
Road to LPWA with CF3™ modules

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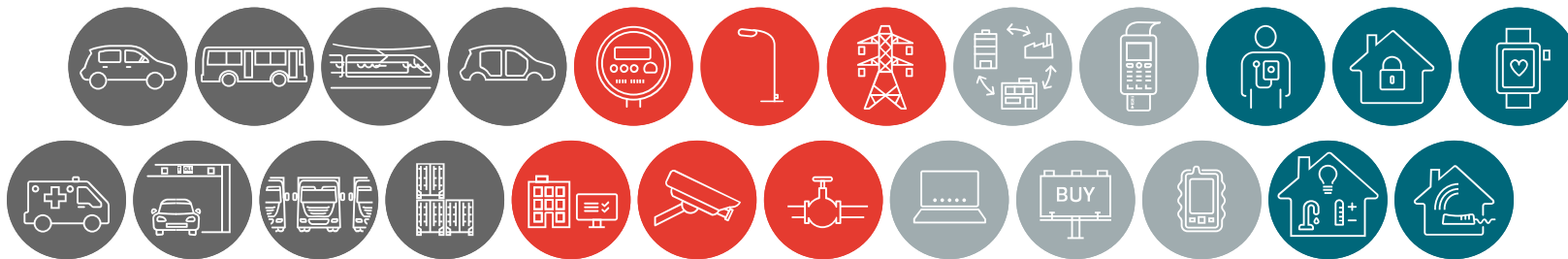
LPWA, massive opportunity across market segments

Automotive
& Transport

Energy
& Industrial

Enterprise

Residential
& Healthcare



Enabling scale across markets and applications



LPWA, one piece of a global innovation

LPWA Innovation



**Low power
Consumption**

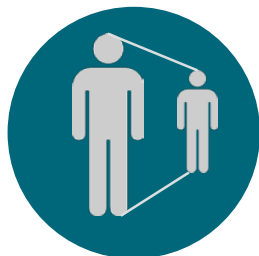


**Deep
Coverage**



**Low
Complexity**

Modules Innovation



**Smaller
Modules**



**Unified
Modules**



**Smart
Modules**



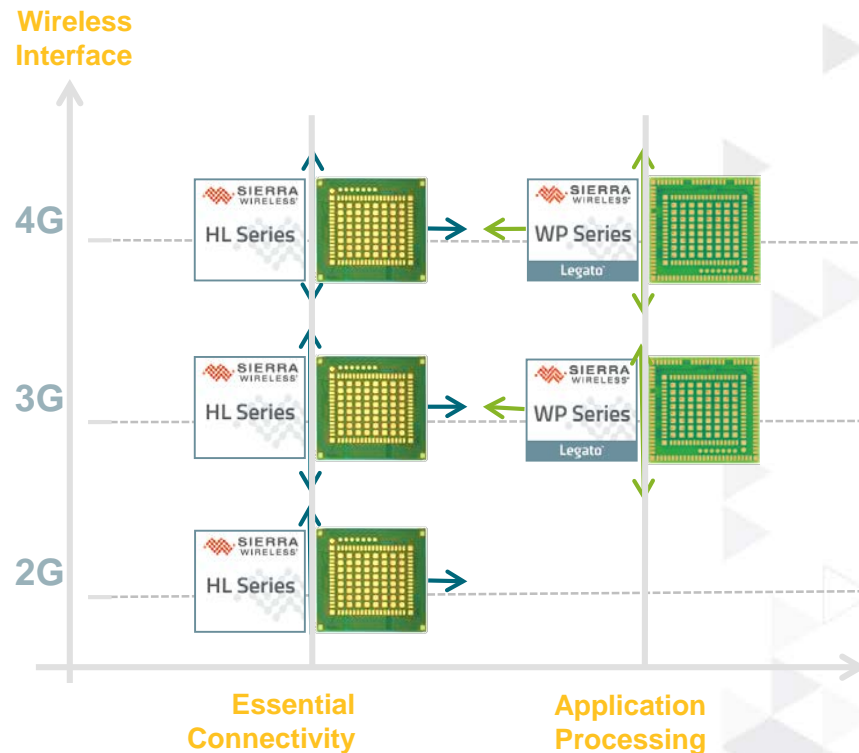
CF3™ standard

Common .. Generations | Technologies

Flexible Solder-down | Socket-able

Form Fixed Size

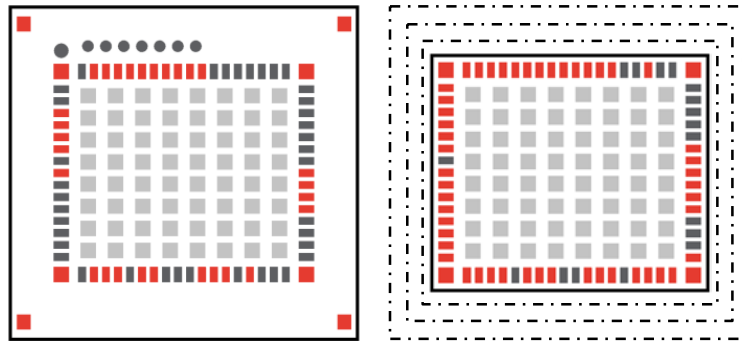
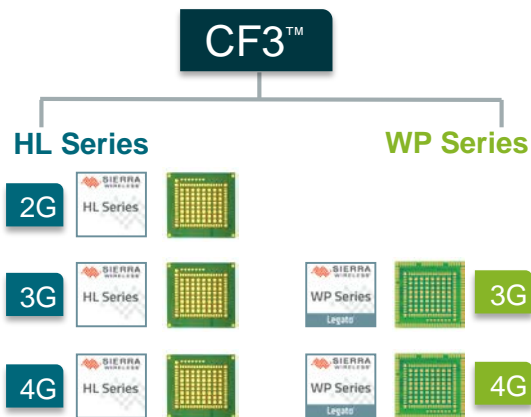
Factor Standard Footprint





CF3™, a footprint created with LPWA in mind

22x23 is the smallest scalable form factor for cellular IoT today



Essential peripherals on internal ring for further miniaturization



SMART integrated module, ideal for LPWA

WP Series features:

- Integrated processor
- Application framework
- Ultra-low power mode



SMART offer is simplifying IoT,
we need a SMART solution for LPWA.



What does a SMART LPWA solution look like?



LTE CAT-4/ CAT-3/ CAT-1

- High throughput
- Application processor
- Operating system
- Large memory
- Low power mode

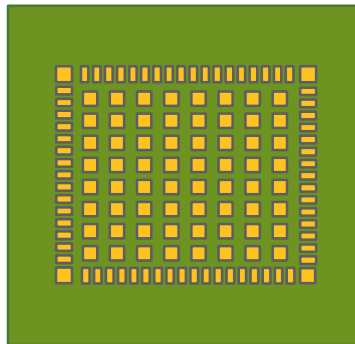
LPWA

- Low throughput
- μ Controller
- RTOS
- Reduced memory
- 10-year battery life

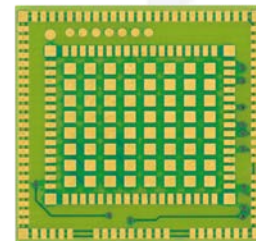
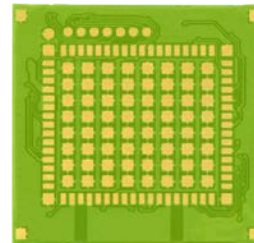




CF3™, paving the way to LPWA



CF3™





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