



First in Traffic Solutions.

INTELLIGENT TRAFFIC CONTROLLER (IVRI) FACTS AND FIGURES

P. Smit SWARCO Nederland B.V.



INTELLIGENT TRAFFIC CONTROLLER (ITLC) N205 EXPERIENCE WITH 6 CONTROLLERS

ITS APP

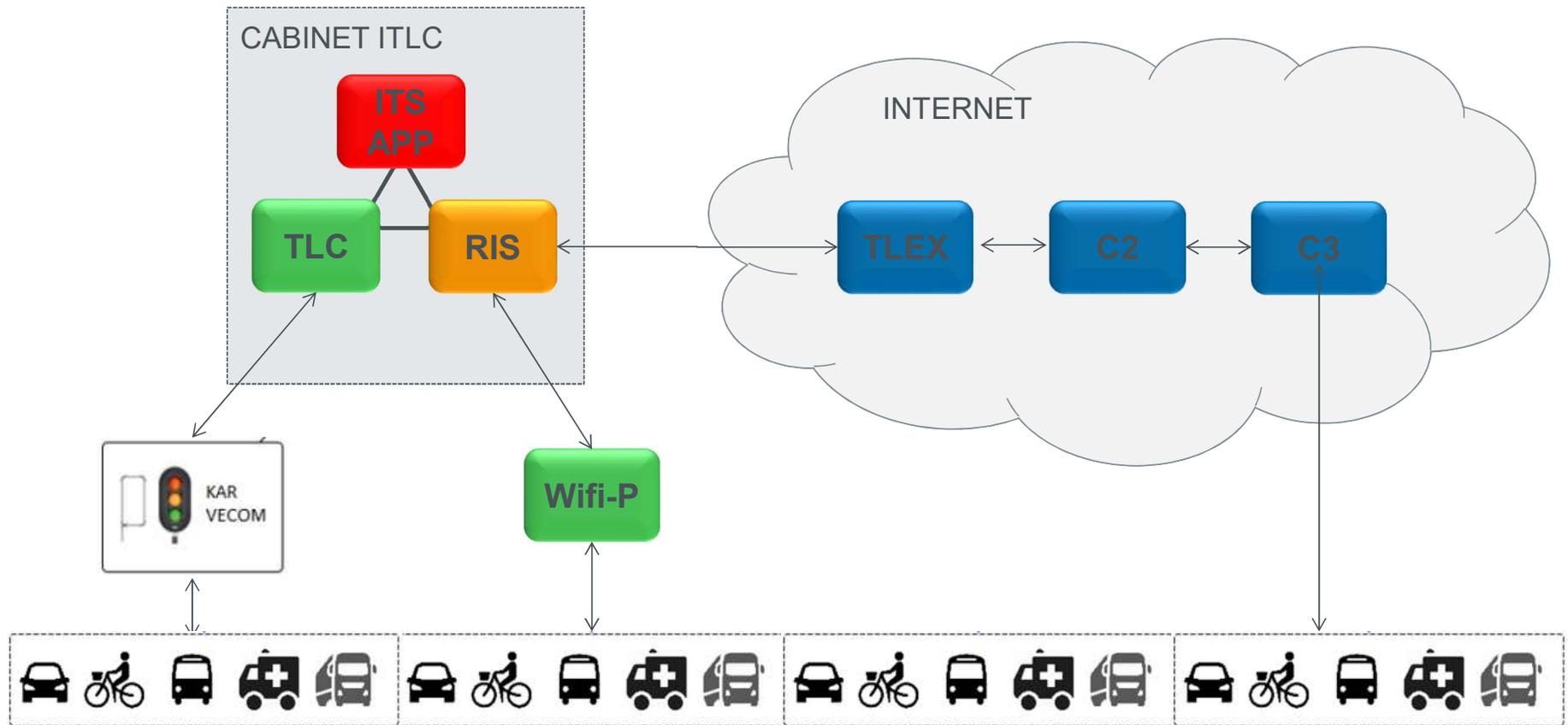
TLC

RIS

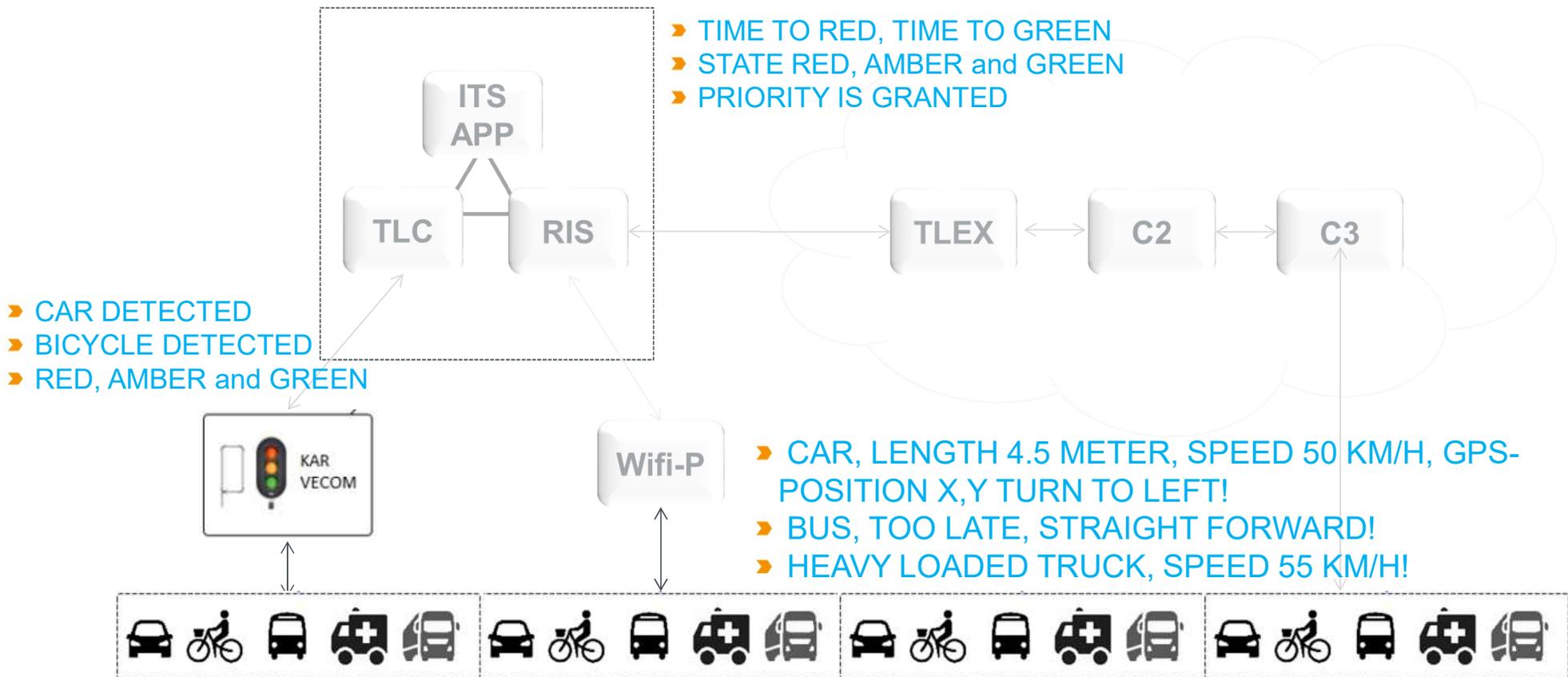
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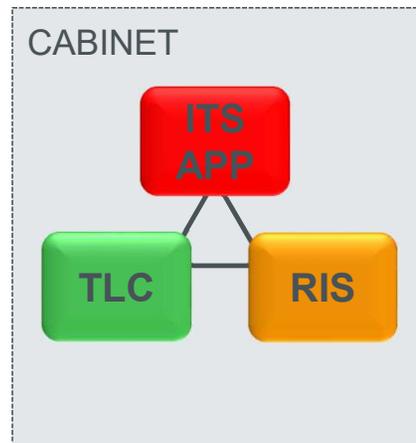
INTELLIGENT TRAFFIC CONTROLLER (iTLC) ARCHITECTURE



