



RFID JOURNAL LIVE!

SEPTEMBER 26 - 28, 2021
PHOENIX CONVENTION CENTER | PHOENIX, AZ

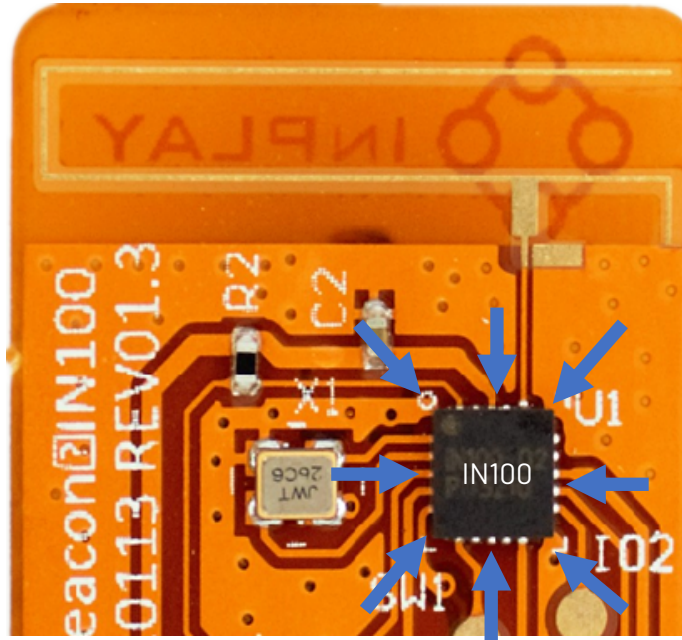
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Russ Mohn

Director of RF & Analog Design
InPlay Inc.



IN100 - Redefining Bluetooth Beacons



- DFN8 2.5x2.5mm
- QFN18 3.0x3.0mm

Key Innovations & Breakthroughs

Optimized for Beacon only

- Bluetooth 5.0 compliant
- Long range mode (125Kbps)

Cost

< 30 cents

Power Consumption

- 1.4uA@10 sec advertising interval-
- 500nA sleep current
- Operating single 1.5V battery
- 1.1 to 3.6V input range

