

# Real Time Traffic Control System

RTTCS (Real Time Traffic Control System)

By distributing each traffic light with a unique IP address, real-time communication is done, and depending on the data, the traffic light is automatically adjusted, and traffic flow is smoothed out. Also, gap caused by train delay is calculated, and the timing of the lights are optimally controlled. By the introduction of this system, traffic at the center of the city should decrease. It could also help to control traffic trouble caused by confusion.

## • Flow of the system

1. Distribute each traffic light with a unique IP address
2. Real-time data exchange between the server and the traffic lights.
3. Timing of the traffic lights are automatically adjusted as a result of the data.
4. Traffic congestion disappears and smoothes out the flow of traffic.
5. Relief of the traffic congestion everywhere!

# Complete Picture of System

