SWARCO
SMART CORRIDOR
INTELLIGENT SOLUTIONS FOR SMART CITIES

SWARCO | The Better Way. Every Day.

SWARCO is a growing international group providing the complete range of products, systems, services and solutions for road safety and intelligent traffic management.

With five decades of experience in the industry, the corporation supports the growing mobility needs of society with turnkey systems and solutions in road marking, urban and interurban traffic control, parking, public transport, infomobility and street lighting. Cooperative systems, I2V communication, electromobility, and integrated software solutions for the Smart City are latest, future-oriented fields in the group's portfolio.

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SMART CORRIDOR
CONNECT AND OPTIMIZE INTERSECTIONS

Get complete flexibility and the possibility to adapt the traffic for the citizens using advanced technology which makes it possible to predict and adapt to changing scenarios in the daily traffic.

Smart Corridor is an adaptive dedicated traffic control solution for co-ordinated signalized corridors. It is a software package that decides optimum cycle length for a whole corridor and supports individual junctions with the cycle split estimation. With the Smart Corridor the cycle change and split are applied gradually in order to always maintain the coordination path. The rule can also deal with another intersection some distance away which shall run a different cycle length at some point of the cycle change transition.
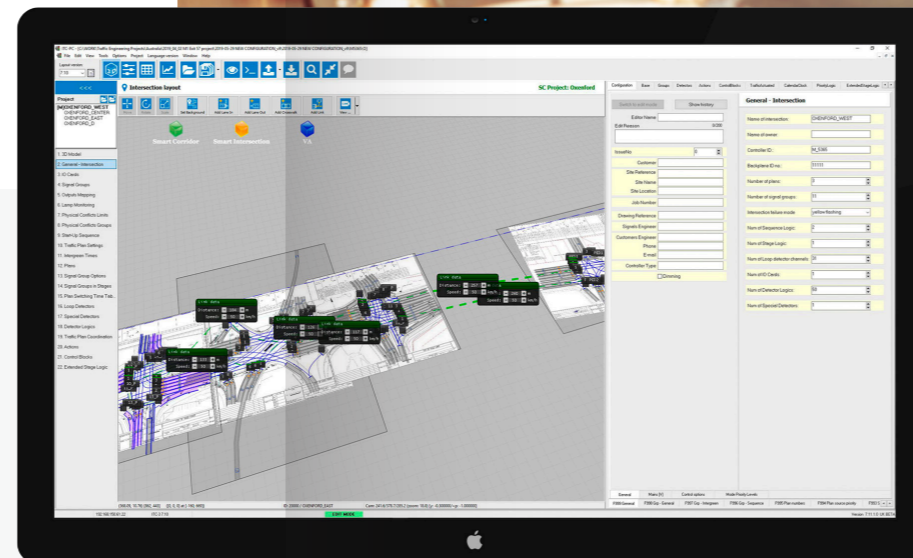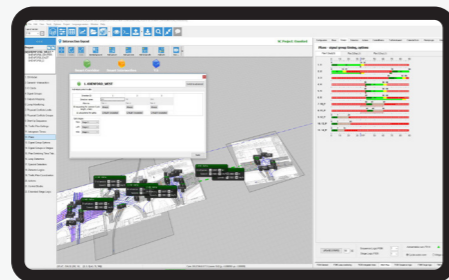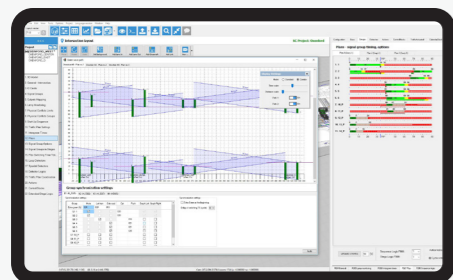
Together with the Smart Intersections reporting evaluated performance factors from each individual junction, the traffic algorithm can decide either to fully support the coordination path or resolve some oversaturation problems measured on intersection's side roads or left turn movements.

The variety of different options makes the solution very modular. It is the user that can decide level of adaptiveness on the individual junction and the individual junction impact on the traffic control strategy for a whole corridor.

KEY BENEFITS

✓ Complete control of a network of intersections with an intercom system

✓ Optimize green time and coordination in every single intersection

✓ Updating of each cycle based on traffic detection

✓ Gathering traffic data inside and outside of the system

✓ Every system is customized, but can be changed or optimized if needed

SCREENSHOTS

Complete control of your intersections

Full flexibility

Collect useful traffic data

Minimize traffic congestion

Easy set-up and configuration

OPTIMIZE FOR GREEN WAVES