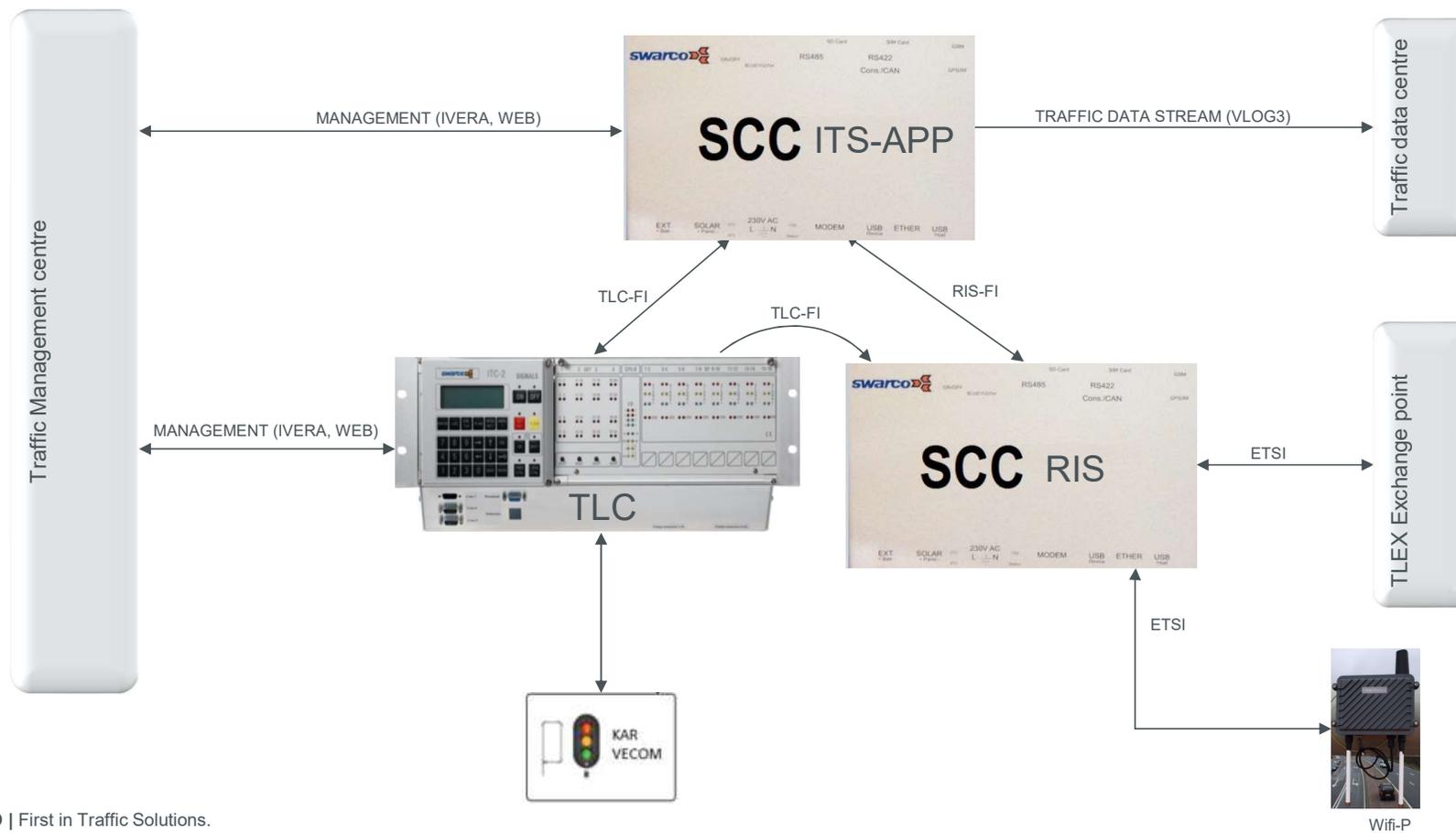
INTELLIGENT TRAFFIC CONTROLLER (IVRI) INFORMATIE



ITLC FUNCTIONAL ARCHITECTURE



ITLC SWARCO IMPLEMENTATION



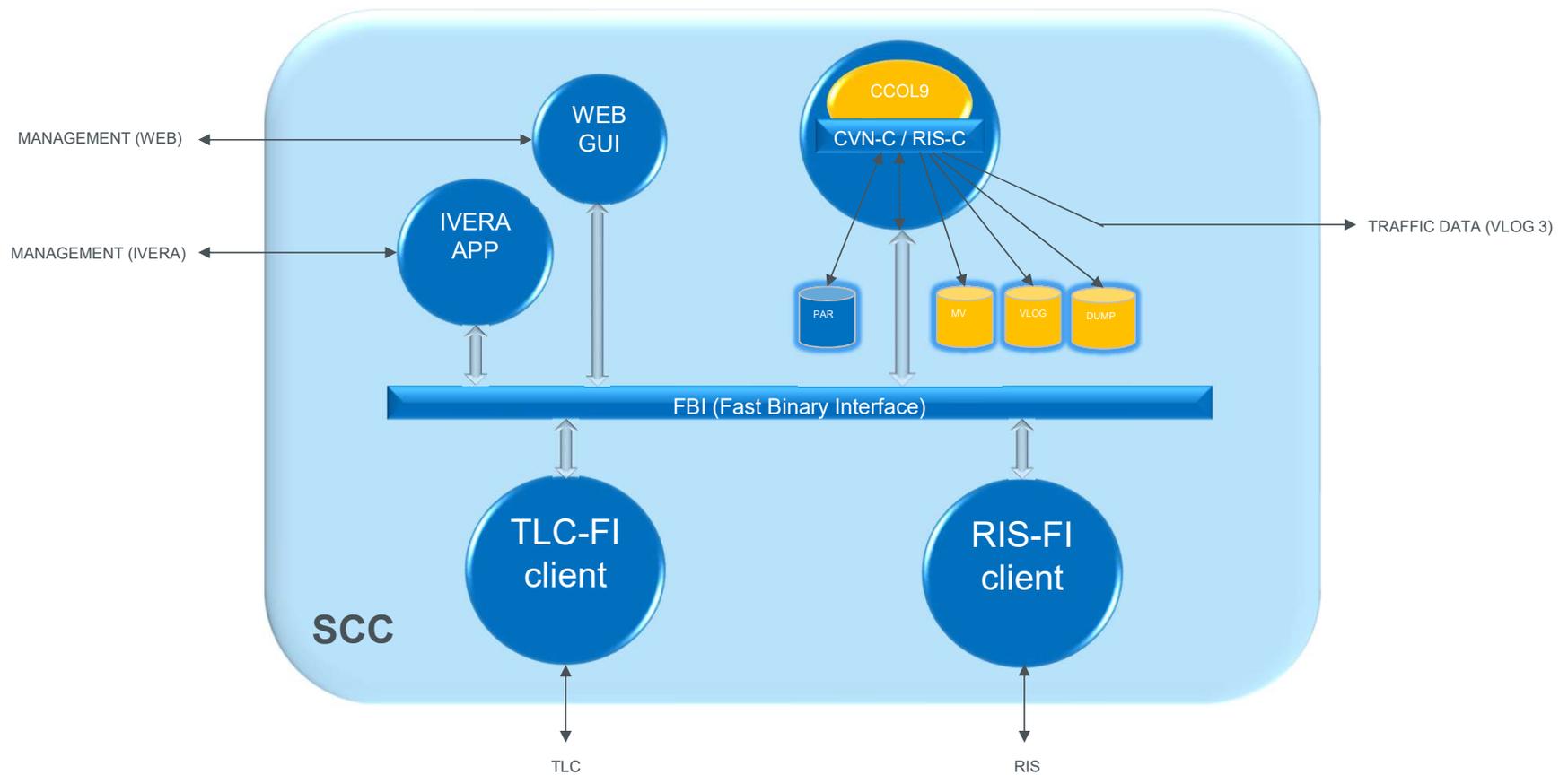
ITLC SWARCO IMPLEMENTATION IN CABINET



ITLC ITS APPLICATION



ITLC ITS APPLICATION



ITLC ITS APPLICATION VEHICLE PROCESSING

INCOMING VEHICLES

OUTGOING VEHICLES



IDENTIFICATION	SPEED	POSITION
		
		
		
		
		
		

ITLC ITS APPLICATION VEHICLE PROCESSING

INCOMING VEHICLES

OUTGOING VEHICLES

IDENTIFICATION	SPEED	POSITION
		
		
		
		
		
		
		

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IDENTIFICATION	SPEED	POSITION
		
		
		
		
		
		



ITLC ITS APPLICATION VEHICLE PROCESSING

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OUTGOING VEHICLES

