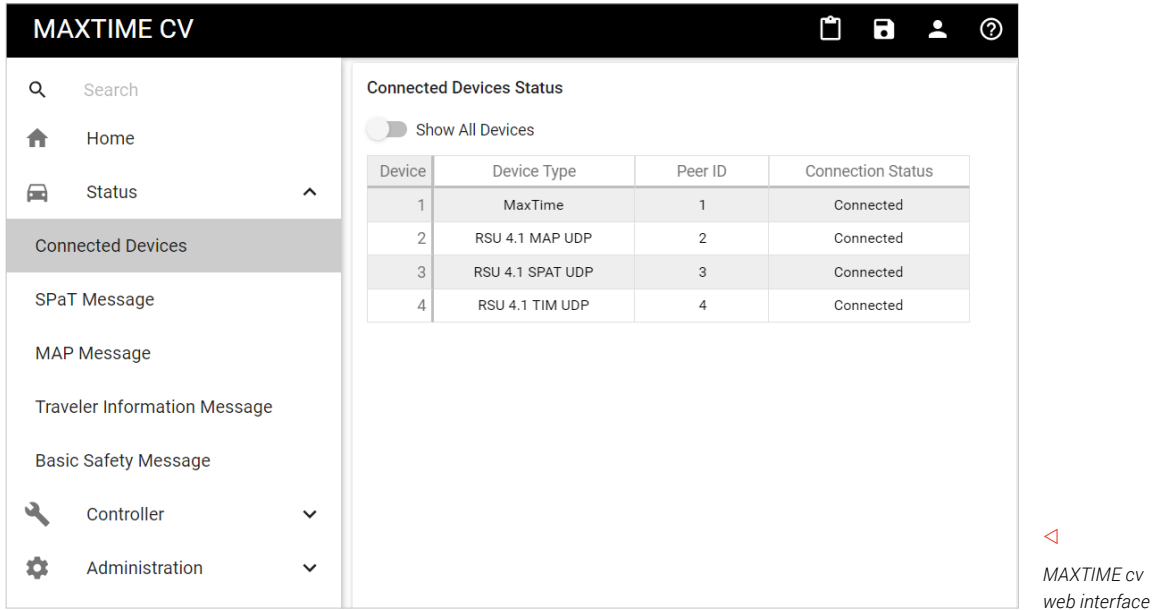


MAXTIME CV

BROADCAST SIGNAL DATA DIRECTLY FROM YOUR ATC CONTROLLER



OVERVIEW

MAXTIME cv enables agencies to broadcast key traffic signal data (i.e., SPaT, MAP, SSM) for connected vehicles without additional hardware in the cabinet. By sharing real-time signal data, MAXTIME cv enables the sharing of data such as:

- Position and lane tracking
- Time to green/red
- Actual and suggested speed
- Preempt/EV notification
- Traveler information message

It is a stand-alone embedded firmware application designed to run on ATC 5.2b or later compliant controller hardware. In addition, by leveraging the Linux kernel and the ATC API Standard v2.06b, MAXTIME cv can run on the same physical ATC engine board as the existing MAXTIME ic intersection control software reducing overall hardware cost of the connected vehicle deployment.

MAXTIME cv communicates directly using NTCIP 1201, 1202, and 1211 message sets. It then creates and broadcasts valid J2735 messages via a connected DSRC radio or over the Internet through a connected Q-Free Kinetic CV server.

BENEFITS

- Connected vehicle solution that runs on your existing Q-Free ATC controller
- Real-time data with <1 second latency
- Broadcasts SPaT, MAP, SRM/SSM
- Runs on same ATC controller as MAXTIME ic intersection control software
- View and configure in a web browser
- Connect with a broad set of DSRC radios or external vehicle services



REAL-TIME
SIGNAL DATA



SECURE
COMMUNICATION