
SNYPER™
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OK
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Introducing the NEW SNYPER – 5G &IOT

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Design features

New Vibrant and easily distinguishable bumper colours

Introduction of an integrated belt clip

Convenient for Field Engineers

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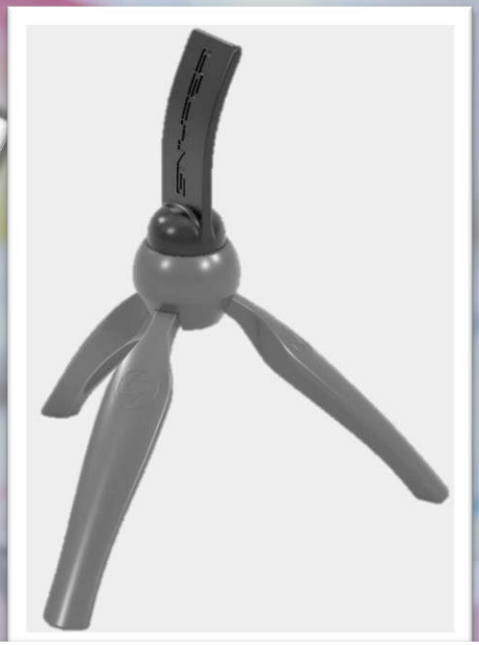
Practical Design



Additional Belt Clip Feature which will clip on to a newly designed tripod mount for longer duration surveys

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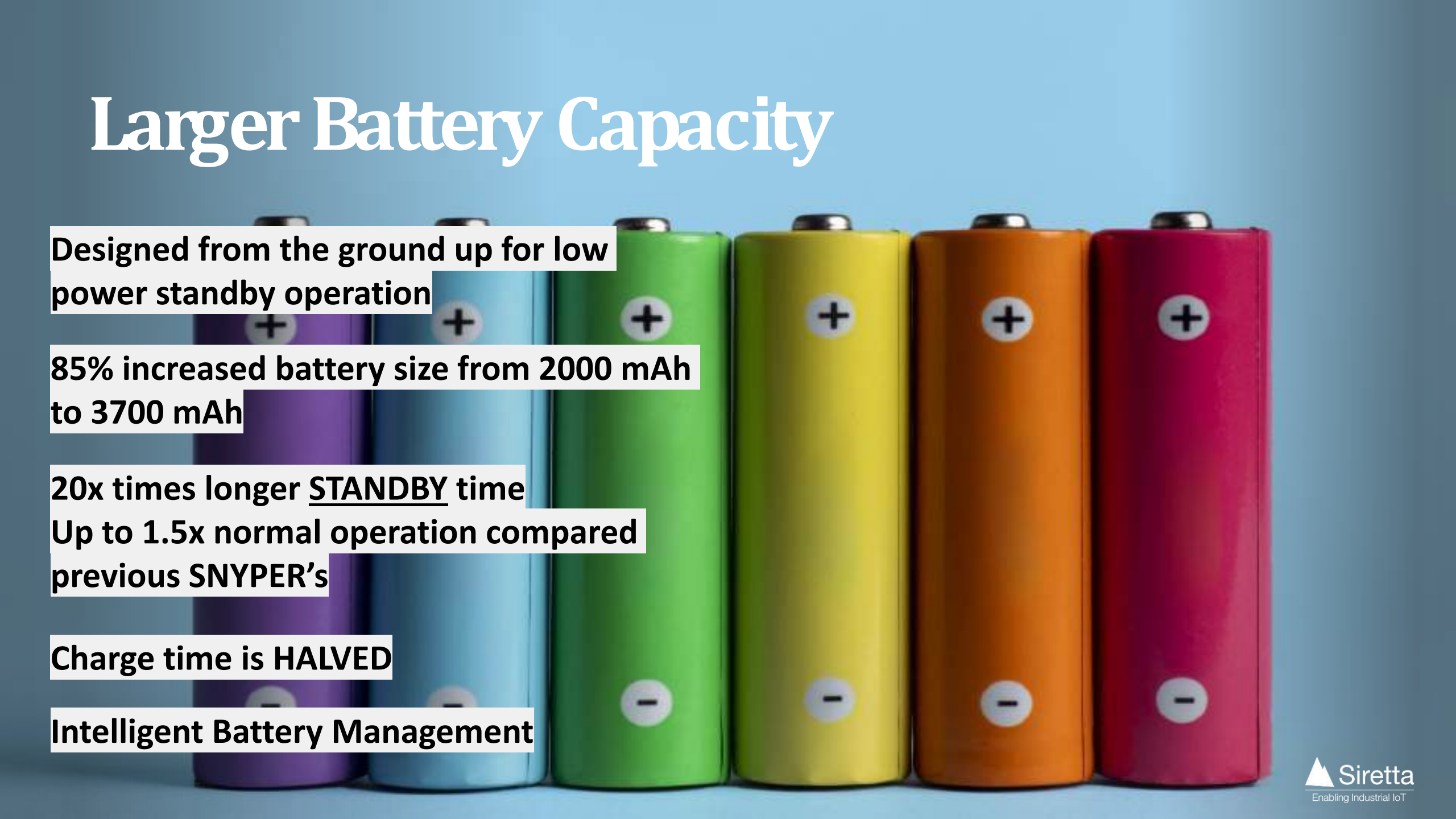
Larger Battery Capacity