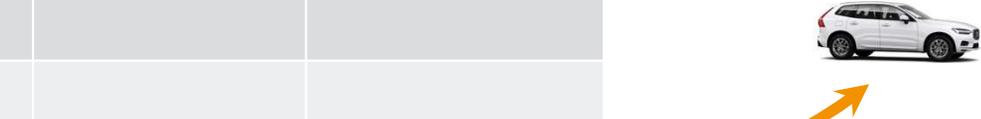
IDENTIFICATION	SPEED	POSITION
		
		
		
		
		
		

ITLC ITS APPLICATION VEHICLE PROCESSING

INCOMING VEHICLES

OUTGOING VEHICLES

IDENTIFICATION	SPEED	POSITION
		
		
		
		
		



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INCOMING VEHICLES

OUTGOING VEHICLES

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INCOMING VEHICLES

OUTGOING VEHICLES

IDENTIFICATION	SPEED	POSITION
		
		
		
		



ITLC ITS APPLICATION VEHICLE PROCESSING

INCOMING VEHICLES

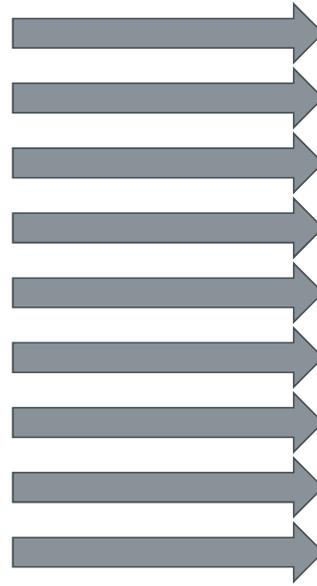
OUTGOING VEHICLES

IDENTIFICATION	SPEED	POSITION
		
		
		
		

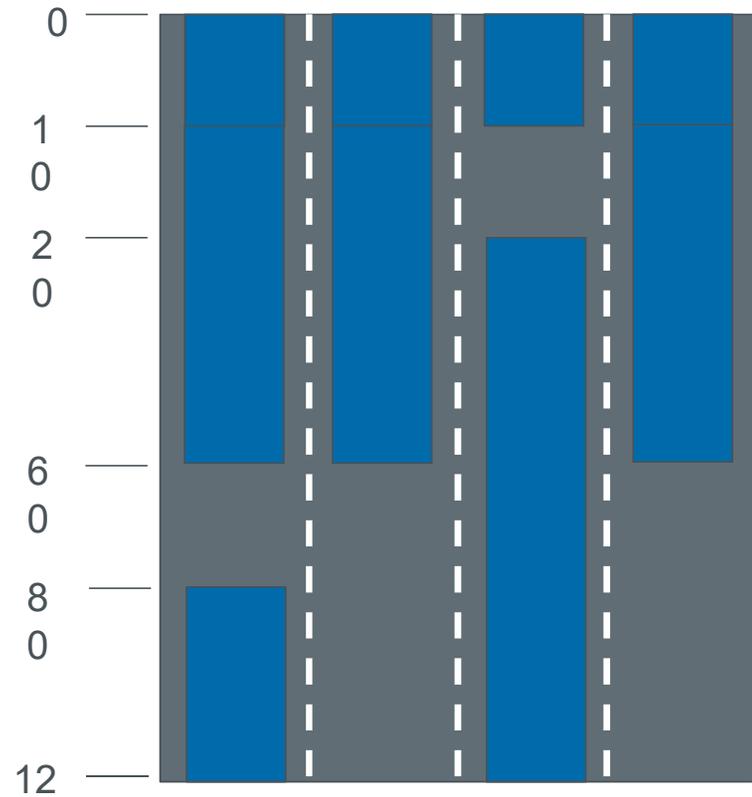
ITLC ITS APPLICATION VIRTUAL DETECTION

HIGHSPEED VEHICLE BUFFER

IDENTIFICATION	SPEED	POSITION
		
		
		
		
		
		
		
		
		



