



CUBIC™

Trafficware®

SynchroGreen®

The industry's premier real-time Adaptive Traffic Signal control technology

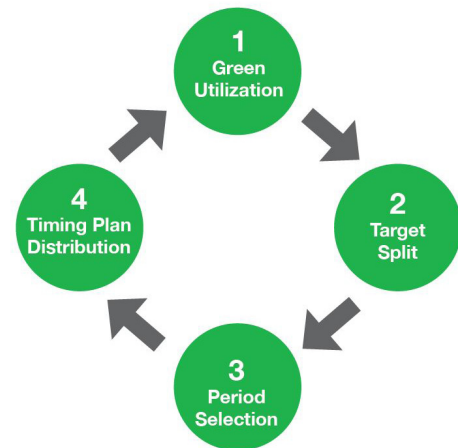
SynchroGreen® is an Adaptive Signal Control Technology (ASCT) solution from Cubic ITS. SynchroGreen® collects traffic data at signalized intersections, analyzes the data for changes, and adjusts traffic signal timings in real-time based on current demands.

Benefits

- Improves travel time, reduce delays
- Enhances safety
- Reduces emissions
- Conserves fuel

Features

- Efficient smart system setup
- Synchro and Simtraffic integration
- Accessible from a web-based interface or Windows application
- Calibrates adaptive settings using actual field data
- Allows users to preview expected results before implementation
- Signal cabinet does not require proprietary hardware or rewiring
- Choose from three modes of operation
- Fail-safe operations
- Considers multi-modal users



Phase Splits calculated for each phase that SynchroGreen® is operational:

1. The duration of time the green interval is effectively utilized.
2. The amount of time each phase should receive under ideal circumstances.
3. SynchroGreen® analyzes the system globally, selects the critical intersection and the calculated cycle length.
4. SynchroGreen® proportions the Phase Split according to the targets and assigns the critical cycle length to all intersections in the system.