

Security Level:

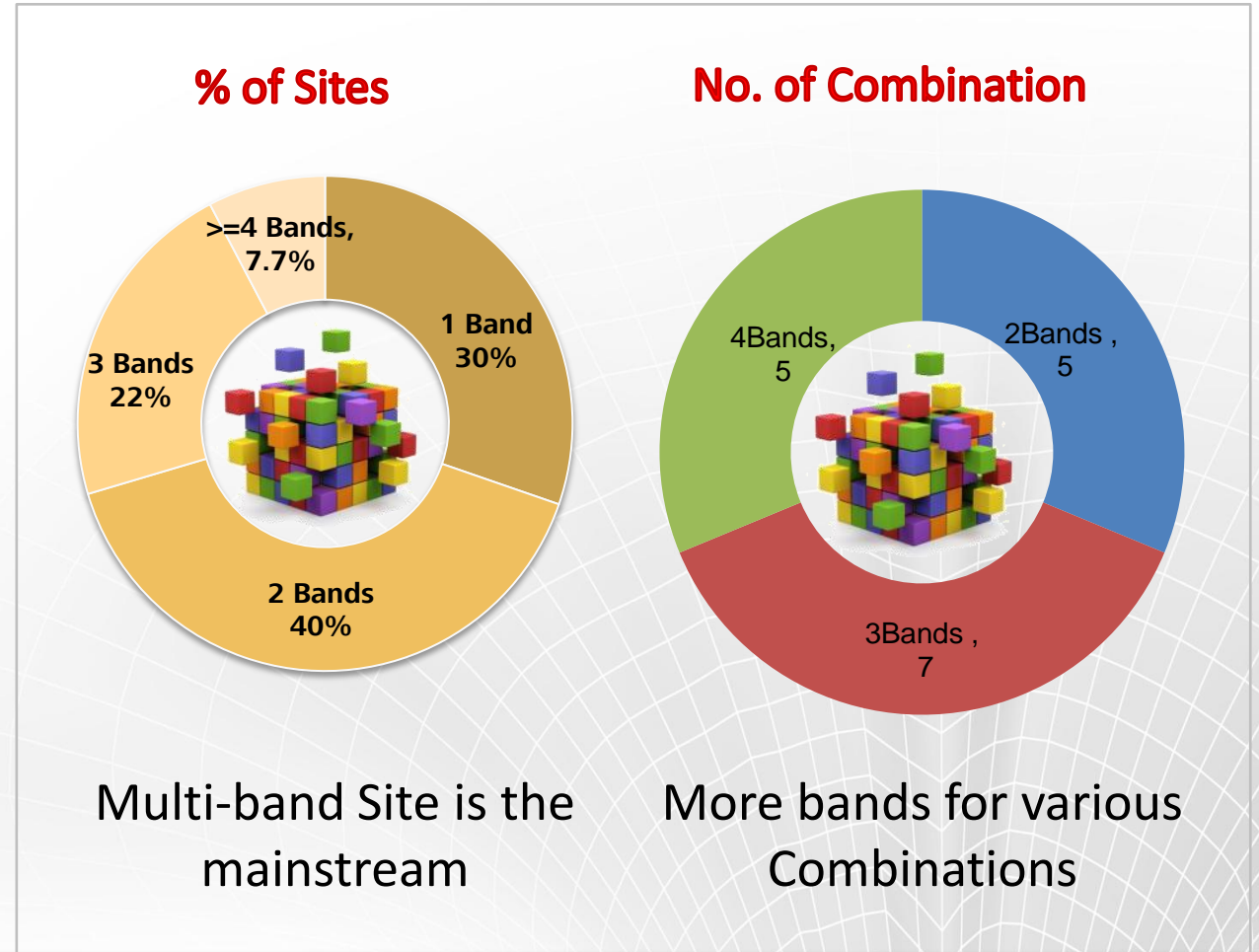