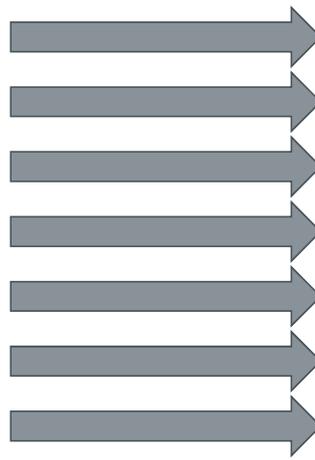
VIRTUAL DETECTION AREAS



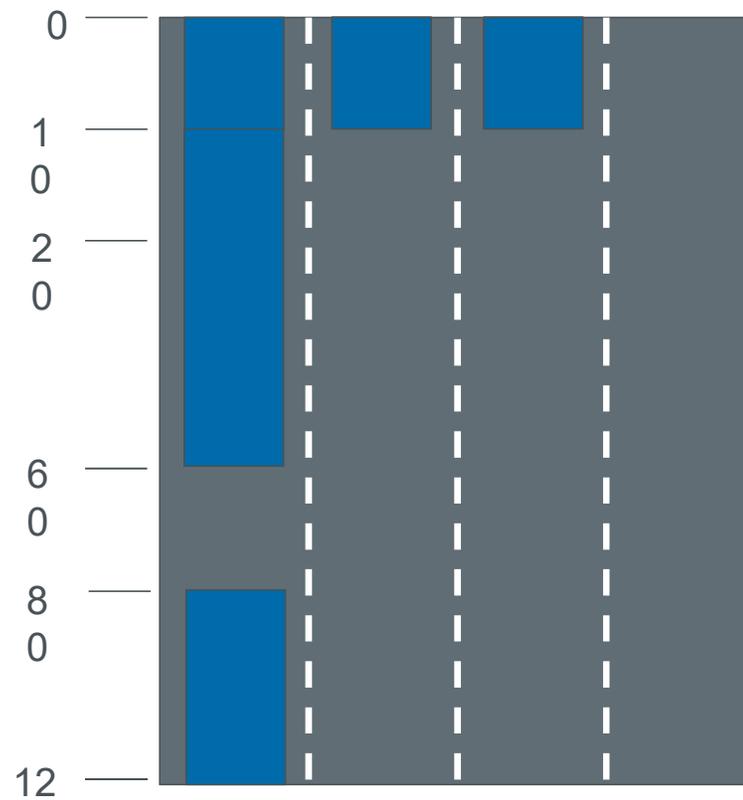
ITLC ITS APPLICATION VIRTUAL DETECTION

HIGHSPEED VEHICLE BUFFER

IDENTIFICATION	SPEED	POSITION
		
		
		
		
		
		
		



VIRTUEL DETECTION AREAS



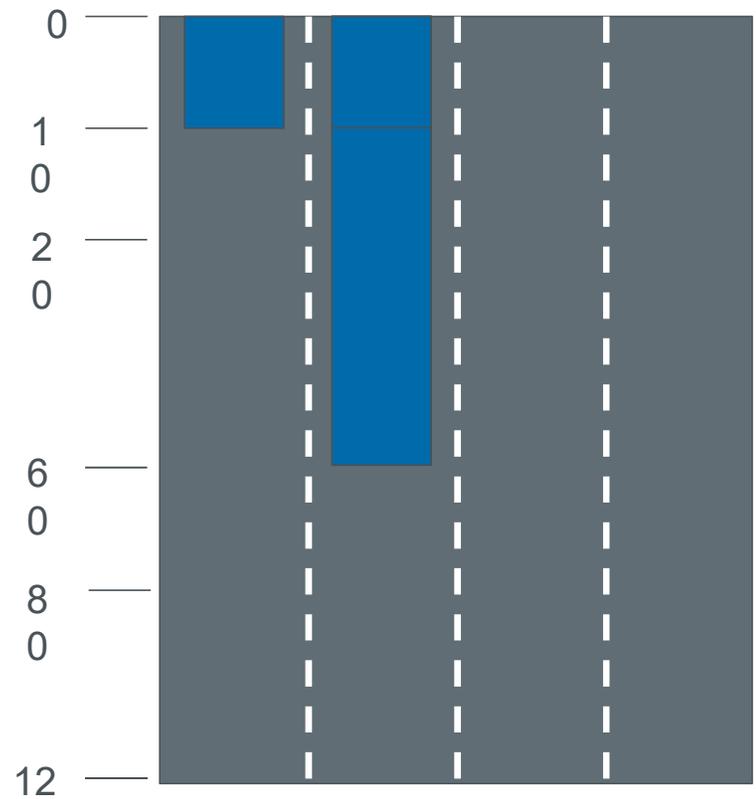
ITLC ITS APPLICATION VIRTUAL DETECTION

HIGHSPEED VOERTUIGBUFFER

IDENTIFICATION	SPEED	POSITION
		
		
		



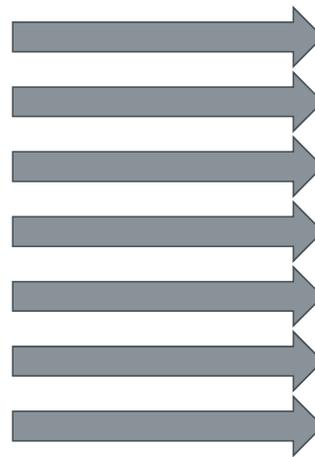
VIRTUELE DETECTIEGEBIEDEN



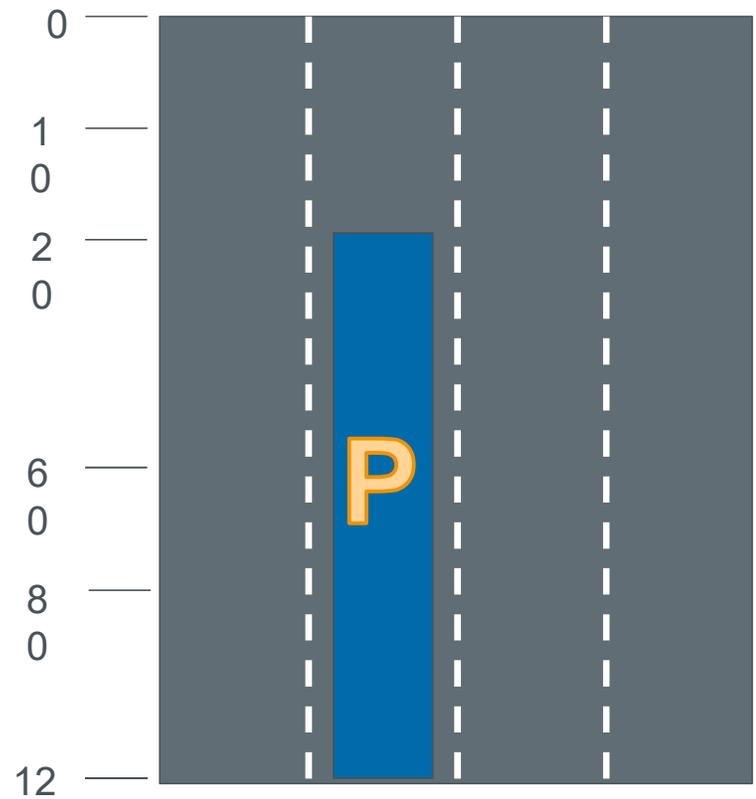
ITLC ITS APPLICATION PELOTON DETECTION

HIGHSPEED VEHICLE BUFFER

IDENTIFICATION	SPEED	POSITION
		
		
		
		
		
		
		



