

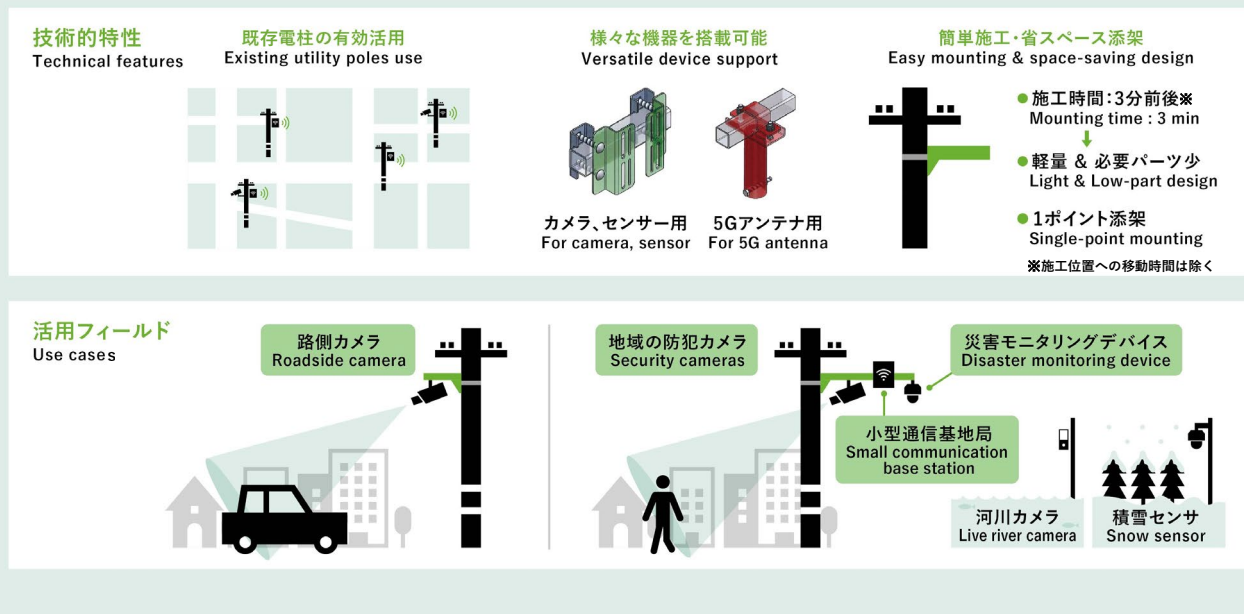
Easily install infrastructure equipment for sensing Smart-pole attachment for existing utility poles

Background and Technical Challenges

Support for safe driving thorough infrastructure cooperation requires sensing infrastructure equipment such as smart poles. Smart poles provides a promising solution, but high installation costs hinder their deployment.

既存電柱のスマートポール化アタッチメント

Smart-pole attachment for existing utility poles



R&D Goals and Outcomes

An attachment converting utility poles into smart poles enables easy setup and supports cost-effective deployment of infrastructure.

Key Technologies

01 Core Technologies

- Attachments can be mounted on utility poles at a single point.
- Various antennas and sensors can be installed and easily.

02 Key Differentiators

- Compact mounting is possible. (While typical devices need about 500mm of space, our product requires only 200mm.)
- It can be mounted even in congested areas near crossing points.

Use Cases Mobility & Transportation

R&D phase

Business

【Exhibitors】

NTT EAST, Inc., and NTT WEST, Inc.

【Contact】

Advanced technology department Access development unit

【Co-exhibitors】

Iwabuchi Corporation

【Related Links】