

IOWN and future car

**Background**

Imagining the future reveals the need for optical technology in various scenarios. Let's consider future cars as an example. At the IOWN Global Forum, there have been discussions about the future of cars. Here, we will introduce the relationship between IOWN and the future of cars.

Summary

To achieve safer cars, multiple sensors and cameras must be deployed, resulting in complex wiring. This complexity creates a need to consolidate the wiring, which requires high-capacity communication. Here, optical communication technology can be beneficial. We provide such examples.

Case1. more safely

Full-scale deployment of sensors, cameras, etc.
High-capacity transmission for massive sensor infor.

Optical transmission technology**Case2. generative AI & car**

A programmable car receiving AI instructions
Low-power consumption computing framework

IOWN computing technology**Future_benefits**

Optical technology is essential for many applications, including cars. IOWN appears throughout these applications and supports the realization of a sustainable world.

Collaboration partners

Yazaki Corporation

Exhibiting Company

NIPPON TELEGRAPH AND TELEPHONE CORPORATION

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