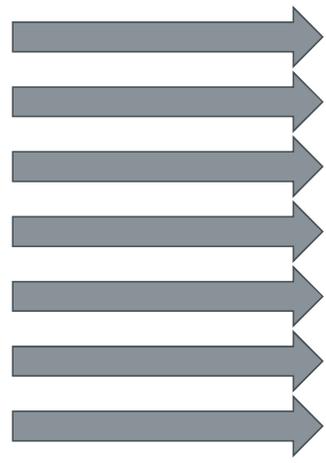
VIRTUAL DETECTION AREAS



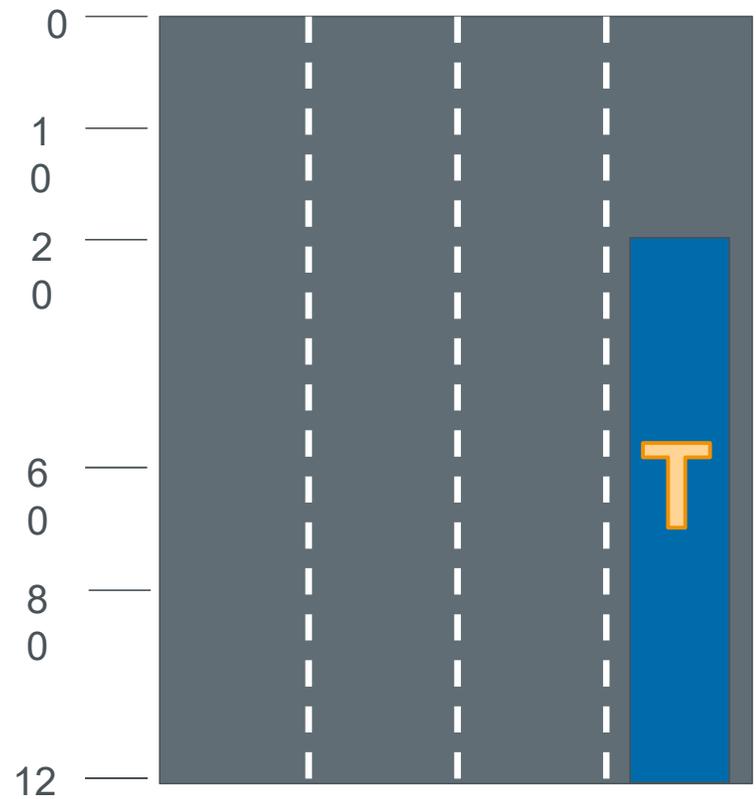
ITLC ITS APPLICATION TRUCK DETECTION

HIGHSPEED VEHICLE BUFFER

IDENTIFICATION	SPEED	POSITION
		
		
		
		
		



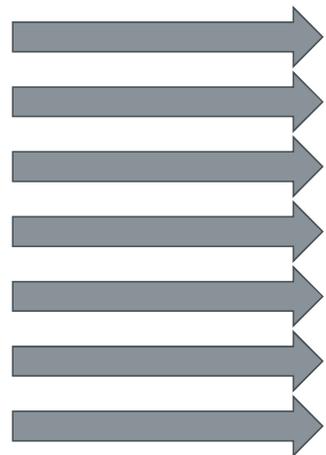
VIRTUAL DETECTION AREAS



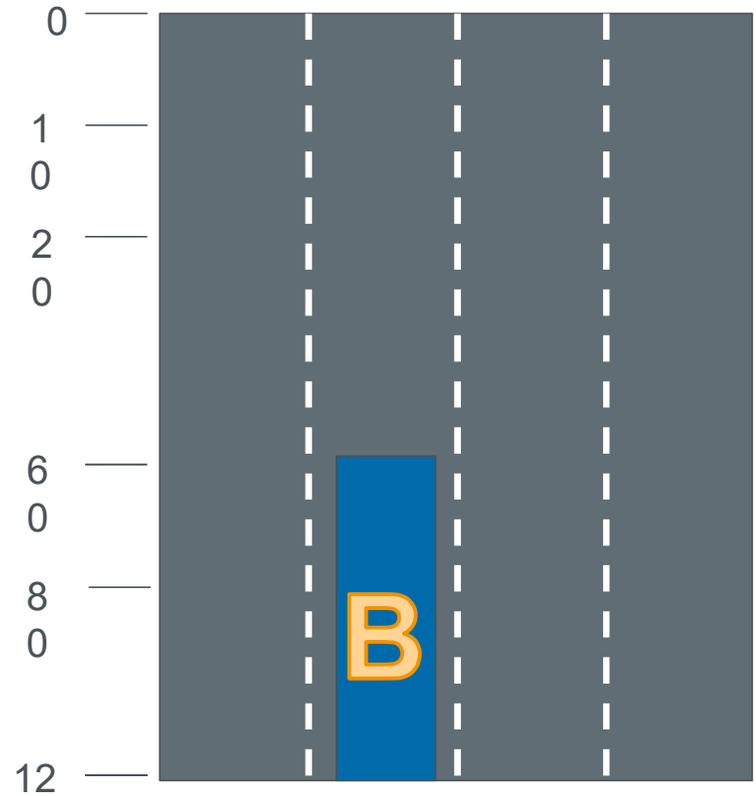
ITLC ITS APPLICATION PT PRIORITY

HIGHSPEED VEHICLE BUFFER

IDENTIFICATION	SPEED	POSITION
  	SRM SSM	



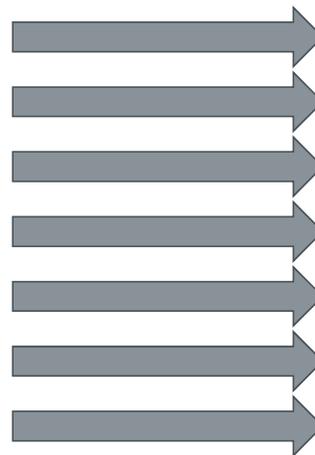
VIRTUAL DETECTION AREAS



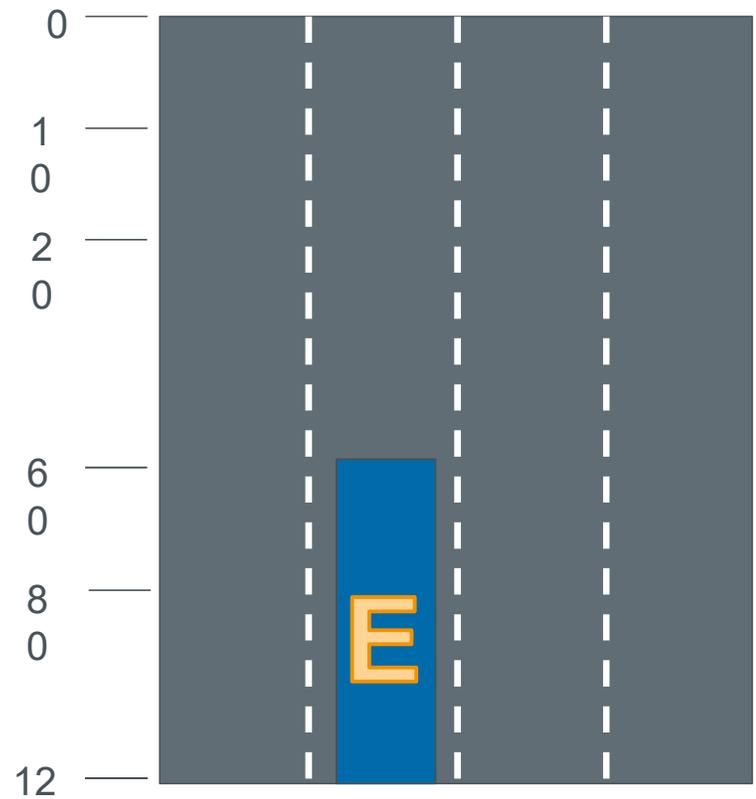
ITLC ITS APPLICATION EMERGENCY VEHICLE PRIORITY

HIGHSPEED VEHICLE BUFFER

IDENTIFICATION	SPEED	POSITION
		
		
 SRM SSM		
		
		
		



