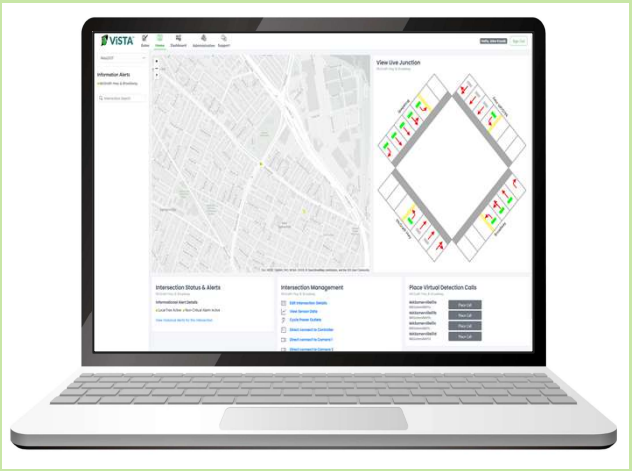
ThruGreen
Traffic Reimagined

Introducing ThruGreen for Smart Cities

ThruGreen is a cloud-based software solution for smart traffic and intersection management.

We quickly and securely connect intersections with live vehicle location data – **enabling cities to control their intersections, manage traffic flows, and provide approved vehicles with more green lights.**



ThruGreen runs on an an edge device at intersections lacking networking conectivity

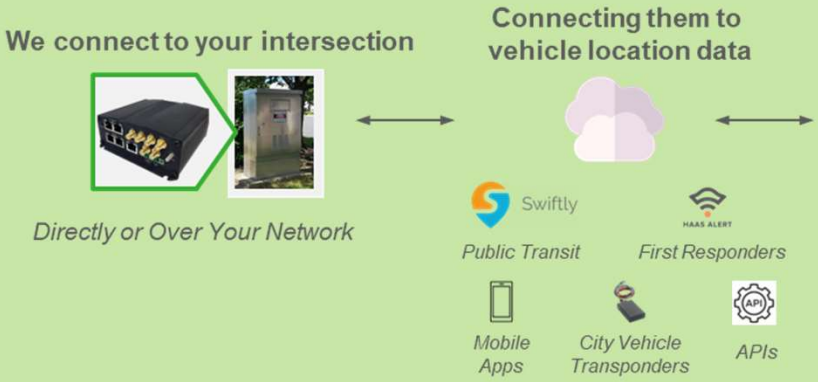
Or our cloud can access a previously networked intersection's IP address

We enable cities to:

- Adjust signals and schedules
- Monitor intersection health and metrics
- Implement adaptive traffic control algorithims
- Provide busses and other gov vehicles with automatic green lights

After a quick installation at a traffic cabinet, ThruGreen enables planners to manage and monitor their traffic infrastructure using either using cellular connectivity or your city's existing network.

Live vehicle location data is also used to tell lights a vehicle is coming before they get there to reduce red light wait times and, in the case of first responders, grant automatic green lights.



To enable vehicles to request green lights earlier

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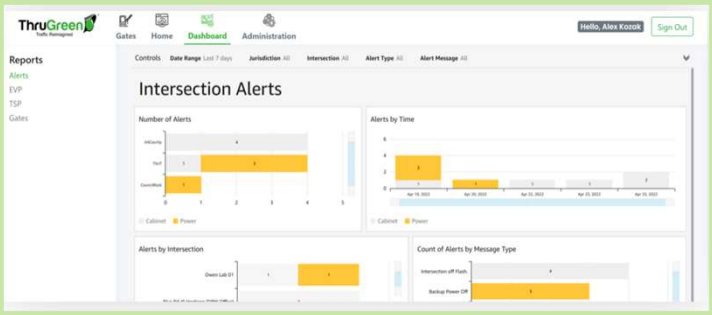
Monitor Cabinet Issues in Real-Time

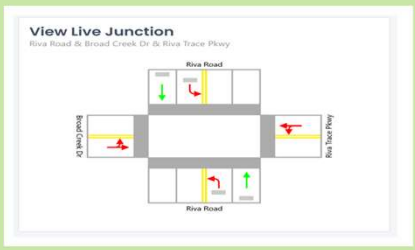
Track intersection issues and trends to prioritize preventative maintaince and repair activities.



