

# Clarinox

3G/GSM  
GPRS

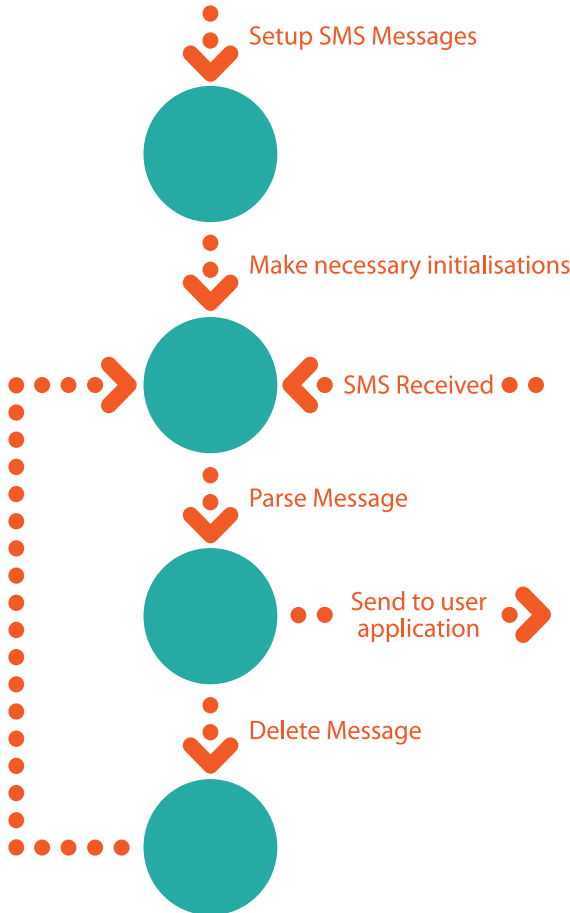


Clarinox

General Packet Radio Service and 3rd Generation  
technology software for mobile networking

# 3G/GSM & GPRS

Clarinox Technologies understands business needs, such as meeting time-to-market and quality imperatives. This understanding translates to a capability that allows us to work alongside our clients, to assist them to optimize the return on their investment and reduce overall project risk. The expertise embedded in the modular software designs developed at Clarinox provide the essential ingredients for successful project outcomes:



## Flexibility

ClarinoxGPRS handles complex applications with a full AT command set compliant to ETSI GSM 07.07 / ETSI GSM 07.05

## Simple API

The simplicity of the ClarinoxGPRS API greatly reduces application development times.

## Modular Design

The implementation is based on ANSI C/ C++. This approach is best suited to handling the inherent complexity of wireless applications. By applying object oriented software development principles Clarinox has achieved an API that is extremely powerful to work with.

## Modules include:

- **GPRS Serial Rx Thread:** Listening serial port for incoming messages
- **GPRS Transport:** Send incoming SMS message to GPRS program
- **Event Distributor:** All AT commands subscribe to this module. The Event Distributor then directs incoming data to the related AT command so providing centralized and coordinated control.
- **GPRS Handler:** This is the main module that handles initializations and connections between applications.
- **GPRS SMS Parser:** Module for parsing incoming SMS

## Portability

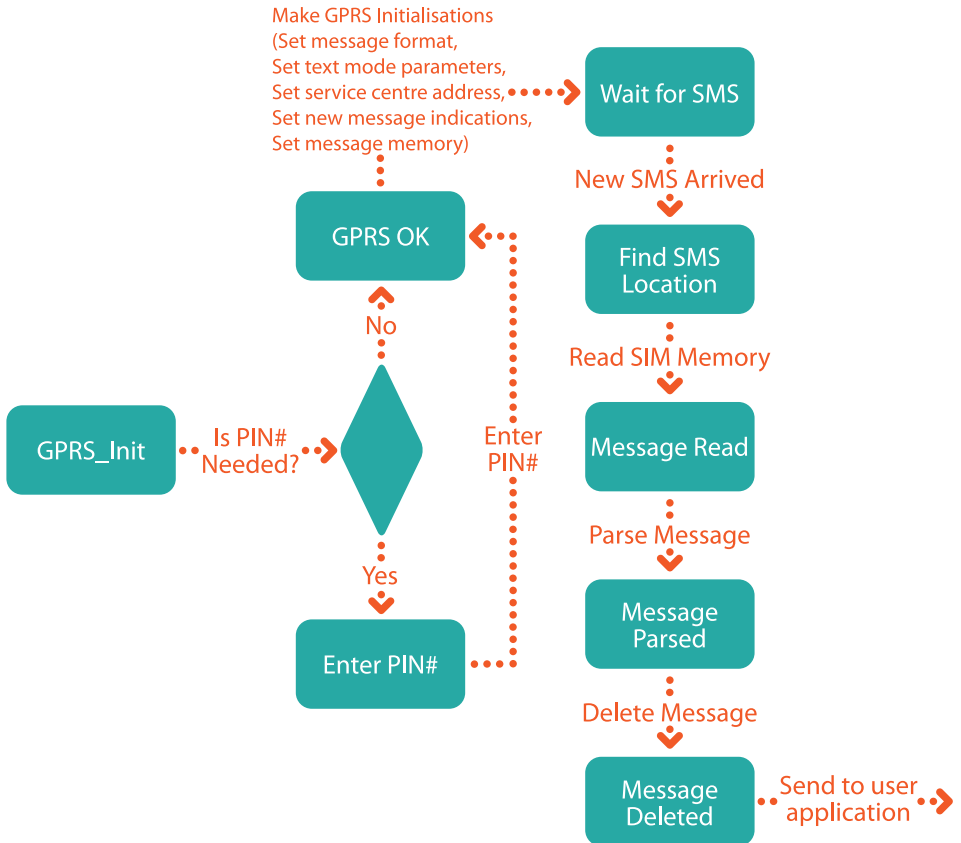
ClarinoxGPRS runs within the ClarinoxSoftFrame infrastructure and thereby provides the ability to construct GPRS applications on a large range of target platforms including Windows, WindowsCE, Linux, uClinux, Cygwin, uITRON, VeLOsity, eCos, QNX, and TI DSP-BIOS.

## Hardware Modules Supported

Various GPRS modules of the following companies are supported:

- Wavecom
- Telit
- Siemens

Sierra Wireless 3G Module is also supported.



## Contact Us

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