Designed from the ground up for low power standby operation

85% increased battery size from 2000 mAh to 3700 mAh

20x times longer STANDBY time
Up to 1.5x normal operation compared previous SNYPER's

Charge time is HALVED

Intelligent Battery Management

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USB-C Connectivity

FASTER CHARGING TIMES

UNIVERSAL CONNECTIVITY

FASTER DATA TRANSFER RATES

SIMULTANEOUS MULTI MODE OPERATION (PLUG AND PLAY)

Improved Display

Display optimised from 320 x 240 to a High Resolution 640 x 480 Pixel TFT Screen

40% increased Brightness to provide clearer daylight viewable results no matter the lighting conditions

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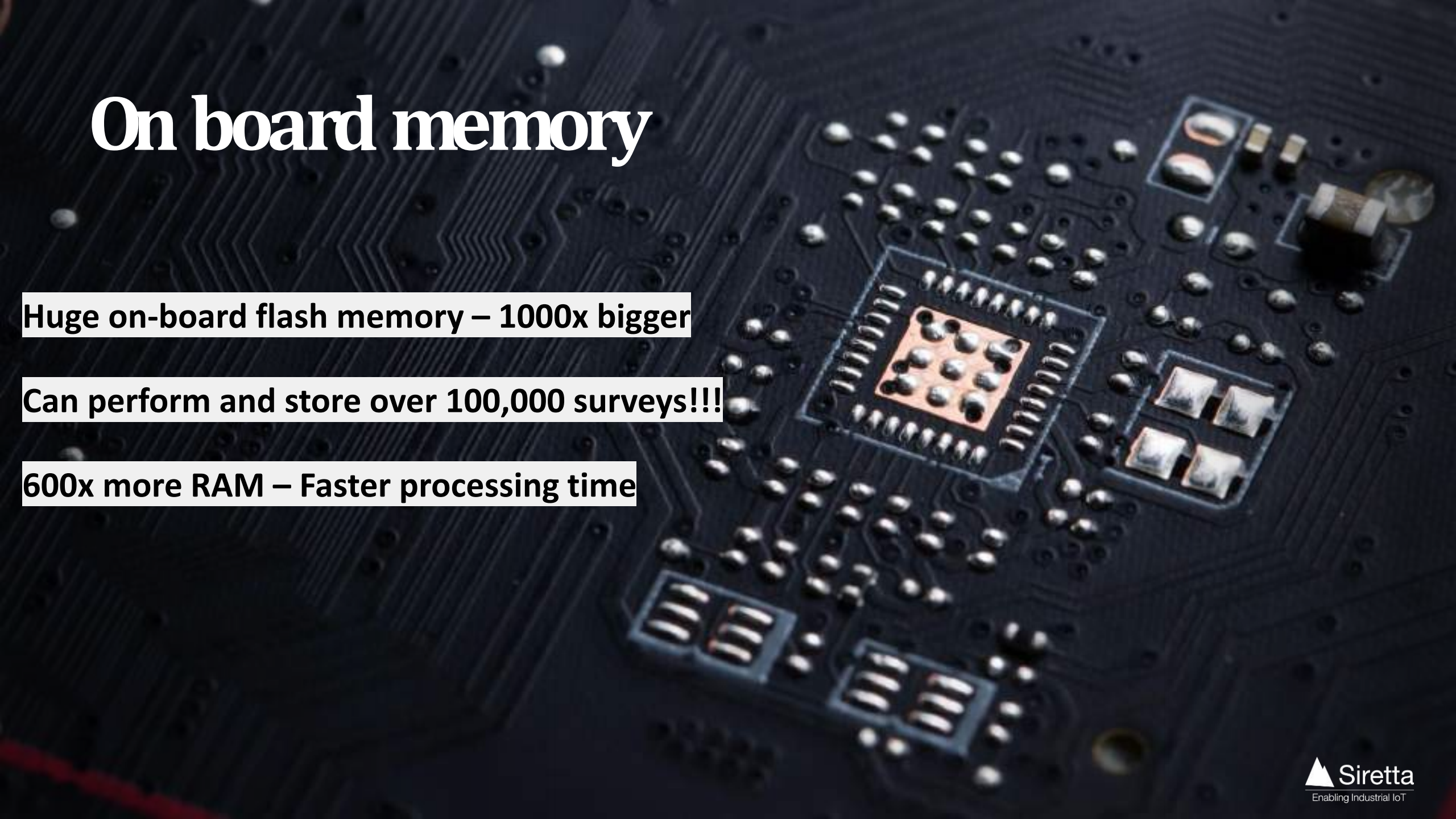
On board memory



Huge on-board flash memory – 1000x bigger

Can perform and store over 100,000 surveys!!!

600x more RAM – Faster processing time

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Improved Architecture

LINUX BASED OS – IMPROVED PERFORMANCE AND RELIABILITY

IMPROVED GRAPHICS ENGINE – RICHER USER EXPERIENCE

INTERNAL DATABASE – LIGHTNING FAST DATA ACQUISITION AND ROBUST STORAGE

FUTURE PROOF NEXT GENERATION PLATFORM – LIMITLESS POSSIBILITIES FOR FUTURE MODELS

