ThruGreen
Traffic Reimagined

Remote Signal Re-Timing & Clock Synchronization

An introduction to automated traffic engineering projects with ThruGreen

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For the latest information please visit ThruGreen.com

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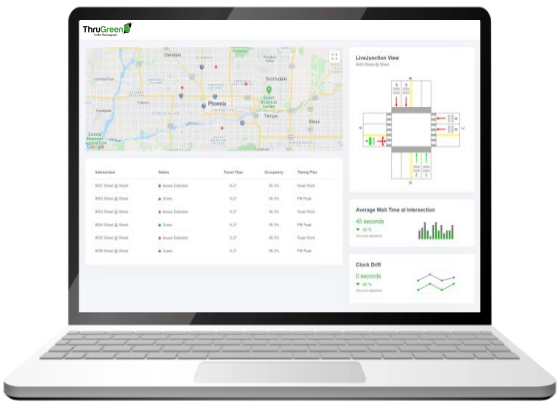
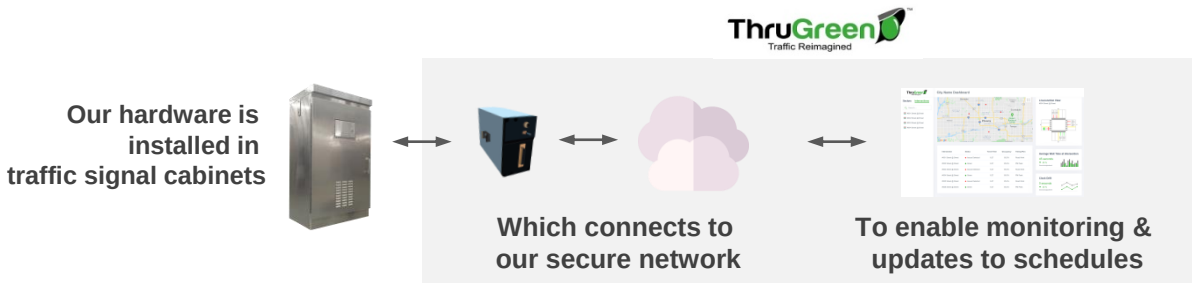
Introducing ThruGreen for Signal Re-Timing

ThruGreen is an innovative solution for smart cities to enable 2-way communication with signalized intersections. Our patented solution quickly and securely connects existing signalized intersections with our network, enabling cities and engineering firms to communicate with legacy infrastructure hardware without the need to upgrade traffic signal controllers, cabinets and equipment.





Why cities and engineering firms choose ThruGreen

Our bi-directional functionality enables cities and engineering firms engaged in signal timing projects to take advantage of capabilities, including:

Remote upload & download of traffic signal timing plans

Remote time clock synchronization

Monitoring and reporting of signal and detector status

Cabinet equipment monitoring & alerting

The ThruGreen Advantage:
Remote 2-Way Connectivity

Traditionally, traffic signal re-timing projects are incredibly labor intensive due to lack of connectivity at most intersections. These intersections require manual effort performed inside of or within close proximity to the traffic signal cabinet. ThruGreen saves cities and engineering firms time and money by enabling remote updates of legacy intersection hardware.

The Traditional Way
In Person Upload via

Thumb drive | **Bluetooth** | **Manual Entry**

Remote Connectivity

Remote Configuration & Uploads of Timing Plans

ThruGreen has been built with traffic engineers in mind and enables the seamless transfer of traffic signal timing plans made with leading tools such as NextEdit and Synchro. Our Solution also enables traffic engineers to directly configure parameters and schedules directly inside of our application.

Remotely Transfer Signal Timing Plan Files

Siemens Next Edit
Synchro 11

Change Configurations & Schedules via our App

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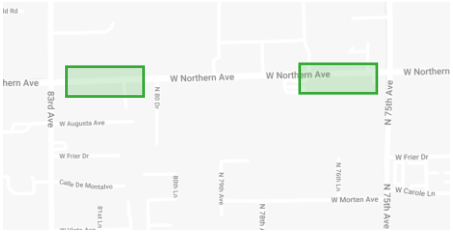
Rapid Schedule Testing with Virtual Vehicle Detection



ThruGreen Geofences

We empower traffic engineers to rapidly test and modify traffic schedules through our virtual detection capabilities.

We do this by drawing intelligent geofences at intersections using our solution and measuring the time it takes vehicles to pass through one or a series of intersections.

With this travel time information and our ability to instantly push schedule adjustments, traffic engineers can complete timing projects faster and with greater freedom to fine-tune their schedules.

Intersection Pair	Tested Schedule	Avg Travel Time
014 & 281	AM-1	45 sec
	AM-2	53 sec
	AM-3	41 sec ✓

Example Schedule Testing & Selection with ThruGreen