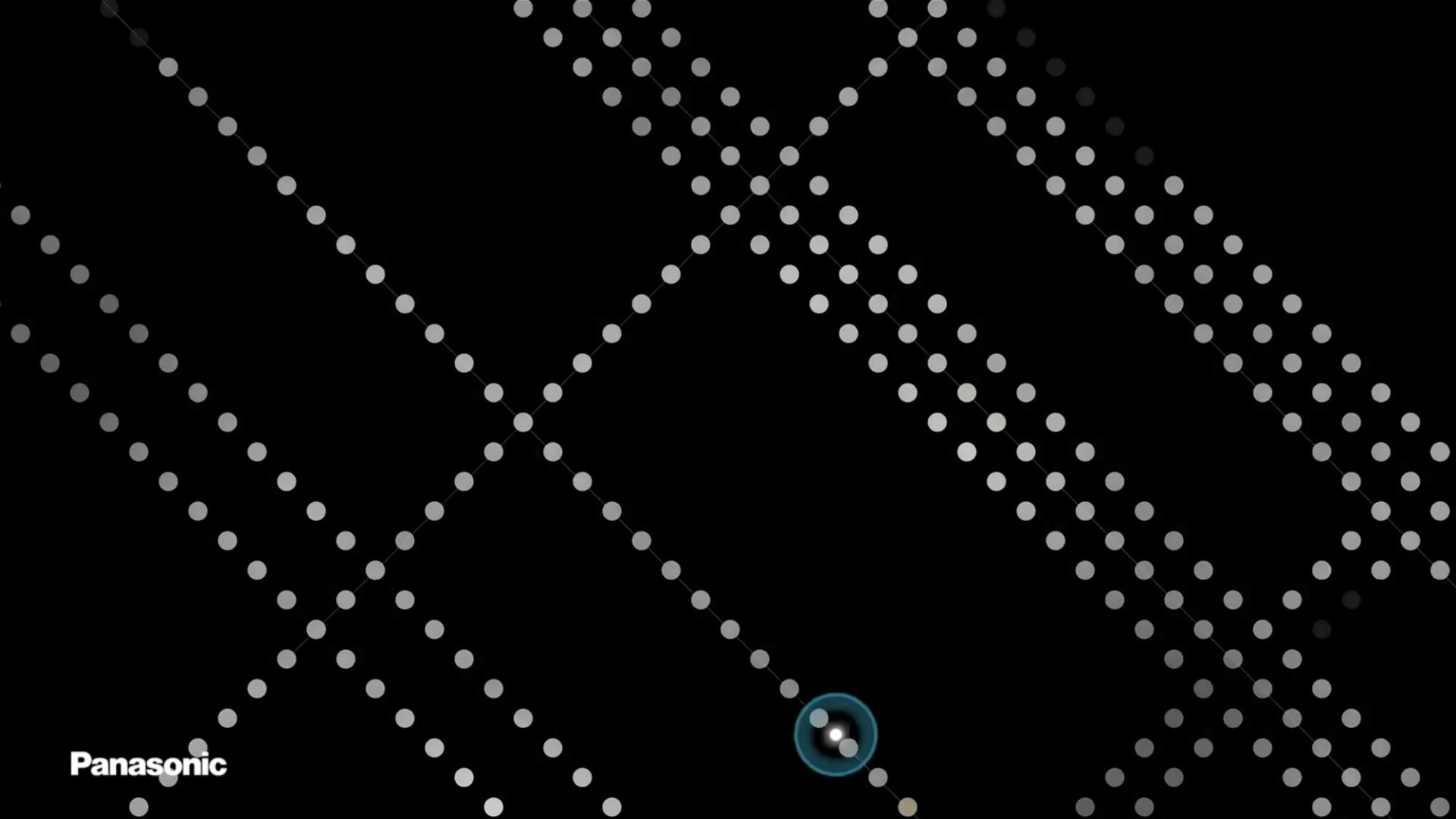
V2X System

On-board Equipment **(OBE)** Subsystem

Roadside Equipment **(RSE)** Subsystem

V2X Data Ecosystem **(VDE)** Subsystem

Panasonic


Panasonic

Open Ecosystem

Siloed to Connected

SDK/Data API Layer

Cloud Analytics

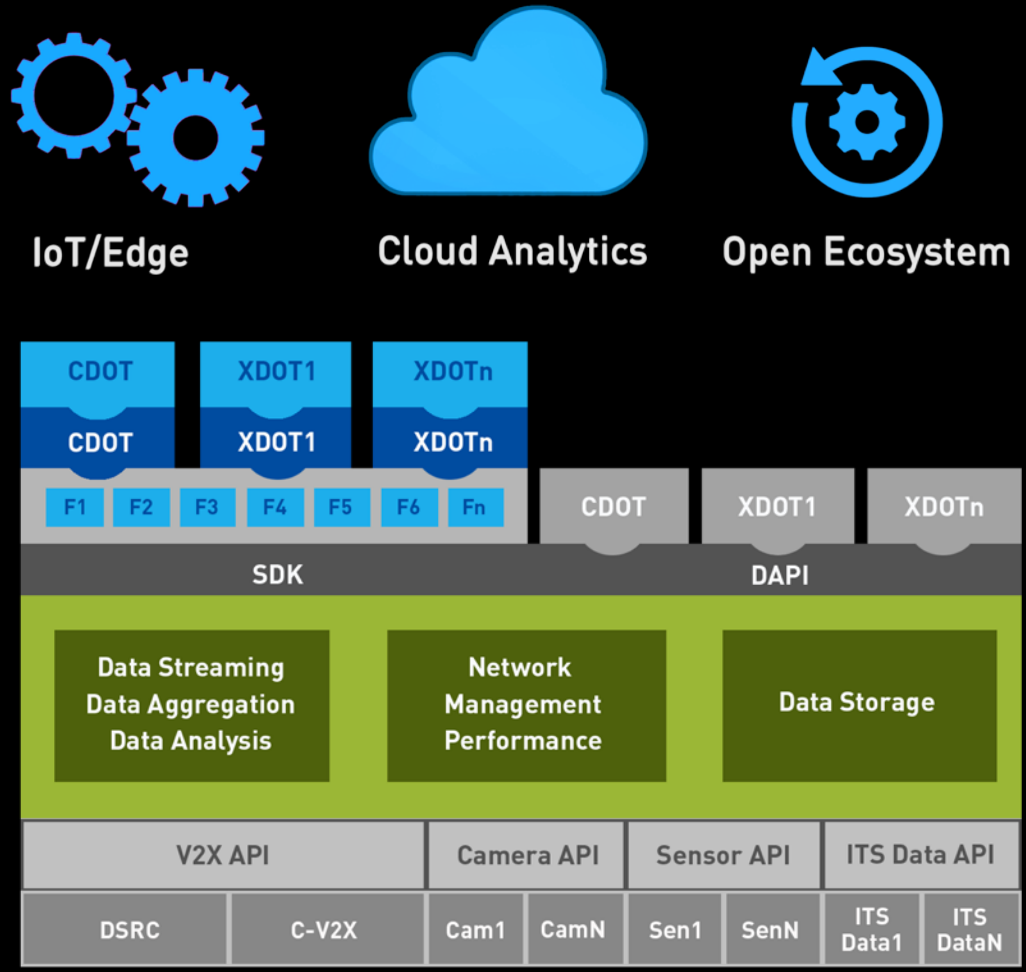
Hindsight to Foresight

Data Processing, Storage & Analytics Layer

IoT/Edge

Sense to Action

IoT API Layer



Production-grade, full-scale V2X deployment

500 OBU vehicle installations and 100 RSUs deployed across 90 miles of Interstate in Colorado

Production-grade
aftermarket C-V2X OBU

Built, tested and deployed in 94 CDOT Fleet vehicles to-date, expanding to 500 vehicles in 2019.

Production-grade
Dual-mode C-V2X/DSRC RSU

Built, tested and deployed in 100 locations with software configurable radios for DSRC and C-V2X in the field.

Production-grade
V2X TMC software solution

Built, tested and scaled to support 10,000 vehicle scale for each roadway deployed.