Let's get acquainted.

We're your next design and manufacturing partner.

embedded world 2025

We believe in making technology accessible

and shaping the future.

This is our why.

In just 6 years, SG provided a million families

in Africa the opportunity to work towards

their goals and escape poverty.

How it started

- Customer is a fintech company that provided electricity to homes in Africa using a pay-as-you-go business model

- The customer approached us in 2013, saying:

" *If we don't design and manufacture a product within a year, **we're done**.*

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The SG set-up

- Manufacturing facility set up at unconventional location at Havant, UK for small volume production, while Dongguan, China facility provides mass production support

- Design offices established at both the UK and China to offer value-added services

Proof-of-concept to production in 9 months:
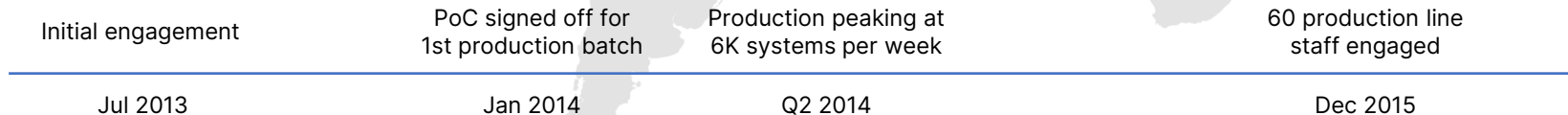
Havant, UK:
- Small volume production
- Value-added design

Dongguan, China
- Mass production

Africa

Initial engagement	PoC signed off for 1st production batch	Production peaking at 6K systems per week	60 production line staff engaged
Jul 2013	Jan 2014	Q2 2014	Dec 2015

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Laying the foundation

- The customer is now serving 5 million end users across Africa.

- SG has supported them in **making technology accessible** so it can be leveraged to help improve people's quality of life.

- It is under such conditions that people can turn their thoughts towards **shaping a future** that may not have been easily attainable before.

BBC NEWS

US President Obama signs Africa electricity plan into law

9 February 2016

President Obama promoted the scheme during his tour of Africa last year

We provide smart connectivity solutions to empower continued efforts in advancing the healthcare industry.

Wireless Emergency Call System

Main Unit

BLE Range Extender

BLE Panic Button

o **Main Unit**
Indoor **BLE-to-LTE** 4G network access point **supports eight Panic Buttons**.

o **BLE Range Extender**
Flexibly propagates signals **around corners and through concrete**, powered by Nordic nRF52840.

o **BLE Panic Button**
Robust wearable ensures **constant and instant one-second connection** with minimal blind spots.

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Continued advancements

	Wireless Emergency Call System *New launch*	Emergency Call System *Legacy product*
Responsiveness	Proactive o Continuous service expansion for predictive elderly care: medical sensors, fall detection, preventive alerts o Call back via voice broadcasting	Reactive o Used as-is o Treatment rather than prevention
Coverage	o 4G LTE and 2G for all network operators o Range extension available	o Fixed landline o Physical proximity required
Design	o IP65, IP66, IP68 waterproof certified o Plug-and-go installation	o Insufficient for prolonged water contact o Technical support required

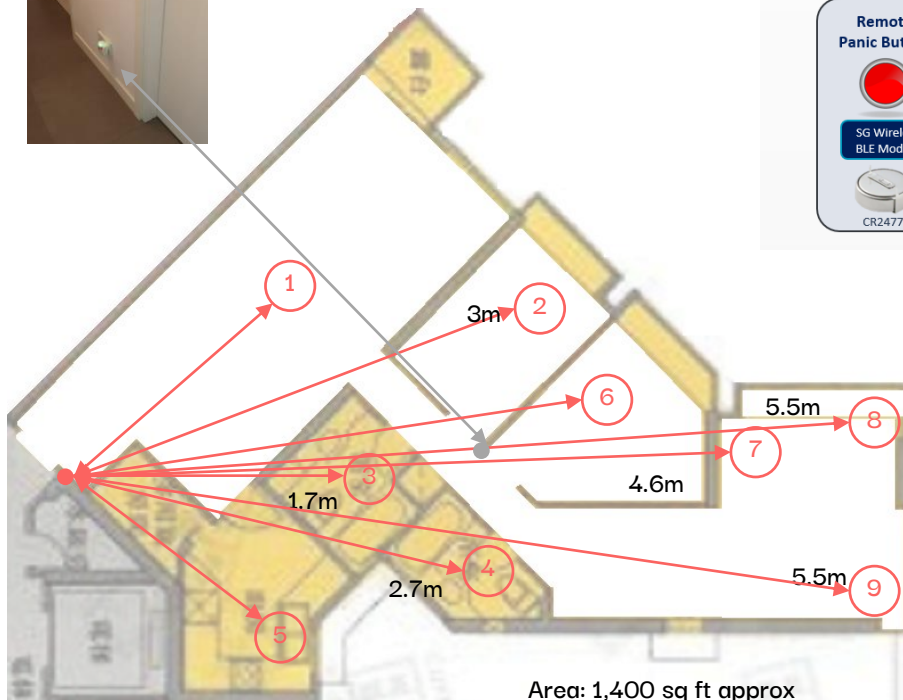SEASON GROUP

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Breakthrough for assured safety