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SNYPER·IOT GRAPHYTE

Features

- LTE-M, NB-IoT & GSM Capability
- **3x** Increased Global Band Support
- LTE-M, NB-IoT & GSM LiveSCAN Feature
- Returns all visible network cells
- Full Network Cell Information
  - dBm
  - RSRP
  - RSRQ
- **15x** Faster network acquisition/surveys
- **UNLIMITED** sequential surveys
- CloudSURVEY Compatible
- Higher Resolution Screen
- Larger Capacity Battery
- Integrated Belt Clip for convenience

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Network Band Coverage

SNYPER-IOT GRAPHYTE

Cat-M B1/ B2/ B3/ B4/ B5/ B8/ B12/ B13/ B14/ B18/ B19/ B20/ B25/ B26/ B27/ B28/ B66/ B85

Cat-NB B1/ B2/ B3/ B4/ B5/ B8/ B12/ B13/ B18/ B19/ B20/ B25/ B26/ B28/ B66/ B71/ B85

GPRS 850/ 900/ 1800/ 1900

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SNYPER-5G GRAPHYTE

Features

- 5G (NR), 4G LTE, LTE-M, NB-IoT & GSM
- **5x** Increased Global Band Support
- 5G (NR), 4G LTE, LTE-M, NB-IoT & GSM LiveSCAN Feature
- **2x** Faster network acquisition/surveys (5G/LTE)
- **UNLIMITED** sequential surveys
- CloudSURVEY Compatible
- Higher Resolution Screen
- Larger Capacity Battery
- Integrated Belt Clip for Convenience