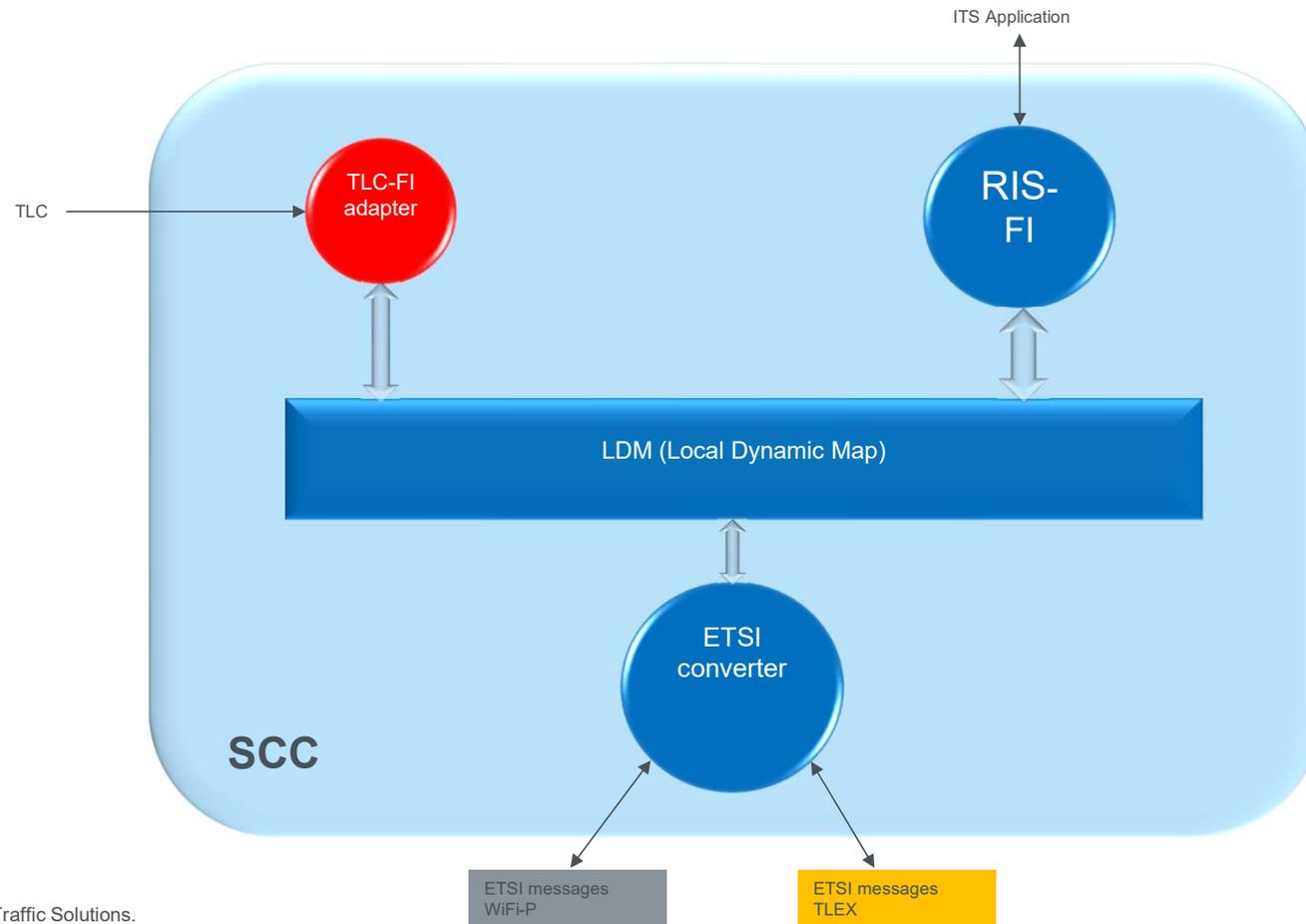
VIRTUAL DETECTION AREAS



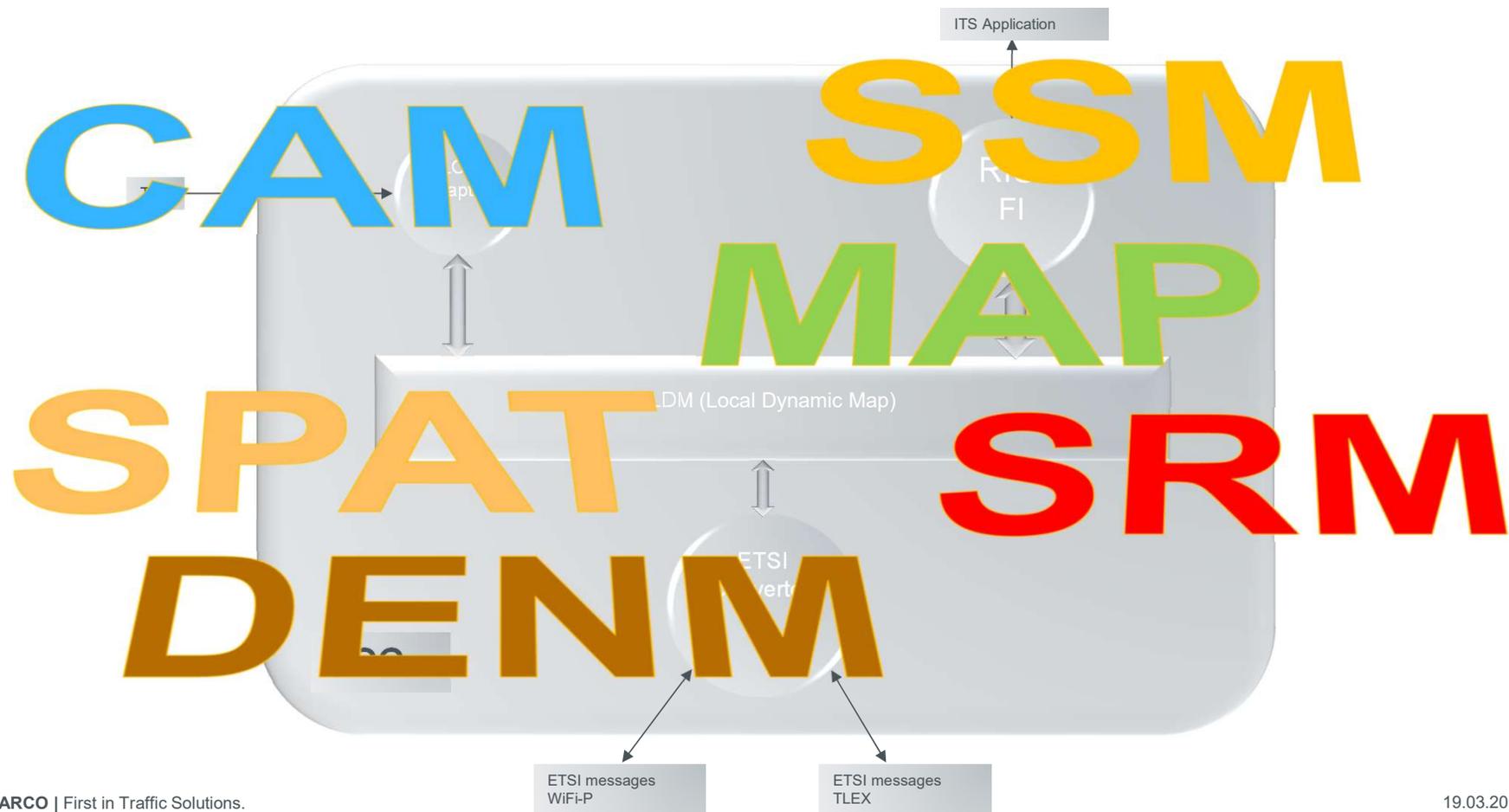
ITLC RIS ROADSIDE INFORMATION SYSTEM



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ITLC RIS ROADSIDE INFORMATION SYSTEM



