VRS5000-WEB
The New Traffic Management System

Managing traffic in an intelligent way in an increasingly urbanized world remains a particular challenge. The more efficient use of existing roadway capacities, harmonized traffic flows, emission-related traffic control, the prioritization of public transport means and the focus on pedestrian and cyclist safety are some of SWARCO's approaches to better manage urban mobility.

The volume of traffic is rising - the demand for mobility is increasing. The consequences: conquered town centers, tailbacks, noise pollution and exhaust fumes. City centers lose their attractiveness. An enlargement of existing traffic facilities is ecologically and economically no longer justifiable. Therefore, the efficient use of existing traffic installations is the most important goal.

Current and future traffic problems in cities and metropolitan areas require the systematic use of individual and adaptive guidance and information strategies. For these applications, Swarco offers the new VRS5000-WEB Traffic Management System. It enables the implementation of complex control processes for urban traffic networks. It can be integrated in superior traffic control technology. This enables not only the control of connected subsystems such as traffic lights and monitoring components, but also the integration of highway management systems and parking management systems. The modular structure and use of the standardized OCIT interface-technology guarantees the problem-free integration of existing and new systems.

SWARCO Traffic Management Systems minimizes expensive on-site assignments in case of malfunctions and therefore protect against long-lasting breakdowns of traffic management and traffic engineering systems at intersections with all safety risks coming along for the road users.
**Overview of the VRS5000-WEB interfaces**

- OCIT Outstations (OCIT-O)
  - Version 1.1 und 2.0
  - Communication profile 1 (point-to-point)
  - Communication profile 2 (leased line, also GSM)
- SSI, AM90, DVI35, ASE, GDN
- Interfaces to traffic light systems of the following manufacturers:
  - SWARCO: MTC2xxx, MTC3xxx, MTC5xxx, ACTROS (various models), MB08, M844, M2800, ITC (various models)
  - Siemens: STM, EVX, MPX, MPX-E (UCM)
  - PEEK: AD570, AD585
  - AVT: SZ-M
  - Stoye: VSA7800
  - GRW Leipzig: L6000 (GDN)