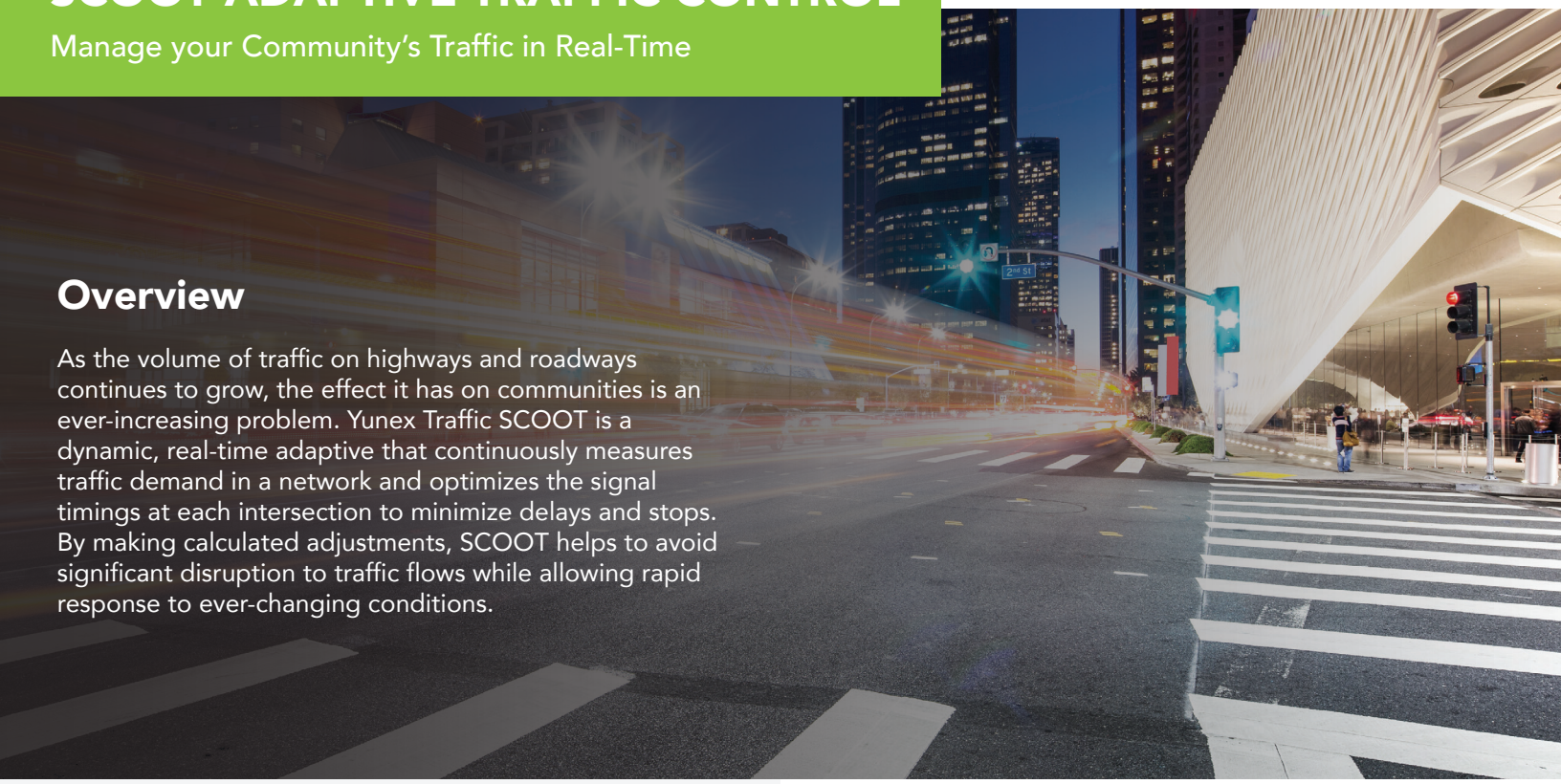
Western Systems
Innovative Transportation Solutions

YUNEX TRAFFIC
A Siemens Business

SCOOT ADAPTIVE TRAFFIC CONTROL

Manage your Community's Traffic in Real-Time



Overview

As the volume of traffic on highways and roadways continues to grow, the effect it has on communities is an ever-increasing problem. Yunex Traffic SCOOT is a dynamic, real-time adaptive that continuously measures traffic demand in a network and optimizes the signal timings at each intersection to minimize delays and stops. By making calculated adjustments, SCOOT helps to avoid significant disruption to traffic flows while allowing rapid response to ever-changing conditions.

Benefits

Proven to Optimize Traffic

SCOOT has been proven effective in over 100 communities around the world by reducing traffic delays by 20% or more.

Increase Road Safety

By improving traffic, SCOOT reduces the number of stops and delays, which can lead to a reduced probability of rear-end collisions.

Protect Pedestrians

SCOOT recalculates intersections to support and protect pedestrians in a variety of situations.

Supports Public Transit

SCOOT's algorithm improves bus progression by implementing phased reductions and extensions as well as exclusive transit phases so that buses are more likely to arrive at stops and stations on schedule.

Key Features

- Respond in real-time to varying traffic flow conditions such as sporting events and incidents.
- Suitable for implementation on all types of urban roads, grids, corridors, and arteries.
- Easy-to-use window style graphical user interfaces.
- Can be added to existing urban or freeway traffic management systems or provided as part of a complete traffic management system.

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