Whether their vehicles have wings, wheels, or both, developers working on autonomous systems need a reliable solution for sensor data fusion.

**Time-Critical Ethernet** solutions from DornerWorks make those solutions possible in distributed real-time applications.

**RIGOROUS STANDARDS**
- IEEE 802.3 - 1 Gbps full-duplex
- IEEE 802.1AS-REV slave profile
- IEEE 802.1Q-2014 - FOTSS strict priority or credit-based scheduler for up to 8 GoS

**HIGH ACCURACY**
- Synchronizes to a grandmaster with +/- 8-ns accuracy (double hop)
- Rapid time convergence

**VERSATILE INTERFACES**
- AMBA/AXI4 Lite and Stream interfaces
- MDIO and RGMII or SGMII interfaces to PHY

DornerWorks' **Time-Critical Ethernet** IP provides low latency and high throughput, while supporting diverse traffic inputs over a common network with gapless scheduling.

This IP integrates seamlessly with your Ethernet network, and adds confidence to your development.
FROM ALPHA TO BETA
in the time frame and budget they promised.

DornerWorks delivered the project.

BE CONFIDENT
YOUR APPS WILL TRIGGER ON TIME

You can add time-synchronization and determinism to legacy devices, or build a fleet of new networked products from the ground up. And, never worry about stale data again.

DornerWorks Deterministic solution partitions the bandwidth of your incoming data, enabling real-time responsiveness with no buffering, no matter how you stream it.

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