Ease-of-Use

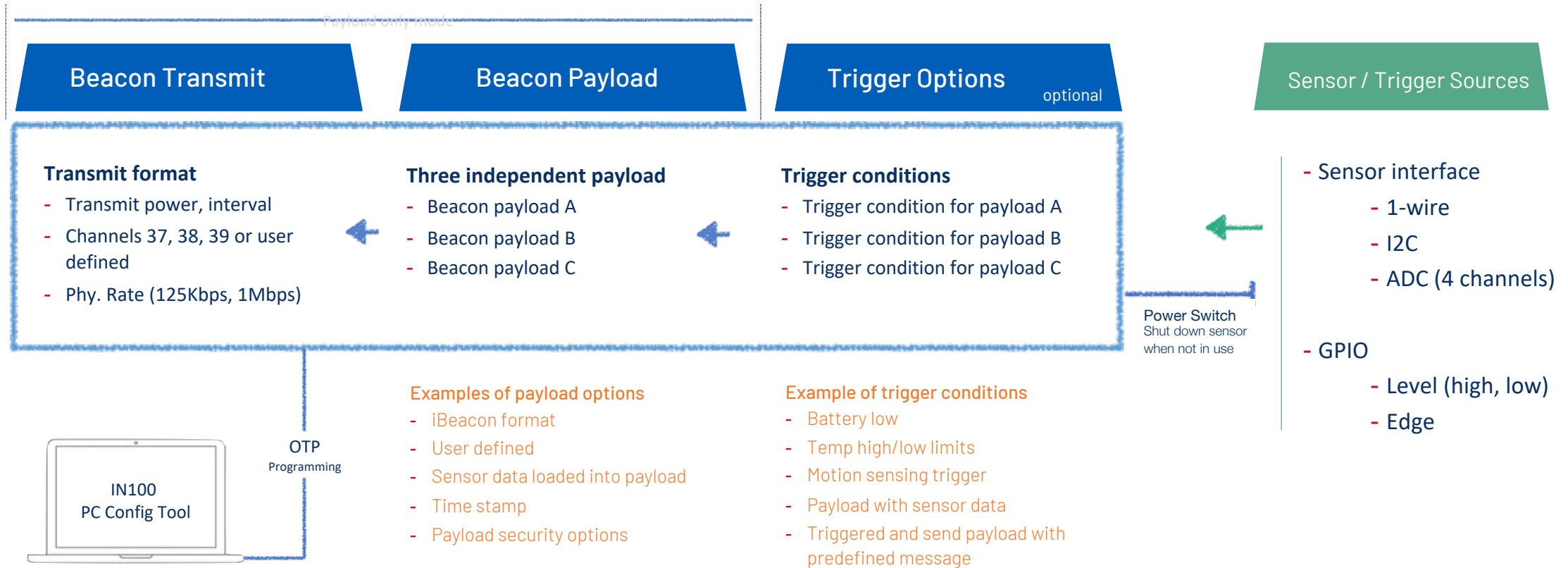
No firmware required



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IN100 Features Overview



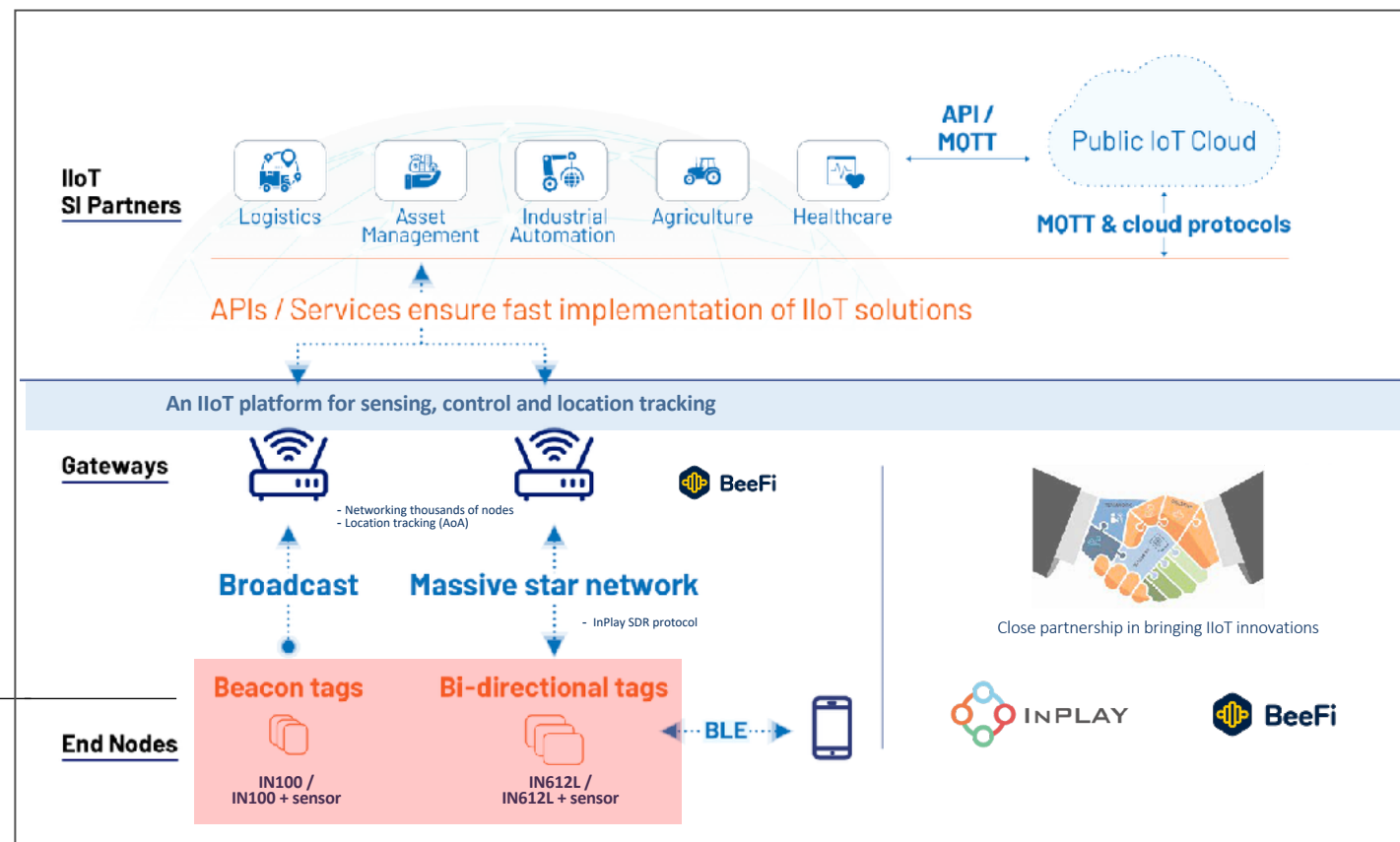
IN100 as Key Part of IIoT Platform

IN100



NanoBeacon™

- IN100 as key part of IIoT platform
- Most competitive end node devices for IIoT solution



IN100 - Huge Market Impact



Logistic / Asset Management

- Active RFID Tag
- Lifecycle Process Management
- Auto Check-In/Out
- Inventory Quality Management



Smart IoT Sensor

- Smart Home
- Smart Building
- Smart Logistic
- Smart Manufacturing
- Smart Agriculture



Smart Healthcare

- Patient ID Tag
- Wireless Body Temp Sensor
- Wireless Glucose Meter
- Health Facility Asset Management

THANK YOU

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