

INTELLIGENT TRAFFIC CONTROLLER (IVRI) FACTS AND FIGURES

P. Smit SWARCO Nederland B.V.

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INTELLIGENT TRAFFIC CONTROLLER (ITLC) N205 EXPERIENCE WITH 6 CONTROLLERS

ITS APP

TLC

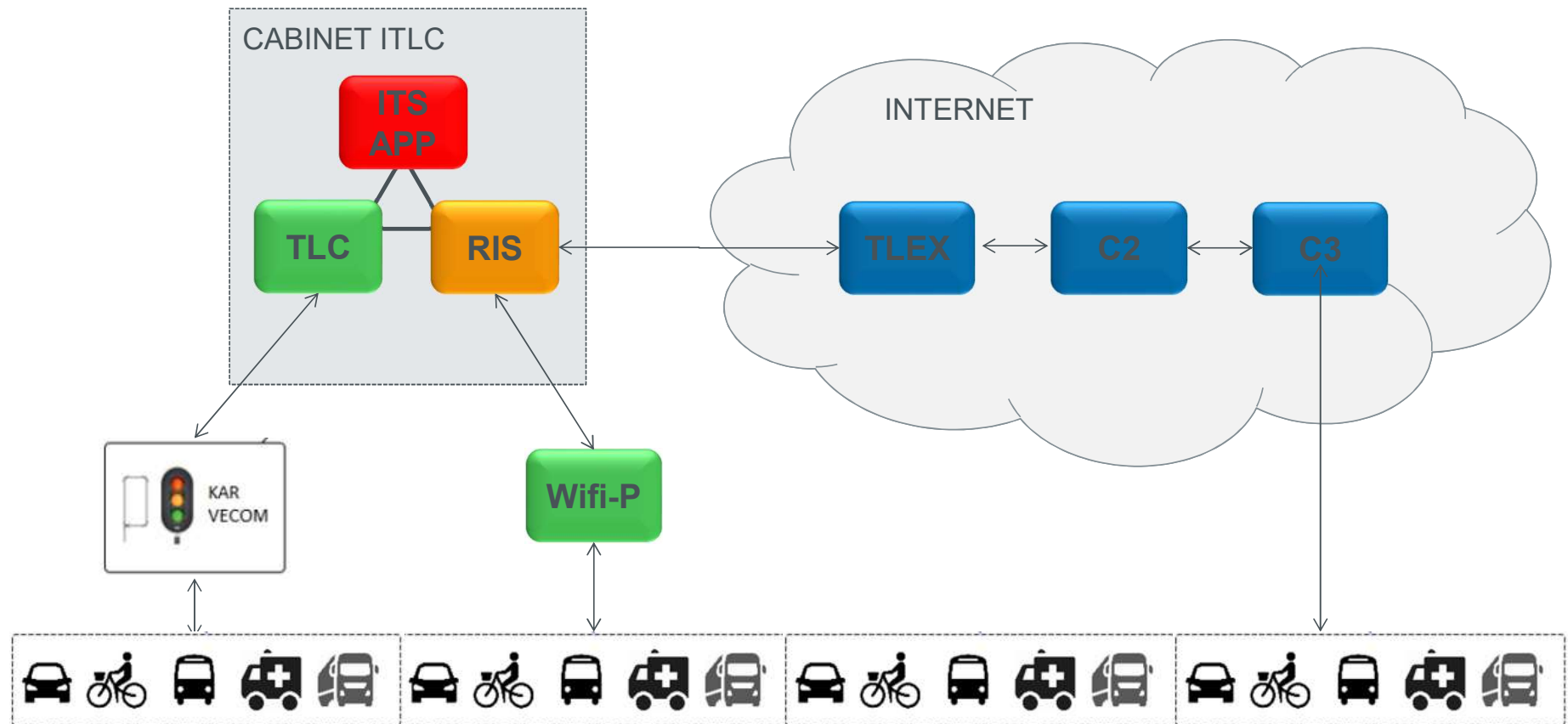