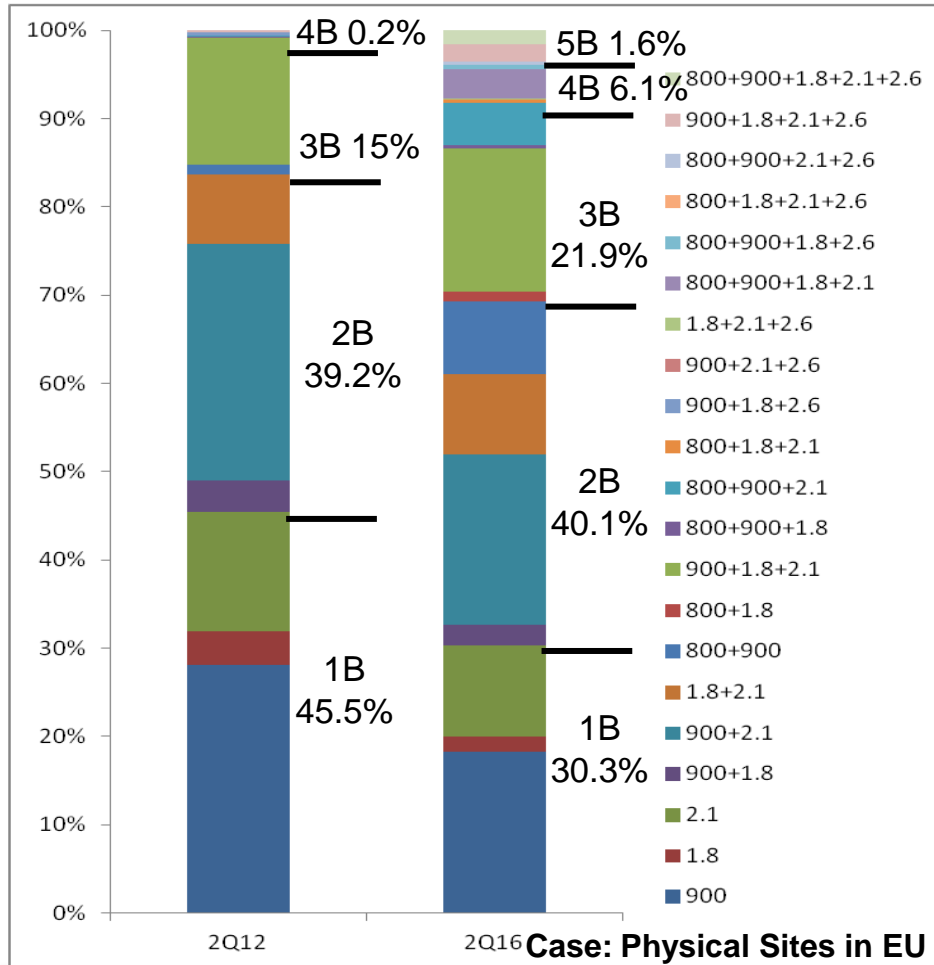
Blade RRU Solution

