



Cellular IoT connectivity

Introduction

SNS JU Brokerage Event

ekatranaras@sequans.com
[linkedin.com/in/ekatranaras](https://www.linkedin.com/in/ekatranaras)

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Sequans Introduction

To connect things with cellular

Website: www.sequans.com

Corporate HQ: Paris, France

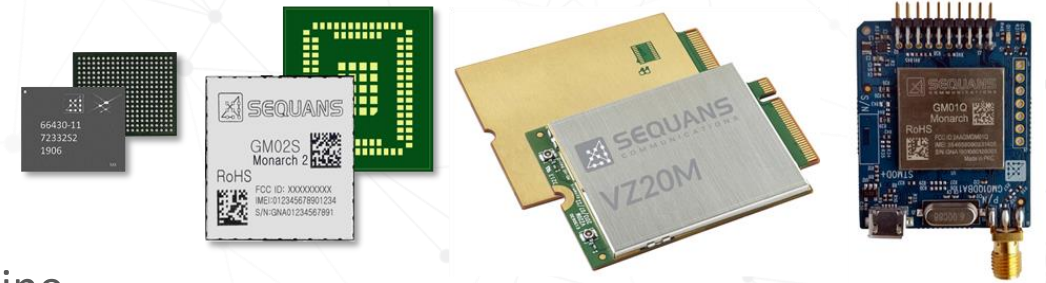
Main R&D facilities in France, England, Israel & Ukraine

Employees: ~325 people in 14 countries (80% R&D & customer support)

Products: 4G/5G chipsets and modules for *Massive IoT* and *Broadband*
to connect everything but smartphone

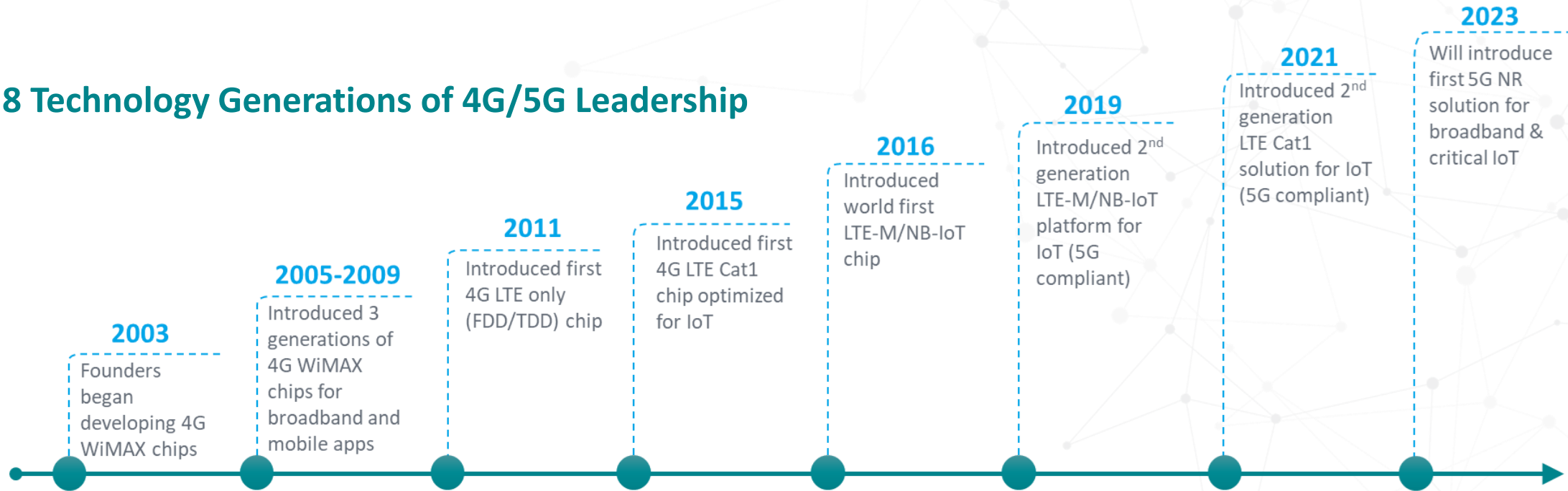
Value Added:

- Sequans owns 100% of its Intellectual Property (chips, software, modules)
- Sequans designs its own semiconductor hardware (baseband & RFIC) and software protocol stacks
- Extensive experience with worldwide certifications and deep relationships with Global Carriers
- Capable of shipping 10M++ modules per year



Sequans Technology Maturity

8 Technology Generations of 4G/5G Leadership



Sequans

Technology and Product Leadership

Sequans offers a **complete range of 5G/4G chips and modules** fully optimized for **non-smartphone** applications

Massive IoT – low throughput, low power, cost optimized
NB-IoT, LTE-M, LTE Cat 1, 5G-NR eRedCap