ITLC RIS LOCAL DYNAMIC MAP



ITLC RIS LOCAL DYNAMIC MAP



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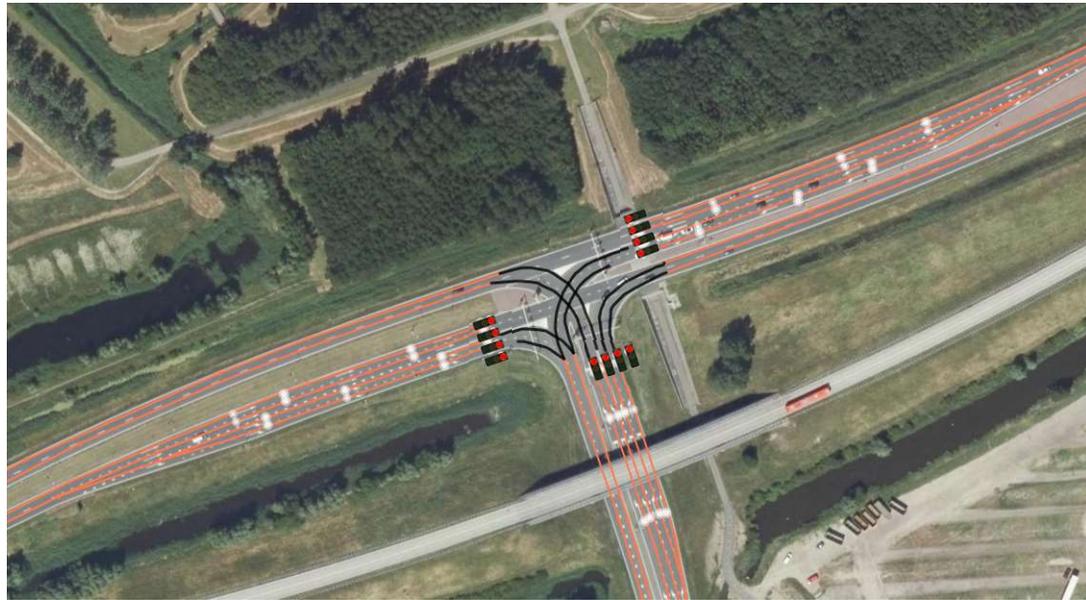
ITLC RIS LOCAL DYNAMIC MAP

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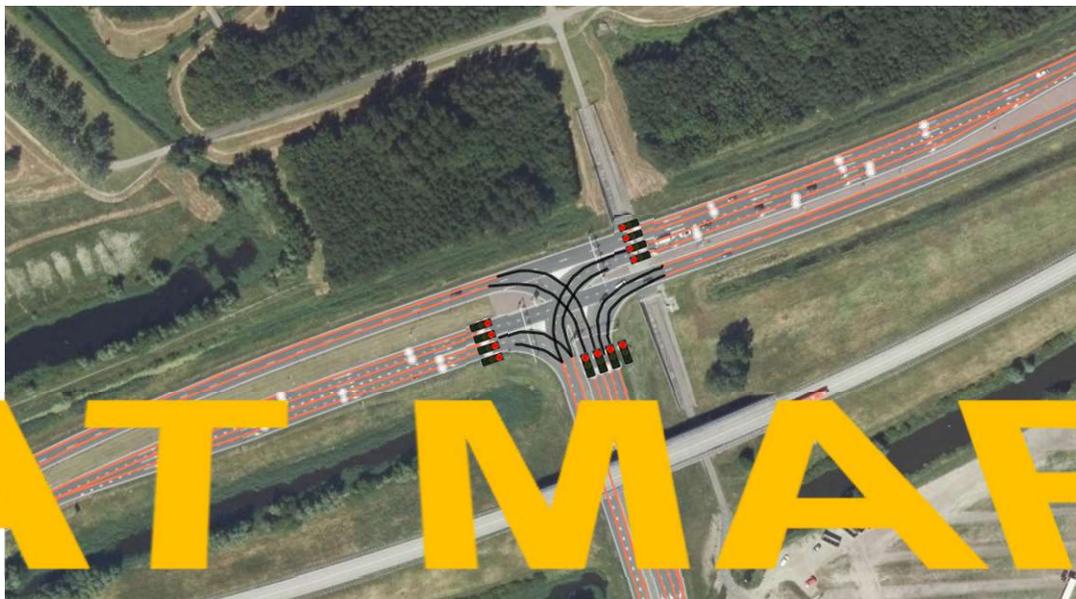
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ITLC RIS LOCAL DYNAMIC MAP



SWARCO | First in Traffic Solutions.

ITLC RIS LOCAL DYNAMIC MAP



SPAT MAP



SWARCO | First in Traffic Solutions.

ITLC RIS LOCAL DYNAMIC MAP

SRM



SWARCO | First in Traffic Solutions.



SSM

ITLC RIS LOCAL DYNAMIC MAP

SRM SSM



SWARCO | First in Traffic Solutions.