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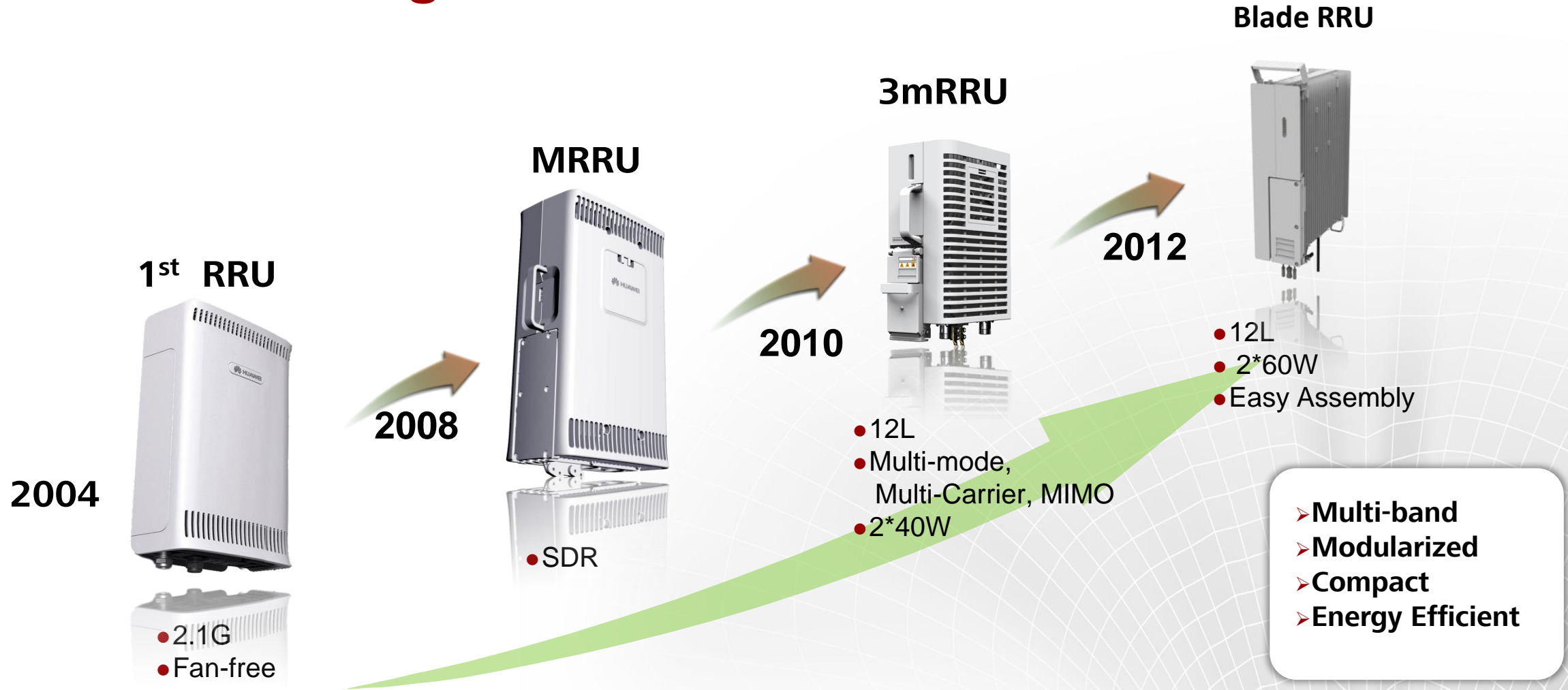