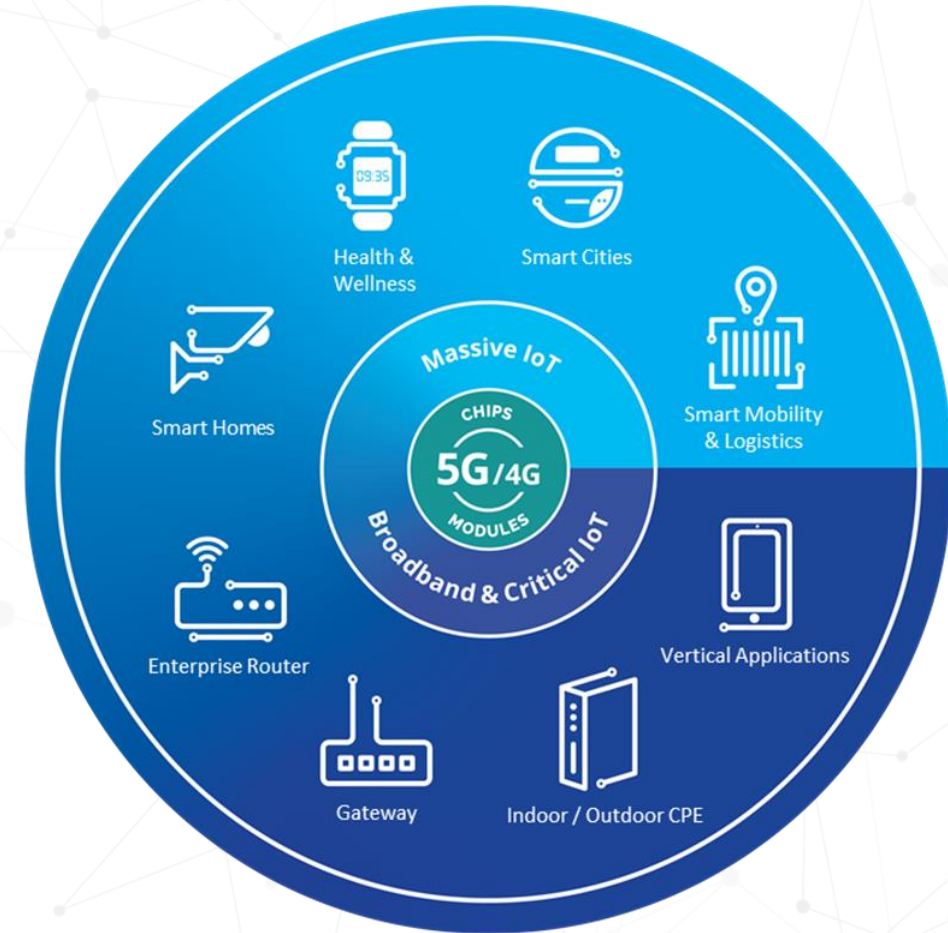
Broadband & Critical IoT – high throughput, low latency
LTE Cat 4-6, LTE Cat 18-19, 5G-NR eMBB, 5G-NR RedCap

Mature, comprehensive portfolio for IoT
From low-power to high-throughput apps

Exposure to entire value chain: IP/chips/modules
Expertise and know-how in all areas

Advanced 5G road map
5G-compatible products sampling now

Cutting-edge technology collaboration
SiP is world's smallest/thinnest LTE solution



Sequans

EU collaboration projects – SNS Call 2024 – Motivation

Cross fertilize “vertical” industries and Telecom industry

*Strengthen European position in key industries:
telecom / microelectronics / software*

Philosophy: *Make easy the connection of non-smartphone objects*

- *user experience*
- *lower complexity & power consumption*
- *security & reliability*
- *flexibility & adaptiveness*

Performance & Value

Sequans

EU collaboration projects – Competency and expectations

Experience and general plans

- Used to contribute to collaborative projects, national or EU level
 - e.g., Hexa-X-II, CENTRIC, 5G-Tours, 5GCAR, Flex5Gware, Ingenious ...
- Leverage our nimble research workforce
 - Few publications / white papers, or patents per year
 - Contributions to standardization (3GPP RAN groups)
- Ideally in topics that could yield to standard contributions and support future Sequans internal development
 - **Device** advancements (power, cost, security)
 - **NTN** enhancements
 - **MIMO & AI**
 - **Evolution of IoT** technology (+ Ambient IoT)



Hexa-X-II



CENTRIC

CORENEXT



INGENIOUS



- + available legacy 4G/5G IoT chipsets*
 - *baseline measurements*
 - *analyse/prototype solutions*
 - *use in PoC, demo ...*

A network diagram background consisting of a complex web of thin grey lines connecting various grey circular nodes of different sizes. The nodes are scattered across the white background, with a higher density in the upper right and lower right areas. A solid blue horizontal band spans the width of the slide, partially overlapping the network diagram.

Thank You!

efstathios

ekatranaras@sequans.com

[linkedin.com/in/ekatranaras](https://www.linkedin.com/in/ekatranaras)