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Network Band Coverage

SNYPER-5G GRAPHYTE

5G (NR) n1/ n2/ n3/ n5/ n7/ n8/ n12/ n13/ n14/ n18/ n20/ n25/ n26/ n28/ n29/ n30/ n38/ n40/ n41/ n48/ n66/ n70/ n71/ n75/ n76/ n77/ n78/n79

4G LTE B1/ B2/ B3/ B4/ B5/ B7/ B8/ B12/ B13/ B14/ B17/ B18/ B19/ B20/ B25/ B26/ B28/ B29/ B30/ B32/ B34/ B38/ B39/ B40/ B41/ B42/ B43/ B46/ B48/ B69/ B71

Cat-M B1/ B2/ B3/ B4/ B5/ B8/ B12/ B13/ B14/ B18/ B19/ B20/ B25/ B26/ B27/ B28/ B66/ B85

Cat-NB B1/ B2/ B3/ B4/ B5/ B8/ B12/ B13/ B18/ B19/ B20/ B25/ B26/ B28/ B66/ B71/ B85

GPRS 850/ 900/ 1800/ 1900

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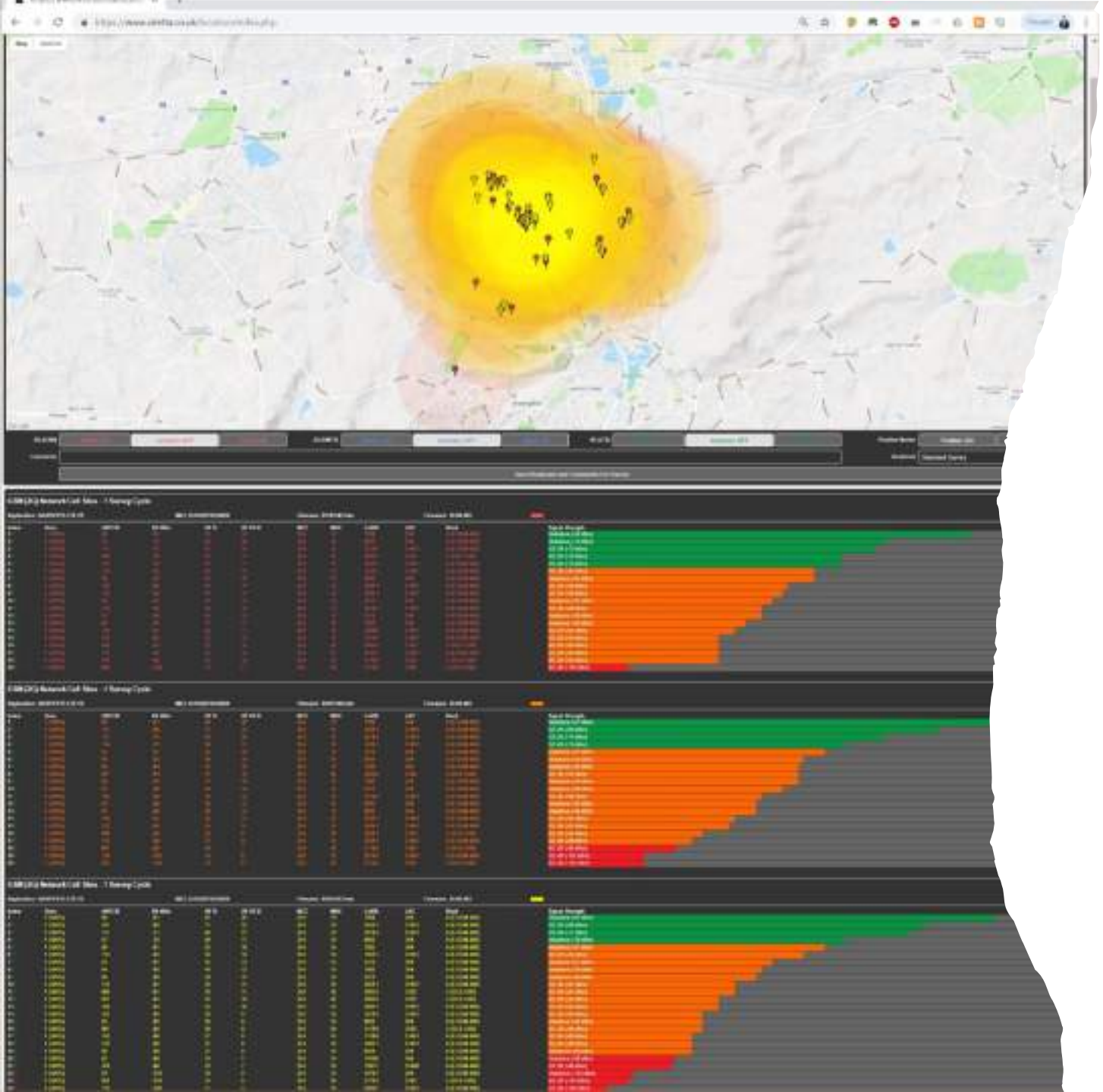