MBB Challenge: More Bands Make Site Complicated



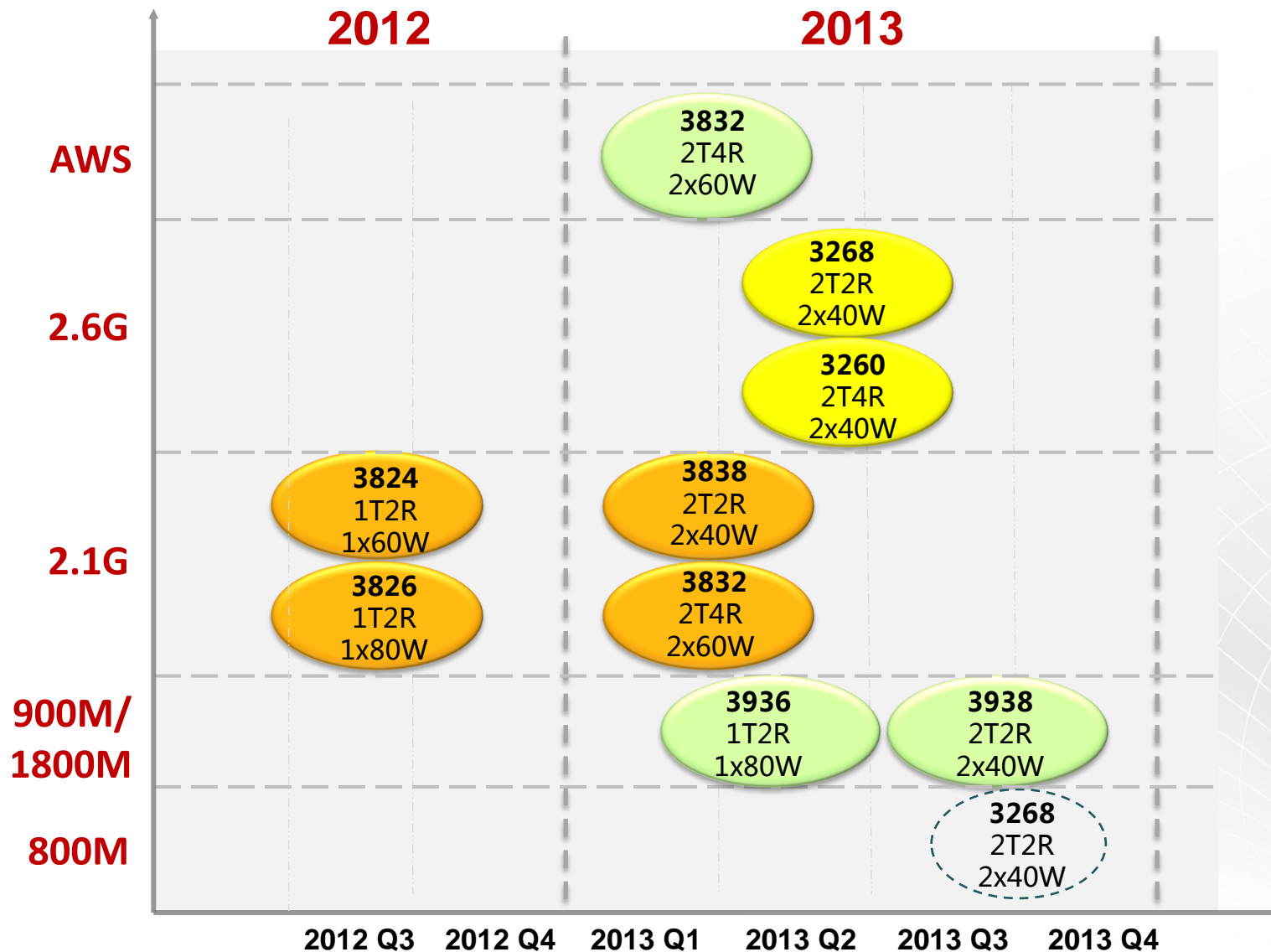
Clean Sites and **Spectrum Scalability** are key requirements for multi-band, multi-RAT site solutions.