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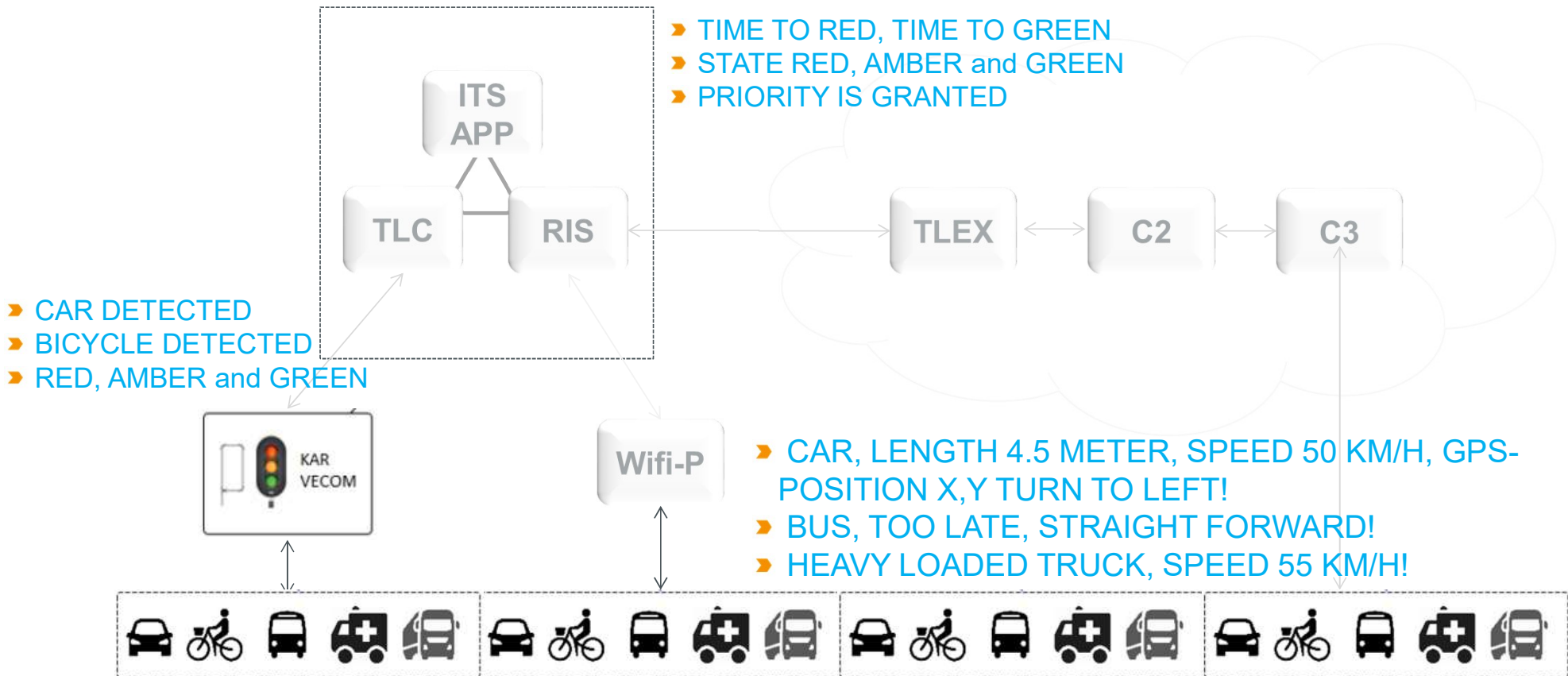
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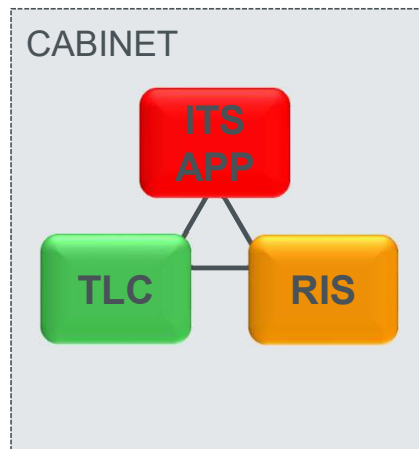
INTELLIGENT TRAFFIC CONTROLLER (iTLC) ARCHITECTURE



