

SIGNAL COORDINATION (VAP)

Short description

Demonstration of communication between two signal controllers (SC), for example for coordination purposes.

Requirements

PTV Vissim Module: VAP

Modelling technique

In this example SC 1 informs SC 2 about the current stage as soon as it starts an inter-stage. According to that information SC 2 switches to this stage one controller time step later (here: 1 simulation second).

In Vissim, a channel link between the two controllers is established: Via **Signal Control - Signal Controller Communication** channel no. 2 of SC 1 is linked with channel no. 11 of SC 2. The channel numbers can be freely chosen but need to be the same as used in the VAP commands `Marker_get` and `Marker_put`.

You can easily test the simulation without coordination by deleting the communication channel from Vissim. Then SC 2 remains at continuous green.