RRU is Entering into the “Blade” Era



Blade RRU Meeting the MBB trend towards Multi-band and Multi-Mode

Blade RRU Portfolio



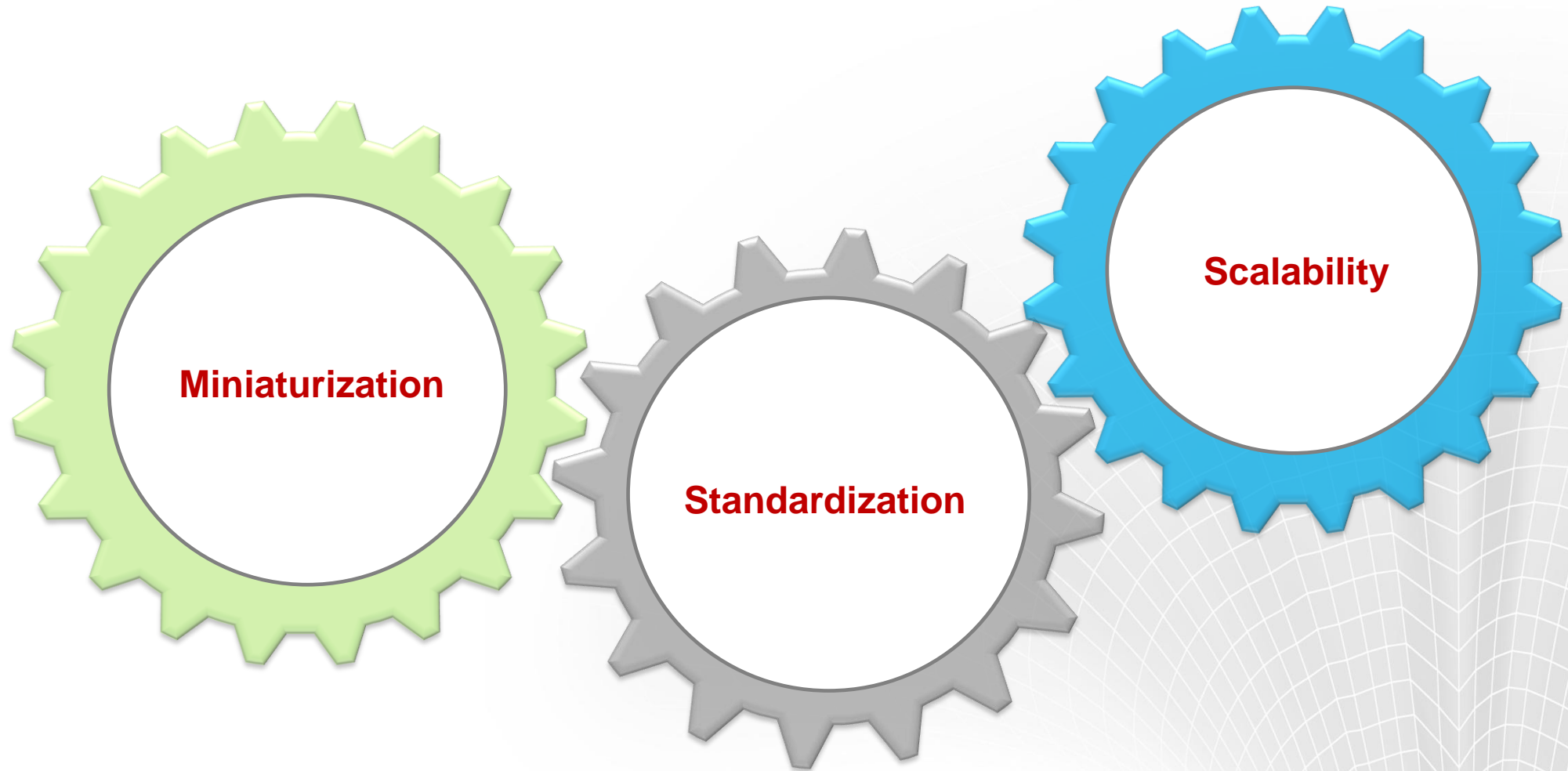
✓ Blade RRU (2.1G) available for rollout in Q3, 2012

✓ Blade RRU portfolio will cover all mainstream bands by 2013

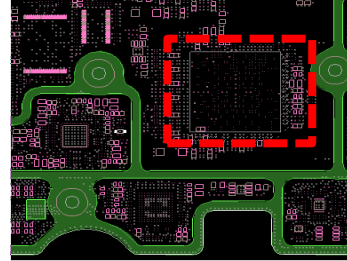
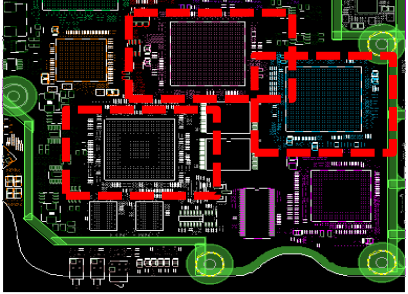
✓ More bands will be supported by Blade RRU according the market needs beyond 2013

Note: 800M RRU3268 is under planning

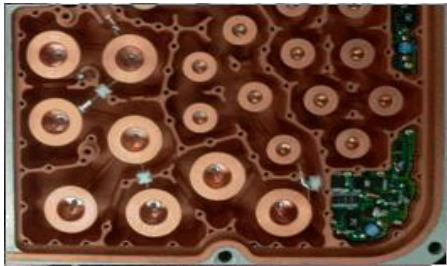
Blade RRU Design Philosophy



Cutting-edge Design & Expertise Makes “Blade” Possible



- High Integration, All Digital function in One chip
- 30% Power Consumption Reduction

