

Innovative and secure solutions visualizing 5G performance & EMI risks 5G introduction solutions for industries

Background and Technical Challenges

Clarifying cost-benefit relationships is important, but obtaining detailed system performance in the customer's communications environment is difficult. Assessing EMI risks with industrial equipment from radio use is challenging.

産業現場における5G導入ソリューション

～多様な環境で5G性能と電磁障害リスクを可視化する革新的&安心な導入ソリューション～

5G introduction solutions for Industries: Innovative and secure solutions visualizing 5G performance & EMI risks



R&D Goals and Outcomes

Visualizing coverage and EMI when introducing 5G in industrial settings.

Key Technologies

01 Core Technologies

Visualizing 5G communication performance using point cloud data, color image method, 6G simulator. Visualizing EMI risks using dedicated tools.

02 Key Differentiators

Visualizing communication environments in complex indoor and outdoor three-dimensional spaces. On-site EMI survey using dedicated tools.

Use Cases Manufacturing

R&D phase

Business

【Exhibitors】

R&D Innovation Division, NTT DOCOMO, INC

【Contact】

Radio Access Tech. Group/RF Tech. Group, 6G-Tech Department

【Co-exhibitors】

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