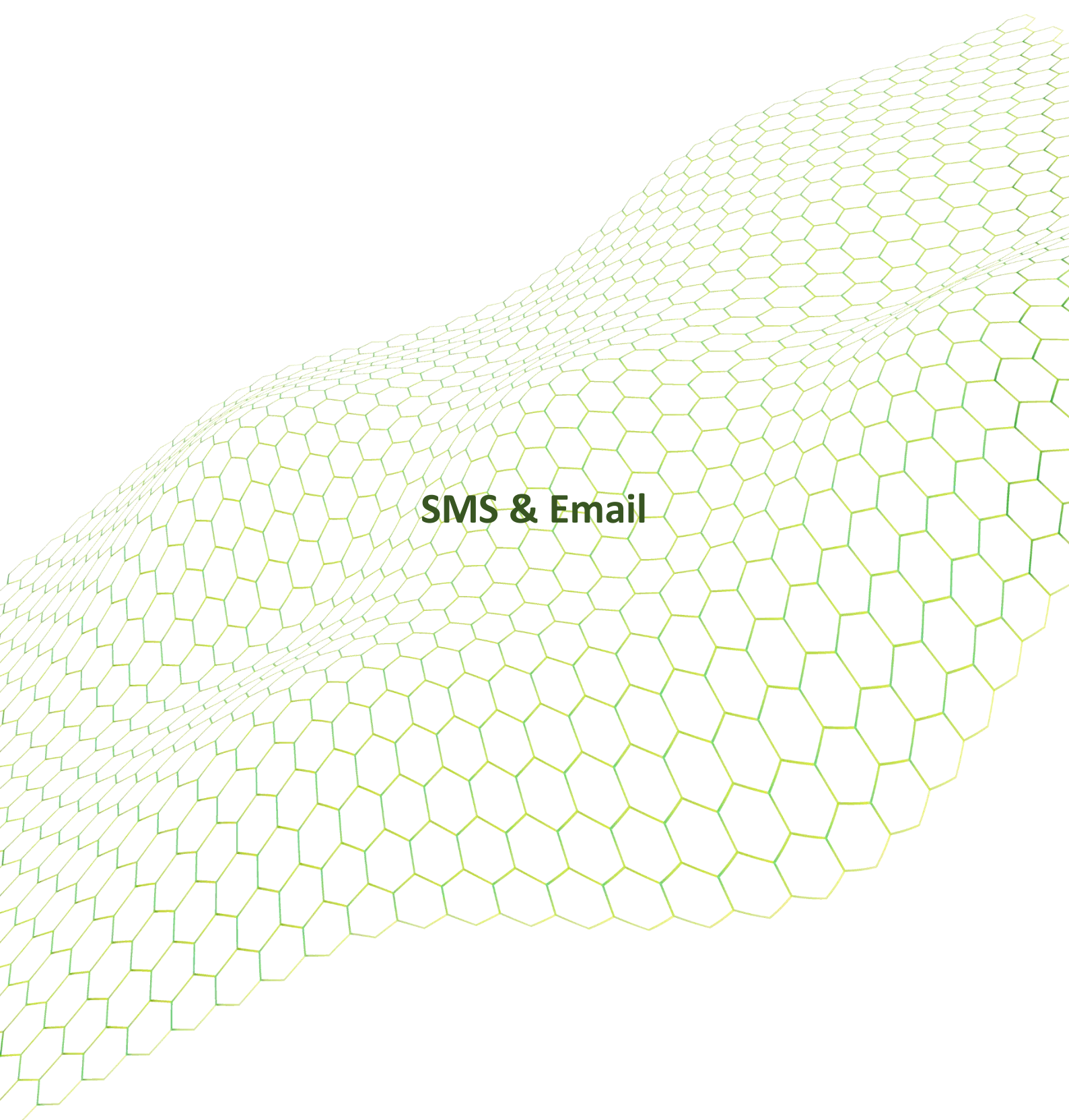




SMS & Email

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Description

This driver is allowing you to send notification via a cellular modem configured with a SIM card belonging to an active cellular account and send email notifications to selected users email using GPRS settings or internet.

Notifications allow user to specify.

Who receives the notification?

What content is in the notification ?

Low and High Alarm limit

Low and High Warning limit

Time interval between two notification

We are using the External or inbuilt Modem as per ProtoConvert model.

Formal Driver type

Ethernet and Serial (DB9)

Client

9600 kpbs (Serial Speed)

External and Internal Modem

1. Modem based on Quectel EC25-E 4G LTE Module

LTE-TDD Bands: B38/B40/B41

LTE-FDD Bands: B1/B3/B5/B7/B8/B20

WCDMA Bands: B1/B5/B8

GSM Bands: 900/1800 MHz

LTE Features: Support up to non-CA Cat 4 FDD and TDD

Support 1.4MHz~20MHz RF bandwidth

Support MIMO in DL direction

LTE-FDD: Max 150Mbps (DL)/50Mbps (UL)

LTE-TDD: Max 130Mbps (DL)/30Mbps (UL)

UMTS Features: Support 3GPP R8 DC-HSDPA, HSPA+, HSDPA, HSUPA and WCDMA

Support QPSK, 16-QAM and 64-QAM modulation

DC-HSDPA: Max 42Mbps (DL)

HSUPA: Max 5.76Mbps (UL)

WCDMA: Max 384Kbps (DL)/384Kbps (UL)

GSM Features:

GPRS: Support GPRS multi-slot class 33 (33 by default)

Coding scheme: CS-1, CS-2, CS-3 and CS-4

Max 107Kbps (DL)/85.6Kbps (UL)

EDGE: Support EDGE multi-slot class 33 (33 by default)

Support GMSK and 8-PSK for different MCS (Modulation and Coding Scheme)

Downlink coding schemes: CS 1-4 and MCS 1-9

Uplink coding schemes: CS 1-4 and MCS 1-9

Max 296Kbps (DL)/236.8Kbps (UL)

2. Power Input : 9-24VDC/2A(for external modem only)

3. The internal modem can be configured for SMS mode or internet mode. In the SMS mode it will only send out SMS alerts, internet connectivity is not possible. While in the internet mode sending out SMS is not possible.