



TATWEER

TRAFFIC SIGNAL OPTIMIZATION AS A COST EFFECTIVE SERVICE

A proactive system for signal timing review and optimization that synchronizes groups of traffic signals to allow vehicles on a primary route travelling through multiple traffic signals without stopping.

Key Characteristics



Setting
Location

Corridor
Urban,
Suburban,
Rural



Cost
Medium



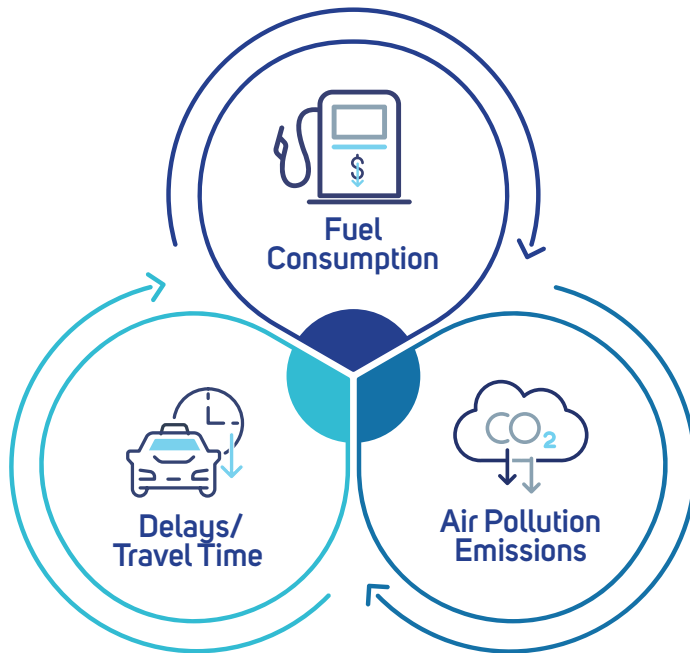
Technology
Medium



Collaboration
Low

TRAFFIC SIGNAL OPTIMIZATION

Substantial Benefits



Showcase

We draw our strength from investing in the right human capital forming a group of highly qualified diverse teams that deliver a comprehensive set of services and solutions to our clients.

Our Center of Excellence sits in the heart of Transportation, Road, and Traffic industries where innovation and cutting-edge technologies mold into solutions that are tailored precisely for our clients.

We have staff with a unique combination of Traffic Engineering and Traffic Operations expertise who are trained, qualified and certified to perform the traffic signal(s) optimization on a different level.

Advantages of Traffic Signal Optimization



Traffic Flow

- Increase the average speed
- Maintain the travel time reliability
- Reduce the delays



Environmental

- Reduces emissions and fuel consumption improving traffic flow.
- Improving air quality reducing traffic generated air pollution



Community

- Improve the safety by reducing motorist frustration and unsafe driving



Economical

- Improve the traffic flow with the existing infrastructure helps to postpone the need for costly long-term road capacity improvement
- Reduce the fuel consumption and congestion costs
- Support the new developments and accommodate the changes in traffic patterns and traffic growth

Managed by TATWEER

Traffic Engineering and Traffic Operations

400 +
100 +

Signals in
Abu Dhabi

Signals in
Al Ain



www.tatweermea.com

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