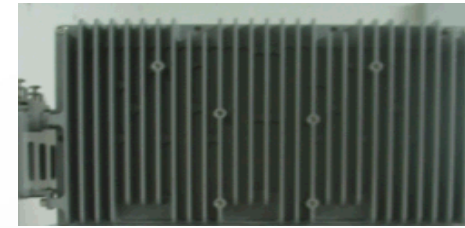


Metal duplexer

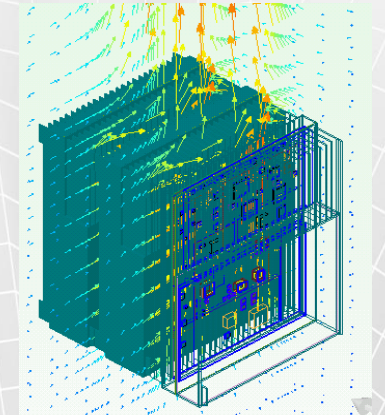
Dielectric duplexer

- New duplexer with less power consumption
- Power capacity doubled

Efficient RF Design



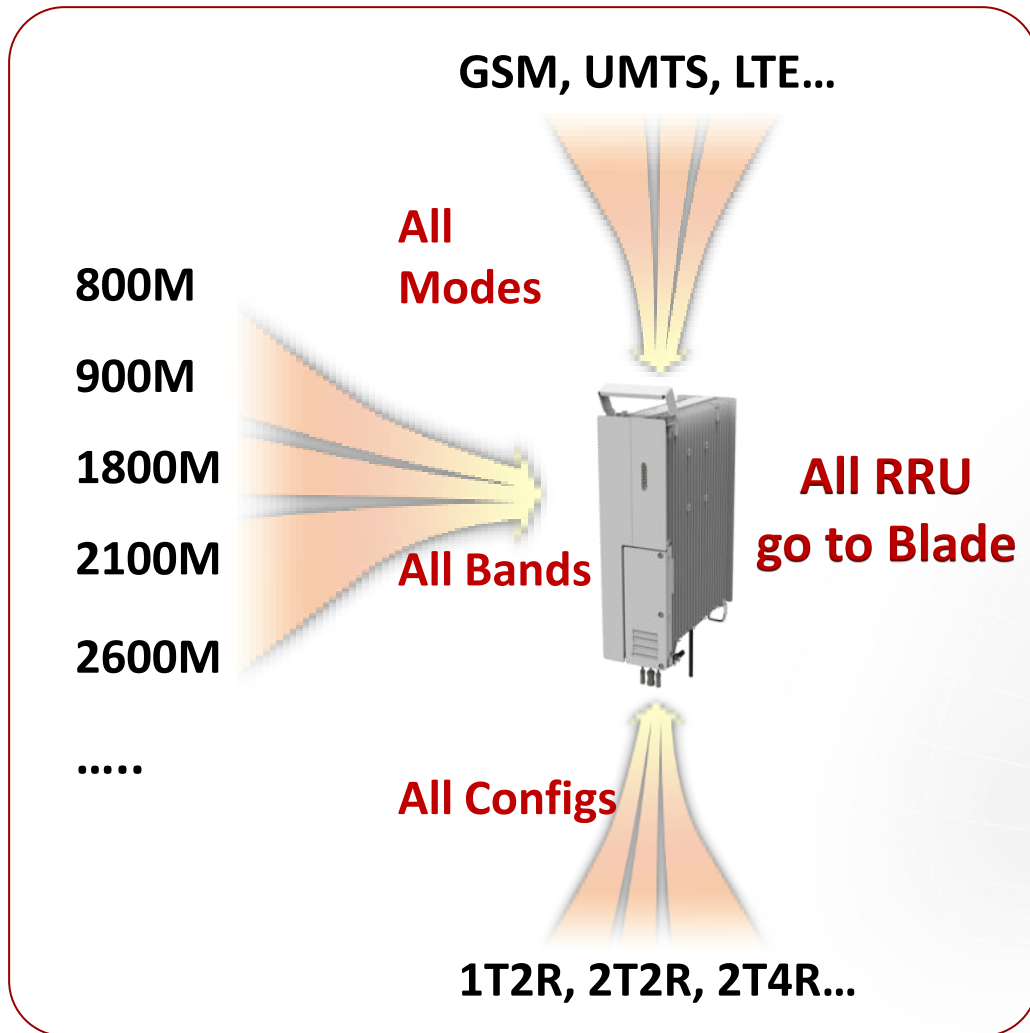
- Super Slim Fin Die-Casting Technology for ultra high efficiency heat sink, Weight reduced up to 20%



