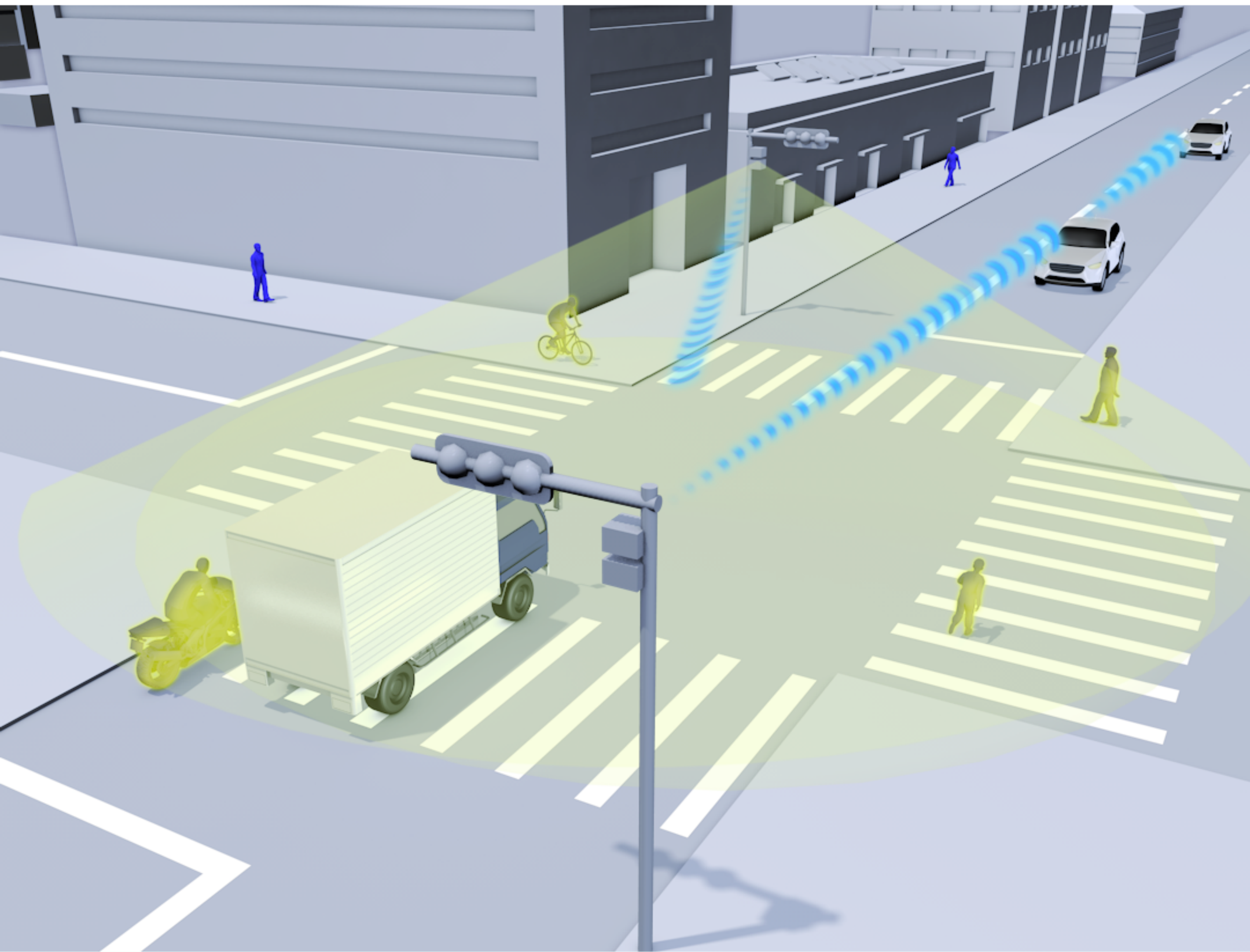


Millimeter Wave Connectivity for Sensor Sharing at Intersection - Toward 5G

Drive with Confidence

Features :

- **Foresight**
 - Predictive analysis at and beyond the intersection
- **Robustness**
 - Unaffected by low-visibility conditions
- **Awareness**
 - Erasing blind spots and obstructions



Millimeter Wave Connectivity for Sensor Sharing at Intersection - Toward 5G

Drive with Confidence

Advantages :

60 GHz Communication :



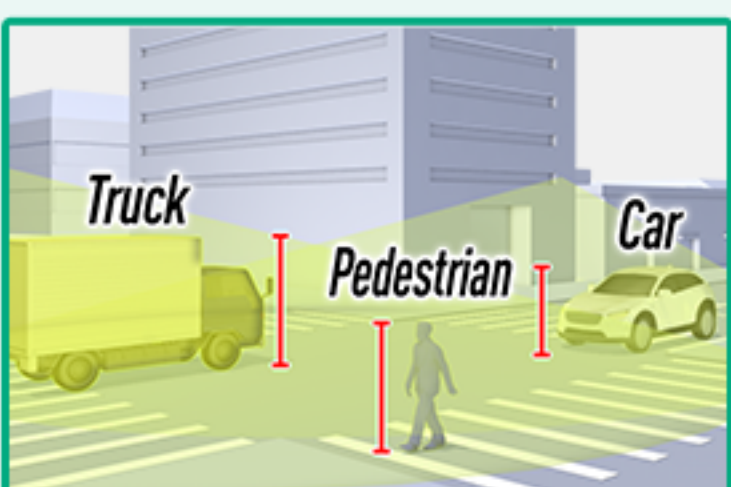
Wide bandwidth at 60 GHz

- 10 Gbps and beyond
- Unlicensed band worldwide

Beam control through IEEE802.11p / C-V2X

- Support for mobility up to 100 km/h

79 GHz Radar :



High resolution using 79 GHz

- Distinguish between vehicle and pedestrian

3D enhanced with MIMO

- Classification of object based on height detection