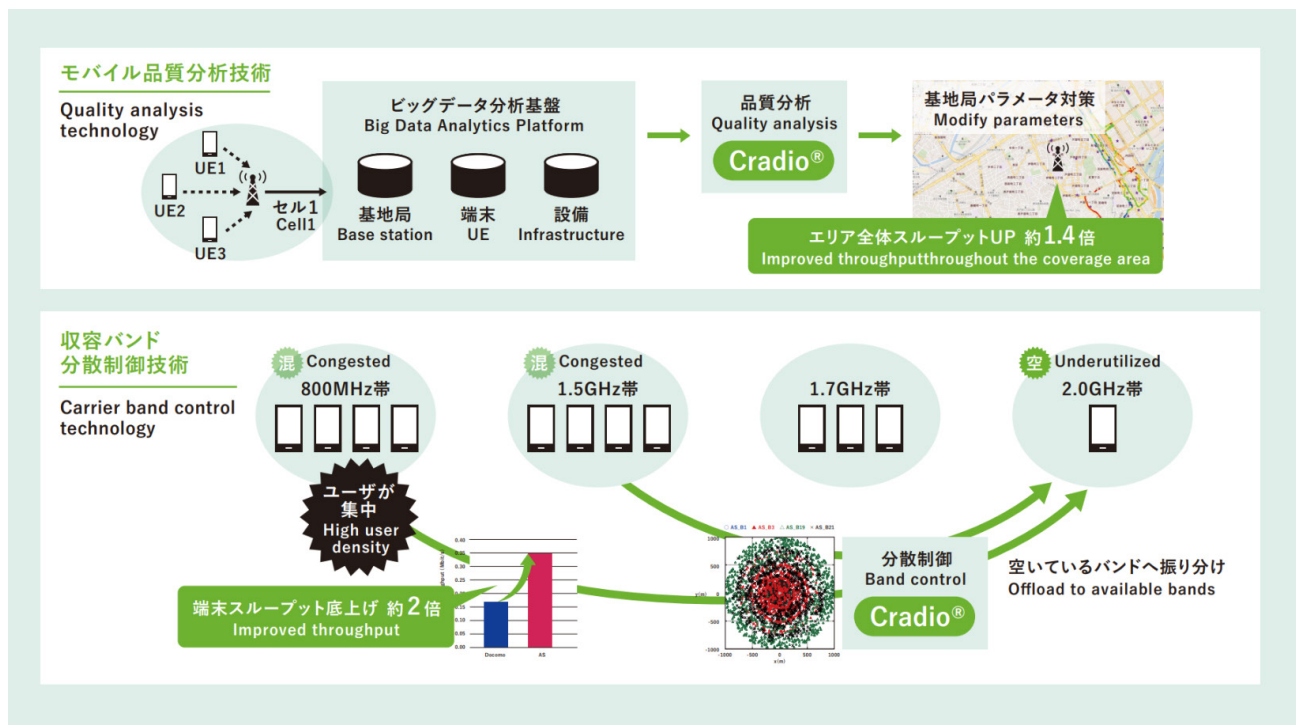


Quality analysis and carrier band control improves mobile communication Cradio® for mobile communication quality

Background and Technical Challenges

In high-density urban areas, maintaining stable mobile connectivity and speed presents a technical challenge. To address this, we applied Cradio, a multi-radio proactive control technology, to enhance mobile communication quality.



R&D Goals and Outcomes

Cradio enables shorter quality-improvement cycles and more stable communication in mobile network operations.

Key Technologies

01 Core Technologies

- Quality analysis technology that uses big data held by carriers
- Carrier band control technology that optimizes wireless resources on demand

02 Key Differentiators

- Quality analysis that uses big data held by carriers to improve network operations
- Carrier band control that optimizes wireless resources on demand, taking into account the constantly changing mobile traffic situation.

Use Cases Multi-Industry

R&D phase Development

Technology Schedule FY25-26

Commercialization Schedule FY25-26

【Exhibitors】

NTT Access Network Service Systems Laboratories

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