ThruGreen provides live alerts such as:

- Power Outages and UPS Status
- Cabinet Flash
- Constant Calls & Abnormal Detections

Check Live Intersection Status



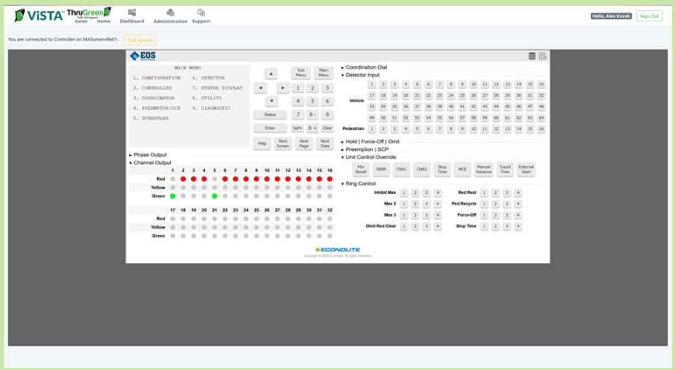
Monitor your intersection phase and detector changes in real-time
GPS Time Sych

Get Alerts on the Go

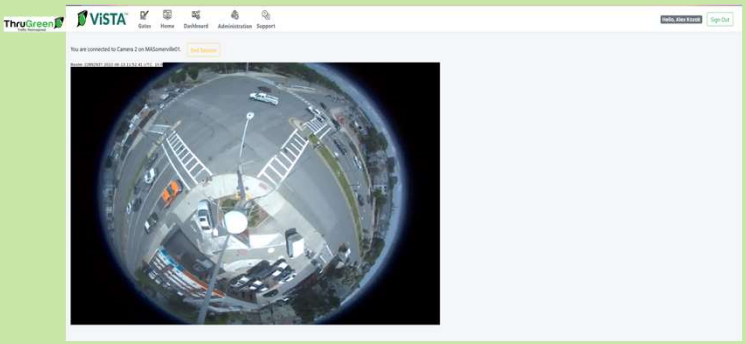
Provide on-call techs with live alerts and notification over email and text

Remotely Access Your Controllers & Cameras

Quickly connect to your controllers and cameras through one click on the ThruGreen dashboard.



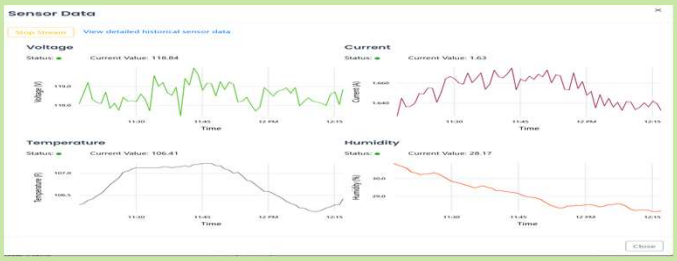
ThruGreen Embedded EOS Web Interface



ThruGreen Embedded GRIDSMART RTSP Stream

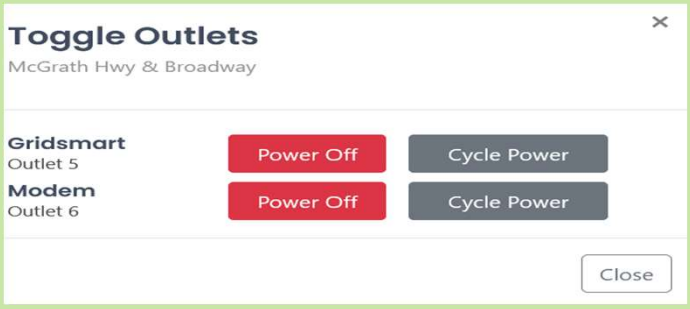
Live Sensor Data

Monitor live and historical sensor data for voltage, current, temperature and humidity



Cycle Power Outlets

Remotely power off or cycle power outlets for connected devices at your intersections



To schedule your free pilot, please contact Roger Hale roger@trafficsystem.us

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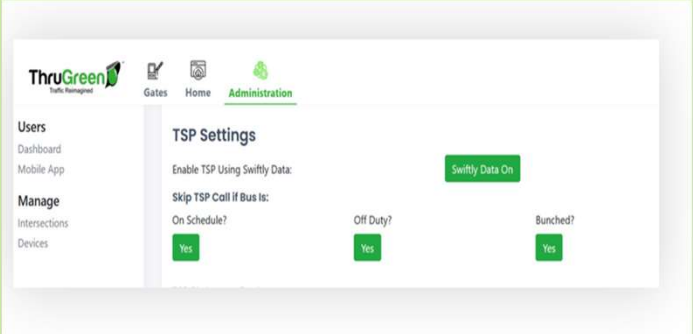
Conditional TSP Rules Set By You

ThruGreen enables transit planners to set and manage dynamic rules to determine conditions for placing TSP requests to your city's intersections.

