

Intersections with Digital Twin

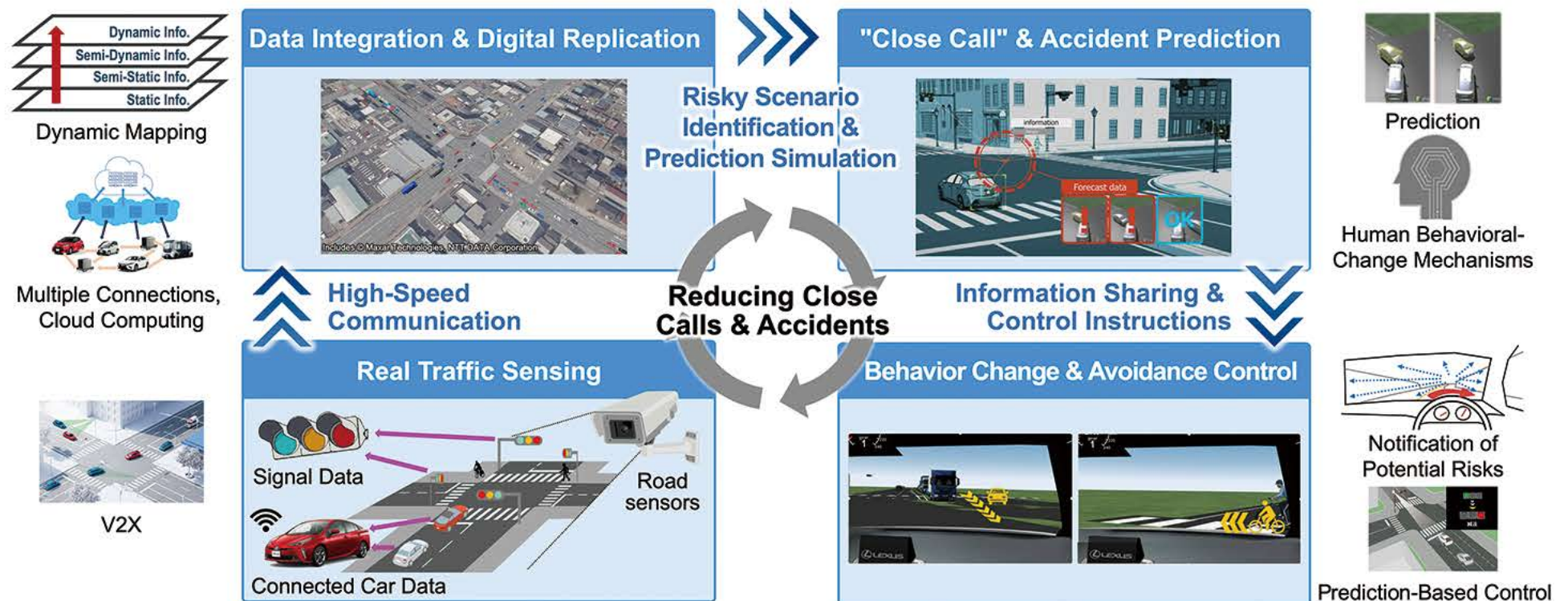
Background

- Digital twins digitally replicate the real world as virtual models, in real time.
- Digital twins of intersections can enable new safety services, by predicting accident risks to protect road users and vulnerable populations.
- This enables all people to live safely and with peace of mind.



Concept & Technology

Reduce "close calls" & accidents through data integration, simulation, and communication.



Future Action (Development Roadmap in Japan)

- Expand digital twin coverage to "broad-based" and "complex" intersections.
- Protect both cars and people by improving predictive accuracy with more diverse and higher quality information.

