



Infrafon GmbH

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infrafon
your digital companion

Join Infrafon - establish a new device category!

Human workflow Digitalization with Smart Badge

Owned by operator, not by individual.



- Smart Badge dispensed automatically
- temporary use and operator owned
- Ready to use configured and personalized
- automated return and Check-Out
- always online (LoRa, NB-IoT, BLE, WiFi, NFC)
- REST API connect to 3rd party Enterprise Apps

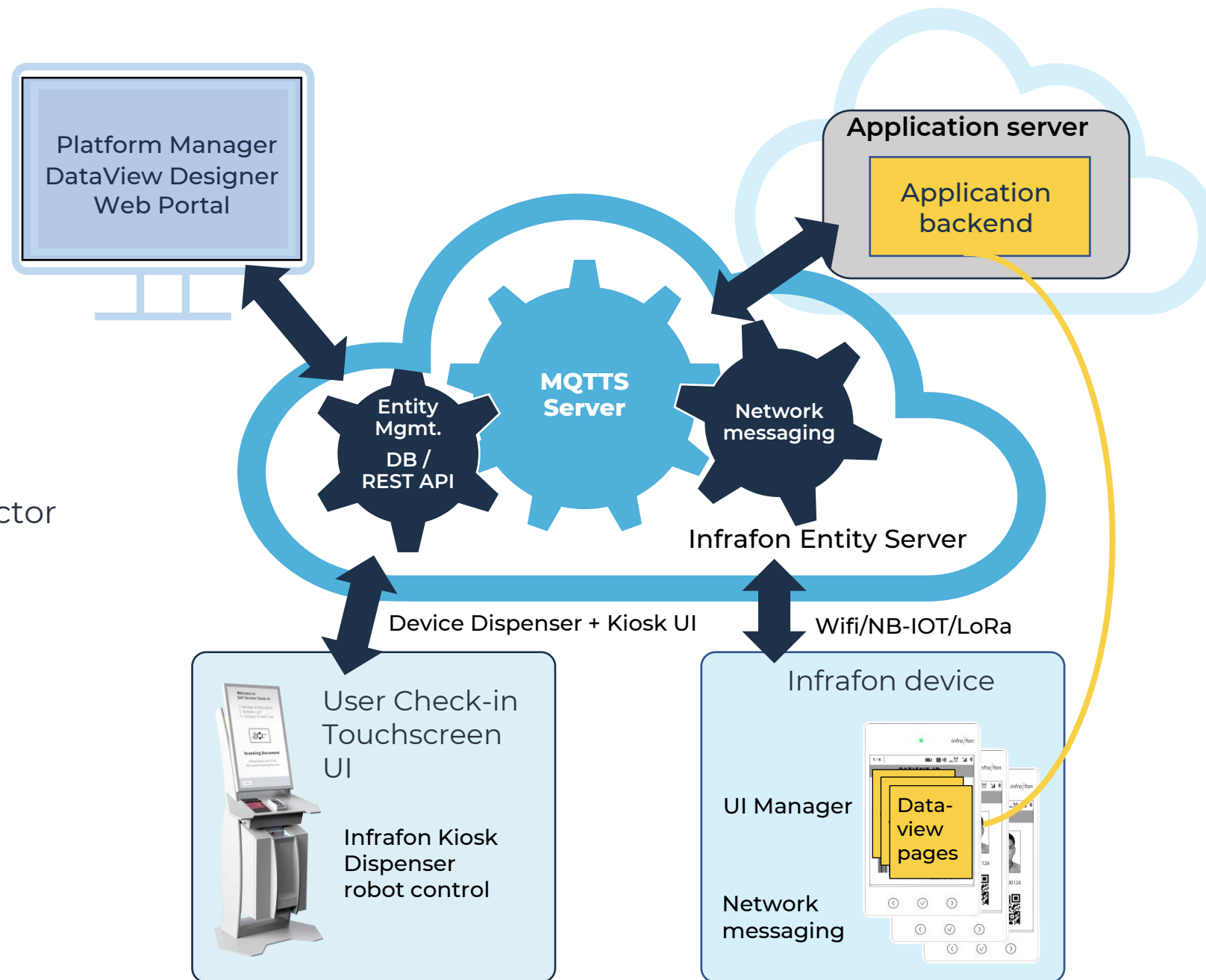


Infrafon CC1

- Interactive touch epaper 600x480 pixel
- 2 x NFC RFID, MIFARE
- WLAN 2.4GHz
- Bluetooth (ESP32 Mesh enabled)
- LTE-M (Sequans Monarch GM02S)
- LoRa 886/915Mhz, mesh enabled
- NXP SE050 Edge Lock security (EAL6+) secure element
- Bosch BMA423 3-axis, low-g high definition acceleration sensor,
- GNSS Reyax RYS8833 GPS localization
- Polyphonic buzzer + vibrator
- First 1000 pieces under production (Dec. 2021)

Secure Backend

- Cloud or on premise
- MQTT Architecture
- Secure 3rd party connector REST API
- Dataview designer GUI templates
- 3rd party ISVs (Q4/21)



Infrafon Use cases:

- When Smartphones not available 100%
- When interaction can bring efficiency up
- precise BLE RSSI / Quuppa indoor location
- LTE / LoRa redundancy
- When IOS/Android Apps not feasible
- smart Building to be operated by NFC
- Focus on privacy and security
- Consolidate functions to one single I&f
- Secure staff processes with proof of time, location and ID

