

# Monarch LTE Platform

## Narrowband LTE Single Chip Cat M1/NB1 Solution for the Internet of Things (IoT)

Monarch is a single-chip LTE Cat M1/NB1 solution designed specifically for narrowband IoT applications, including sensors, wearables, and other low data, low power M2M and IoT devices.



Monarch complies with the ultra-low-power and reduced complexity feature requirements of the 3GPP release 13 LTE Advanced Pro standard, defining narrowband, low data rate LTE technology for machine-type-communications (MTC). Monarch achieves a very high level of integration whereby baseband, RF transceiver, power management, and RAM memory are integrated into a tiny 6.5 x 8.5 mm package, running Sequans' carrier-proven LTE protocol stack, an OMA lightweight M2M (LWM2M) client for over-the-air device management, and a rich set of AT commands.

**Key selling point(s):** Integrated complete LTE solution for internet of thing

**Key market(s):** Telecommunications, Energy, Factory of the Future, Transportation

**Main customer(s):** Gemalto, LinkLabs, Nimbelink, Fibocom and Encore Networks (publicly announced)

**Systematic R&D project(s):** ECOSCELLS, M44G, SOAPS



Product Website:  
<http://www.sequans.com/products-solutions/streamlite/monarch-lte-platform/>



### SEQUANS COMMUNICATIONS

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**Annual revenue:** 41,29 M€

**Head count:** 220 employees