- Chimney channel Fresh air Compensation technology and even heat distribution support one box assembly

Smart cooling Design

Standardization Streamlines the E2E Process



Logistics

- Unified shape
- Unified package

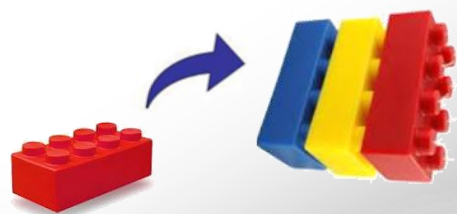
Installation & Maintenance

- Unified installation kits and Interface
- Standardized Installation guide

Spare Parts Warehouse

- Unified Type
- Unified package

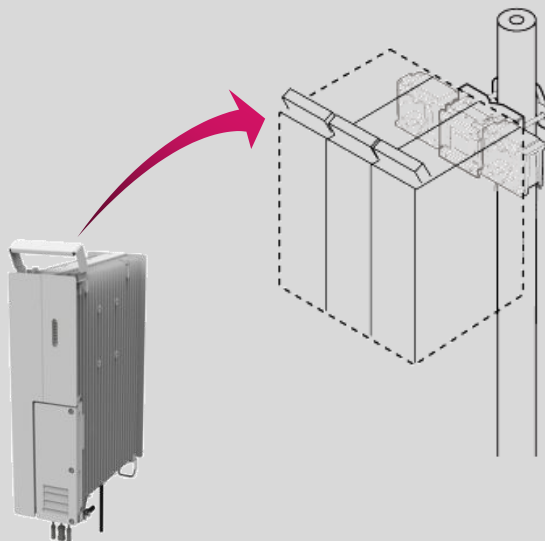
Assembling Blade, Playing Lego



Lego Style

Blade RRU

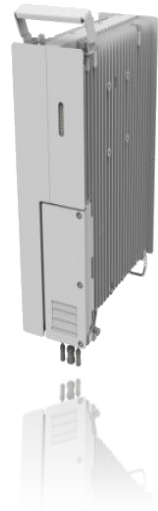
Blade Server



Blade RRU:

- Lego Style for RRU
- Easy Assemble and Expansion

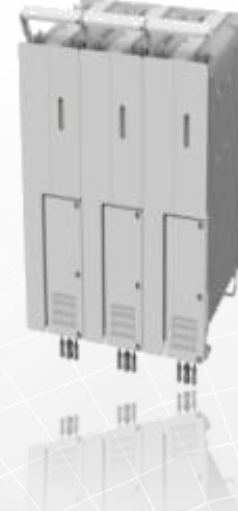
Blade RRU, Designed for Multi-band and Multi-RAT Scalability



Scenario 1:
• Band X
• Sector 1

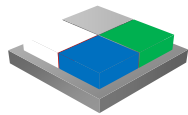


Scenario 2:
• Band X + Y
Or Sector 1 + 2



Scenario 3:
• Band X + Y + Z
Or Sector 1 + 2 + 3

Blade RRU



Unique Seamless Assembly

One Box
Multi-band, Multi-RAT and
Multi-sector Scalability



Smallest & Fastest

12L/14KG
Industry's most lightweight
macro RRU, three modules
installed under 5 minutes



Best-in-class RF Performance

Up to **10W/L** Power Density
Up to **60MHz** IBW
30% Less Power Consumption

Seamless Assembly for Clean Sites and Flexible Scalability

