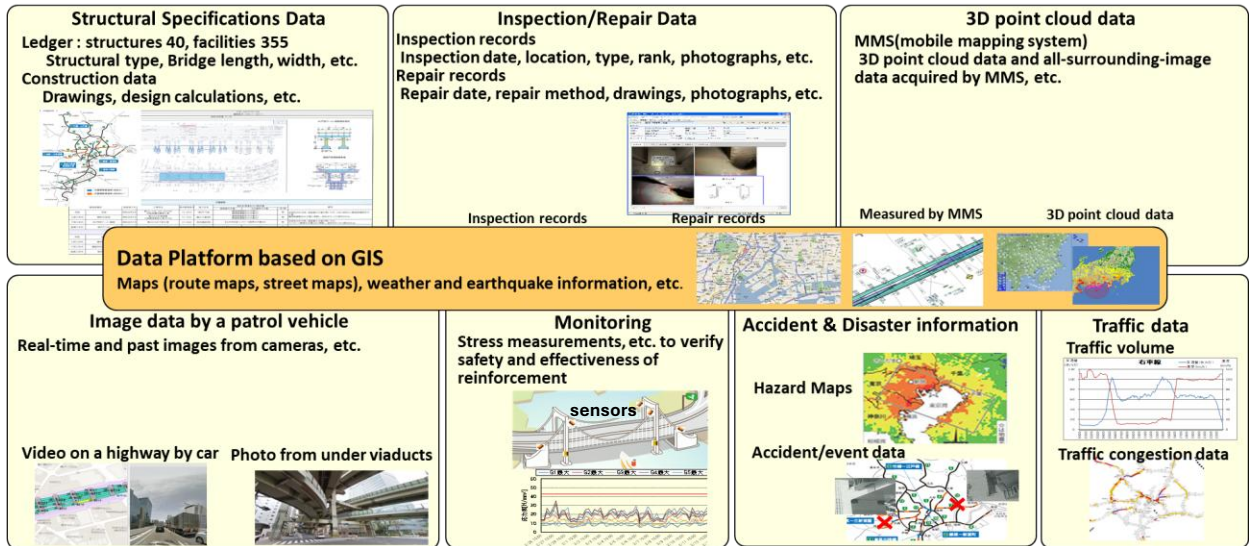


Smart Infrastructure Management System (i-DREAMs®)

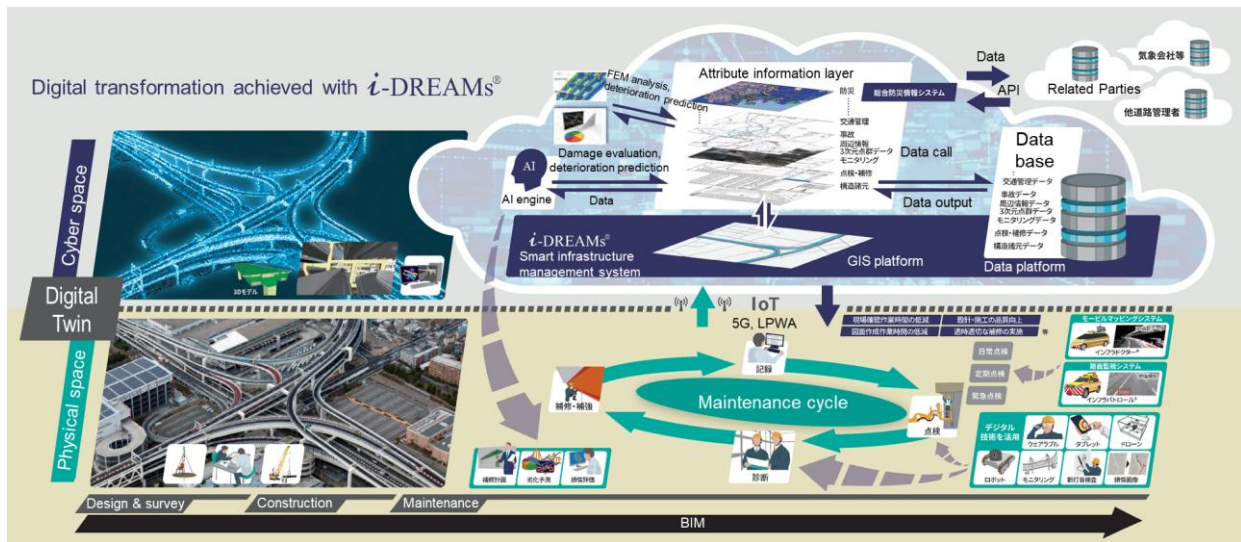
Système intelligent de gestion des infrastructures (i-DREAMs®)



■ Data Platform based on Geographic Information System (GIS)
Integrate all information required for maintenance and management into a GIS-based data platform



■ Implementation of Digital Twin with Integrated Data Platform



- Data is collected from the physical space, and then integrated and stored on the GIS platform.
- This big data is analyzed using AI and simulation, and the resulting solutions are fed back to the facilities in the physical space.
- By introducing BIM architecture into this data platform, we will achieve more efficient and advanced infrastructure management through a digital twin that seamlessly integrates and utilizes data throughout the entire lifecycle—from survey, design, and construction to maintenance and management.