- 🔴 Wireless System (1m above floor)
- ⭕ BLE Panic Button
- ⚫ BLE Range Extender
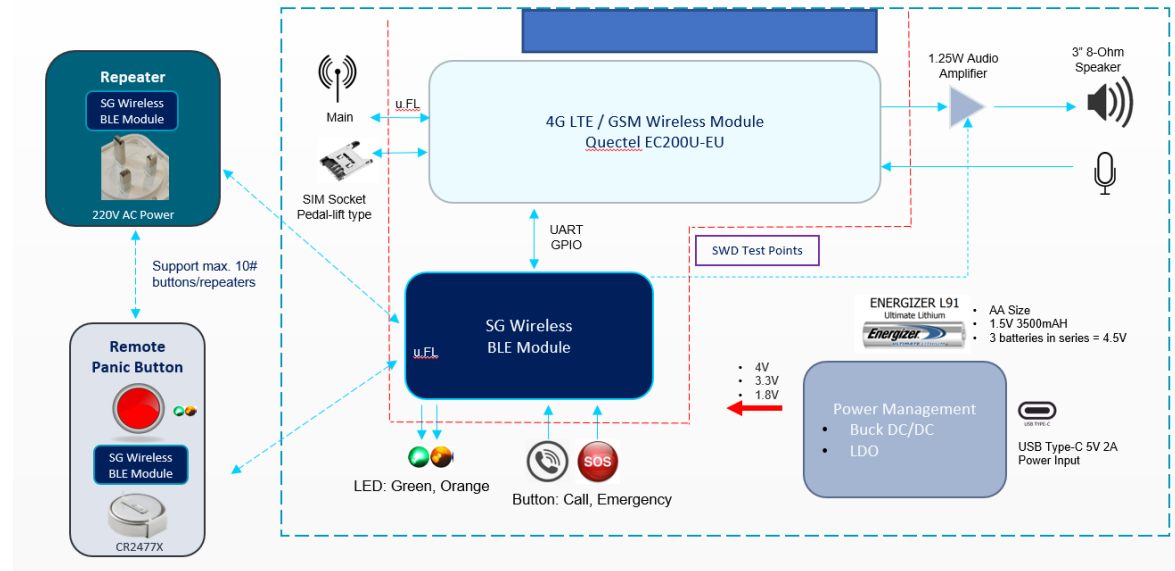
System Block Diagram

Indoor Range Tested and Proven across 1,400 sq ft.

Area: 1,400 sq ft approx

We provide smart connectivity solutions to empower continued efforts in advancing power and utilities.

Modularity for flexibility

Basic Input and Output Modules
- o Standardizing AC, DC Power module
- o Design enables flexibility in connecting input and output power modules, simplifying wire assembly

Surge Protection Modules
- o Variants for multi-MOV and series mode surge protection
- o FCC and EMC-certified

Modular Front Panel
- o Easily installed by direct mounting on metal chassis
- o Enables user-specific interface while maintaining consistency of design language

Basic Input Module

Basic Output Module

Multi-mount Output Module

Surge Protection Module Multi-MOV

Surge Protection Module Series
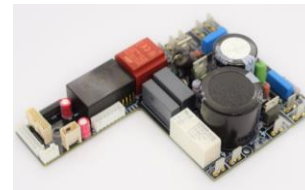
Dual Coil Series Inductor

Front Panel – Version B

Front Panel – Version S

Front Panel – Version P

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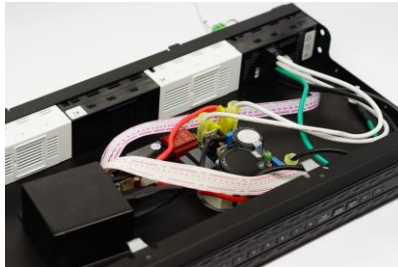
Modular design for power distribution

- Pre-built modules simplifies final assembly for easy build-to-order

- 2 product lines with total of 24 SKUs shipped at product launch, using only 6 modular components

- Flexibility for product line expansion

Product Line H

Product Line C

Let's create *something great*

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