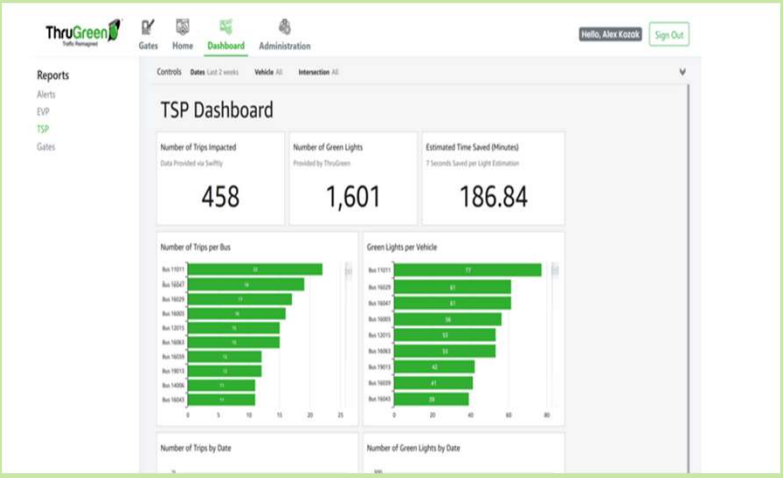


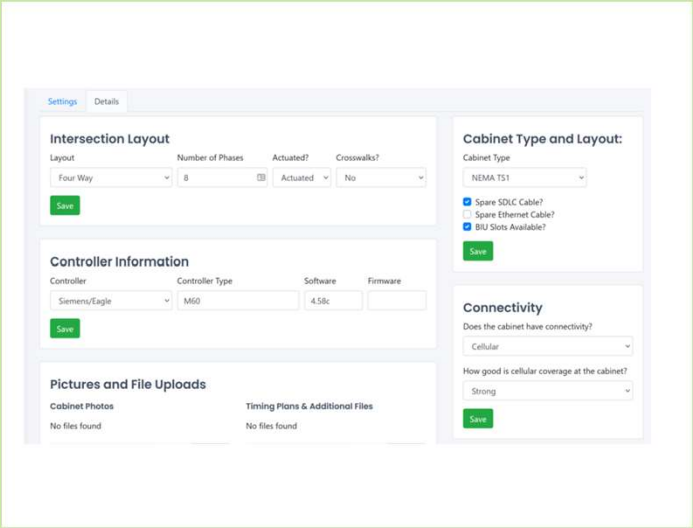
ThruGreen Enables Conditional TSP Rules Using:

- Route
- Bunching
- Time of Day
- Occupancy
- Schedule Adherence
- Vehicle Status

Real-Time TSP and EVP Analytics

ThruGreen's real-time analytics provide your city's consistiuents real time metrcs on what vehicle got a green light, when it happened and estimations on the time savings.



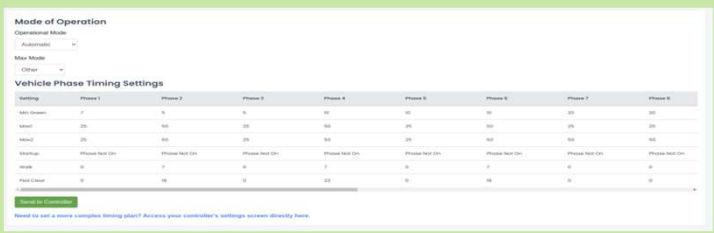


Manage Your Cabinet's Assets

Track and manage your cabinet asset inventory and set reminders for scheduled or preventative maintainence.

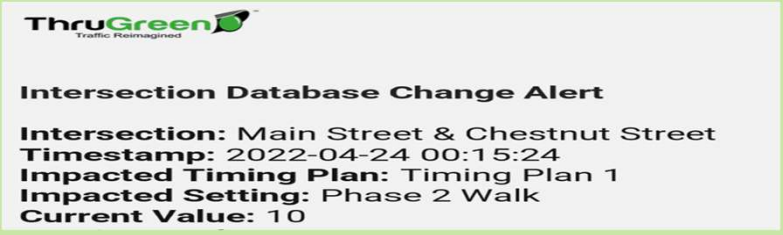
Remotely Manage Controller Databases

With our ability to remotely edit your controller's settings and databases - you no longer have to drive out to a cabinet to change a timing plan.



Settings Change Notifications

Get alerts when a signal tech modifies a controller's settings in the field to keep you in the loop and aware of potential impacts to you timing plans.



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