ITLC RIS LOCAL DYNAMIC MAP

SRM



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SSM

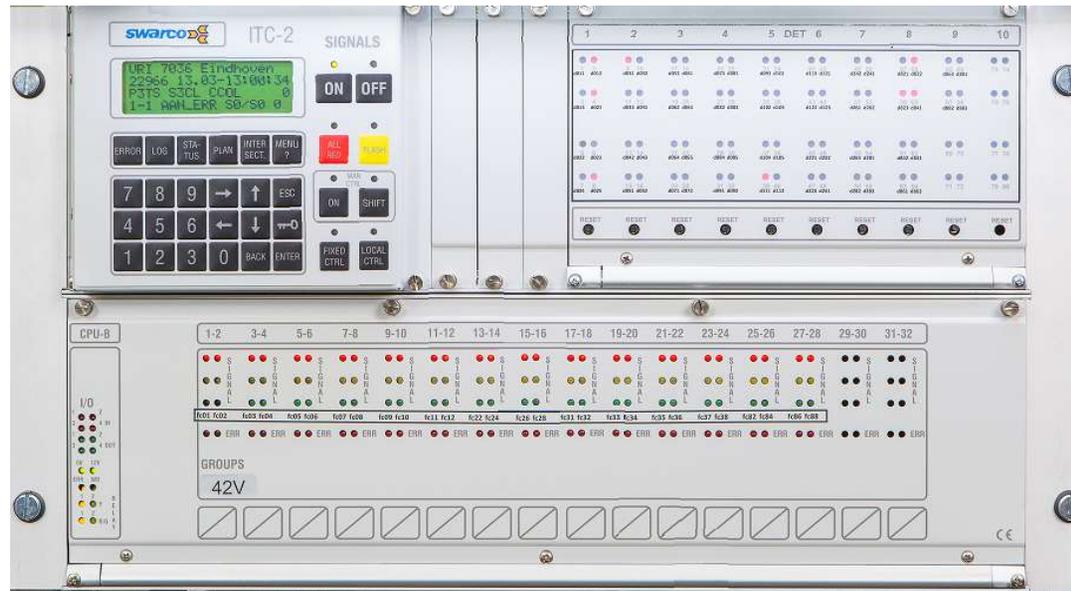
ITLC RIS LOCAL DYNAMIC MAP

SRM SSM

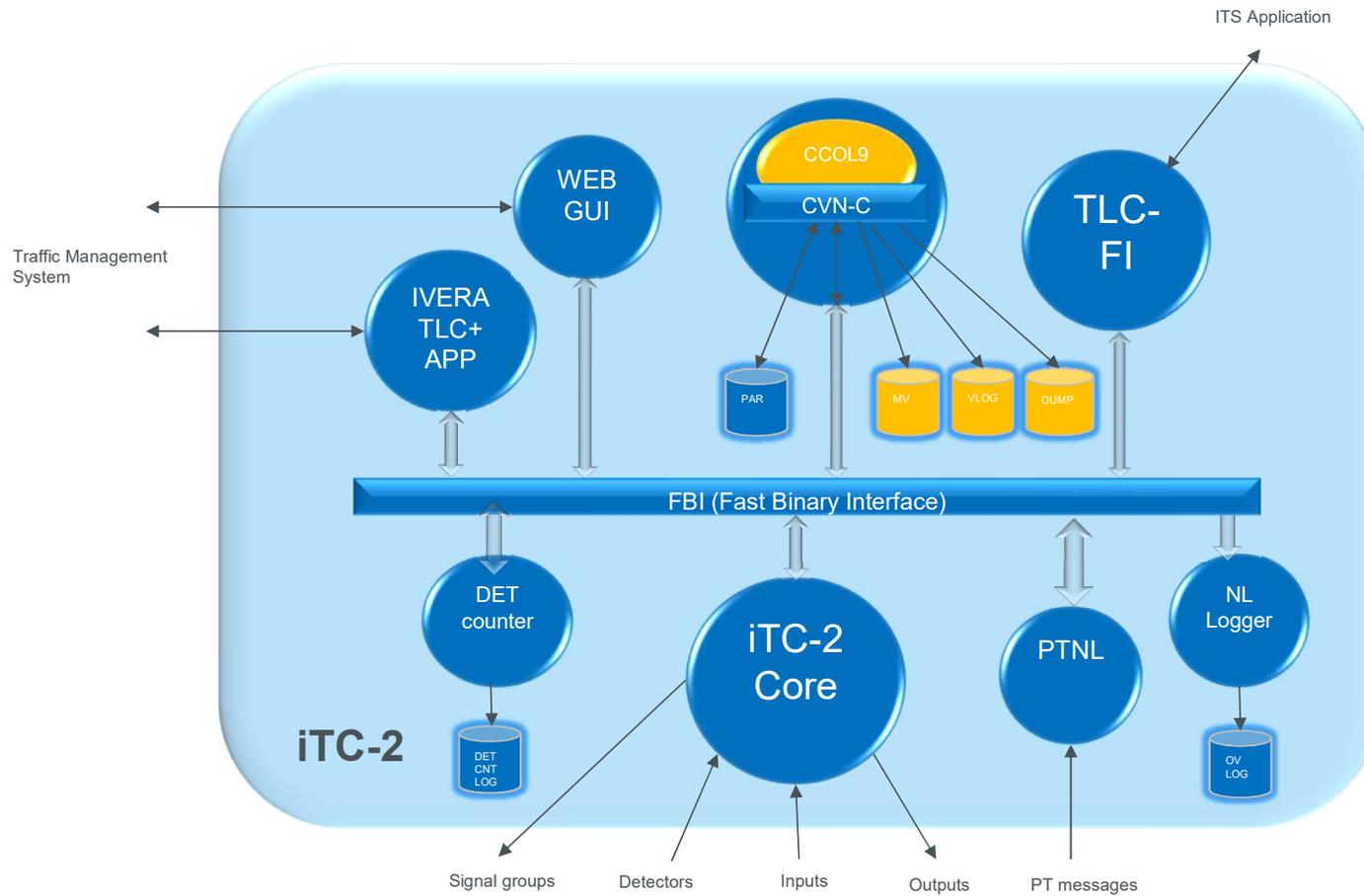


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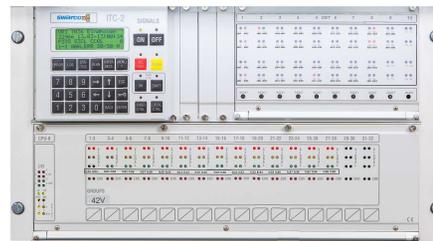
ITLC TLC TRAFFIC LIGHT CONTROLLER



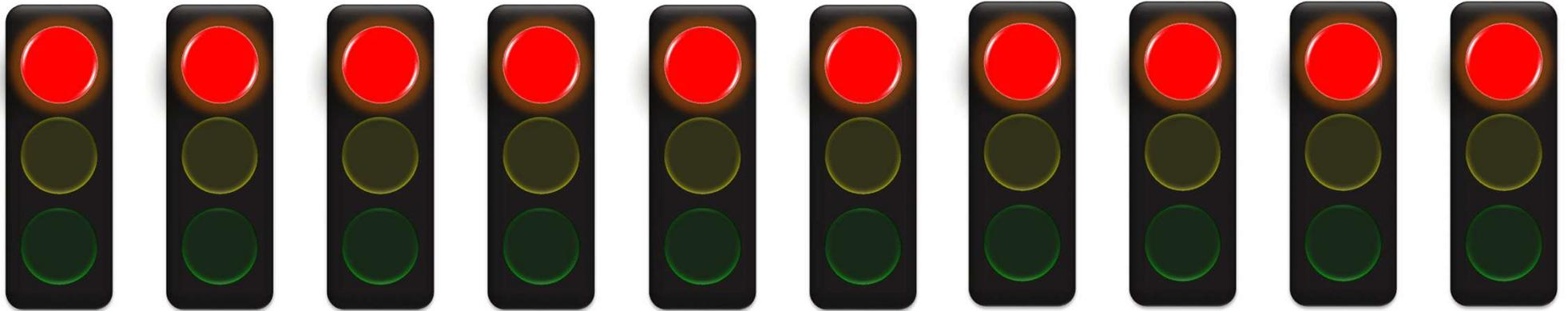
ITLC TRAFFIC LIGHT CONTROLLER



IVRI TLC TRAFFIC LIGHT CONTROLLER



ITLC TRAFFIC LIGHT CONTROLLER



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