CloudSURVEY

- Store all surveys in a central location
- Label & categorise surveys
- Recall & compare surveys
- Automatically calculate network dominance and availability
- Detailed network performance data
- Switch between network technology base-stations
- Displays ~ base-station position*
- Show network signal strength & network drop out heat maps*

*** Map data dependant**

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Getting started

All SNYPER-IOT and 5G GRAPHYTE models will require **SirettaSPARK.**

SirettaSPARK will update the SNYPER model to the latest firmware version prior to first use.

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SirettaSPARK

The SirettaSPARK Tool is an automated device management application developed by Siretta to simplify the process of keeping your devices up to date with the latest software and firmware.

Compatible devices

- **SNYPER**
- SENTRY
- SirettaLINK (SL500)
- ZETA-xxP Modems

Additional features provided by SirettaSPARK

- Device Configuration
- Debugging logs saved to a local log file
- Debugging logs saved remotely to Siretta cloud for review
- Store network connectivity logs
- Simple two-click 'Remote Desktop' assistance

The SirettaSPARK integrated tools provide automated device updates and allow the Siretta Engineering team to understand and debug any underlying issues with your application integration remotely.

Available to download from the Siretta website

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Recap

1. New Colourways
2. Belt Clip System
3. USB-C
4. Improved Battery Performance
5. Improved Memory
6. High Resolution Screen
7. Extensive LTE-M and NB-IoT Coverage
8. Extensive 5G NR Coverage
9. 520% increased LTE Band Coverage!!
10. 5G SNYPER also has NB-IoT and LTE-M Capability

5G Radio & Network Configuration

5G NR Non-standalone (NSA)
5G NR Standalone (SA)

5G (NSA) uses 5G NR wireless standard and existing LTE core network infrastructure

- Effectively only supports enhanced mobile broadband (eMBB)
- High power implementation with 5G NR and 4G LTE networks required
- Lower cost, simpler & faster rollout, pathway to true 5G solution

5G (SA) uses 5G NR wireless standard and new 5G core network infrastructure

- Supporting enhanced mobile broadband (eMBB)
- Supporting ultra reliable low latency communications (URLLC)
- Supporting massive machine type communications (mMTC)
- Lower power implementation with only 5G infrastructure required
- Supports many more use cases and is more scalable & flexible
- Higher cost to implement

SNYPER-5G fully supports SA networks
SNYPER-5G partially supports NSA networks – Currently being worked on

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Launch Schedule

End of October 2023 for NPI

1st Deliveries Early Q1 2024

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