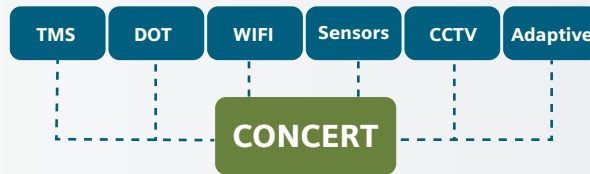# Intelligent Traffic Solutions for Seattle

The Seattle Department of Transportation (SDOT) adopted Siemens **CONCERT Advanced Traffic Management System** to relieve traffic in its fast-growing central business district.

Cost Effective

SDOT needed to upgrade only 20 signals to improve control of 260 intersections.

Coordinated

TMS | DOT | WIFI | Sensors | CCTV | Adaptive

CONCERT

CONCERT automatically collects data from multiple sources to coordinate traffic.

Dynamic

CONCERT can employ 50,000+ rules programmed to trigger and implement fully or partially automated responses.

The CONCERT and SCOOT Adaptive Signal Timing deployment enabled SDOT to significantly improve traffic at the heavily congested Mercer Corridor, with greater results for Seattle residents on the go.

Annual Savings for All Vehicles During Peak Periods

Time Savings

273,396 hrs

CO_2 Reduction

2,331 metric tons
(equivalent to carbon saved by preserving 2,746 acres of forest from deforestation)

Fuel Savings

237,855 gallons