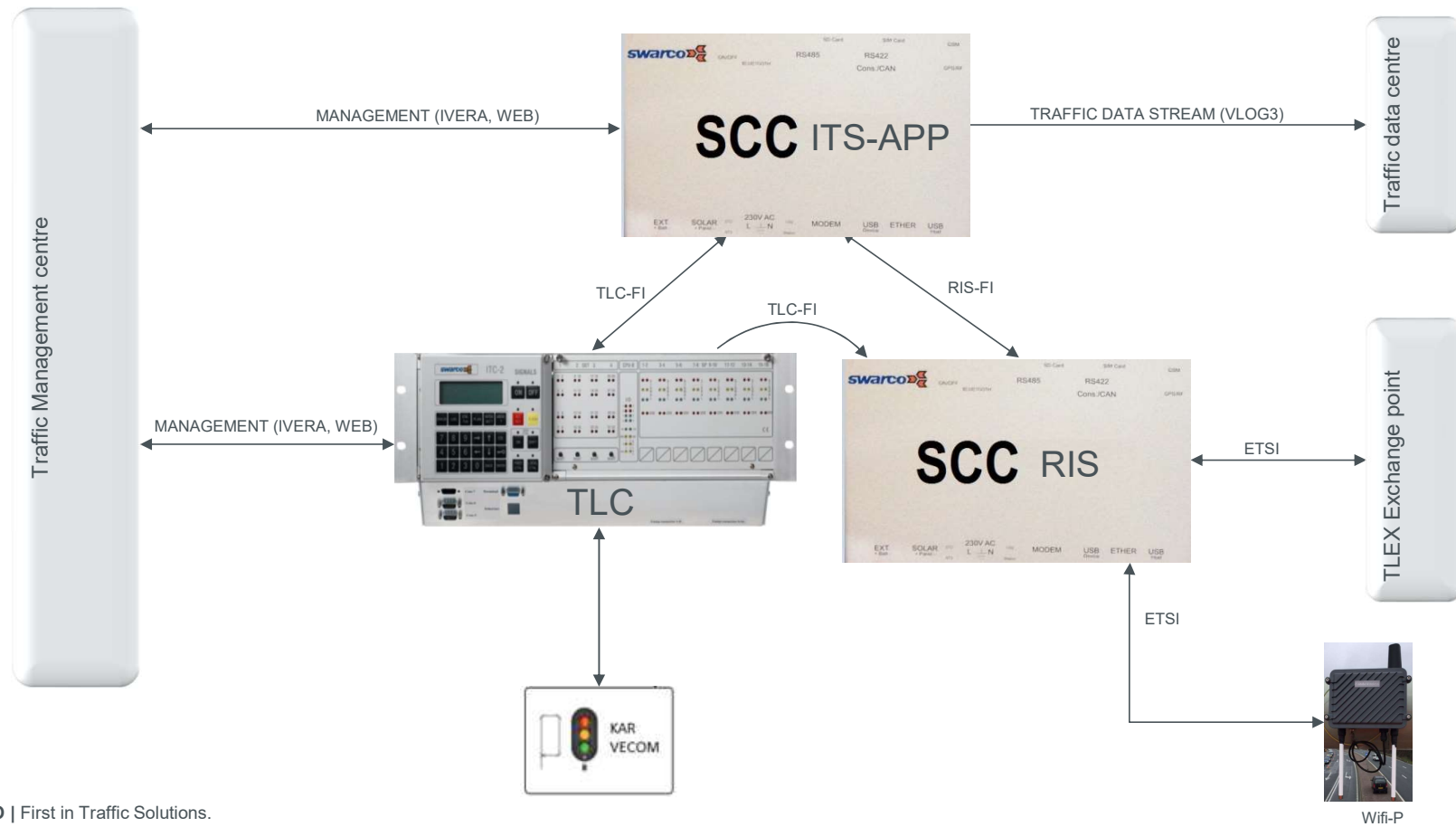
INTELLIGENT TRAFFIC CONTROLLER (IVRI) INFORMATIE



ITLC FUNCTIONAL ARCHITECTURE



ITLC SWARCO IMPLEMENTATION



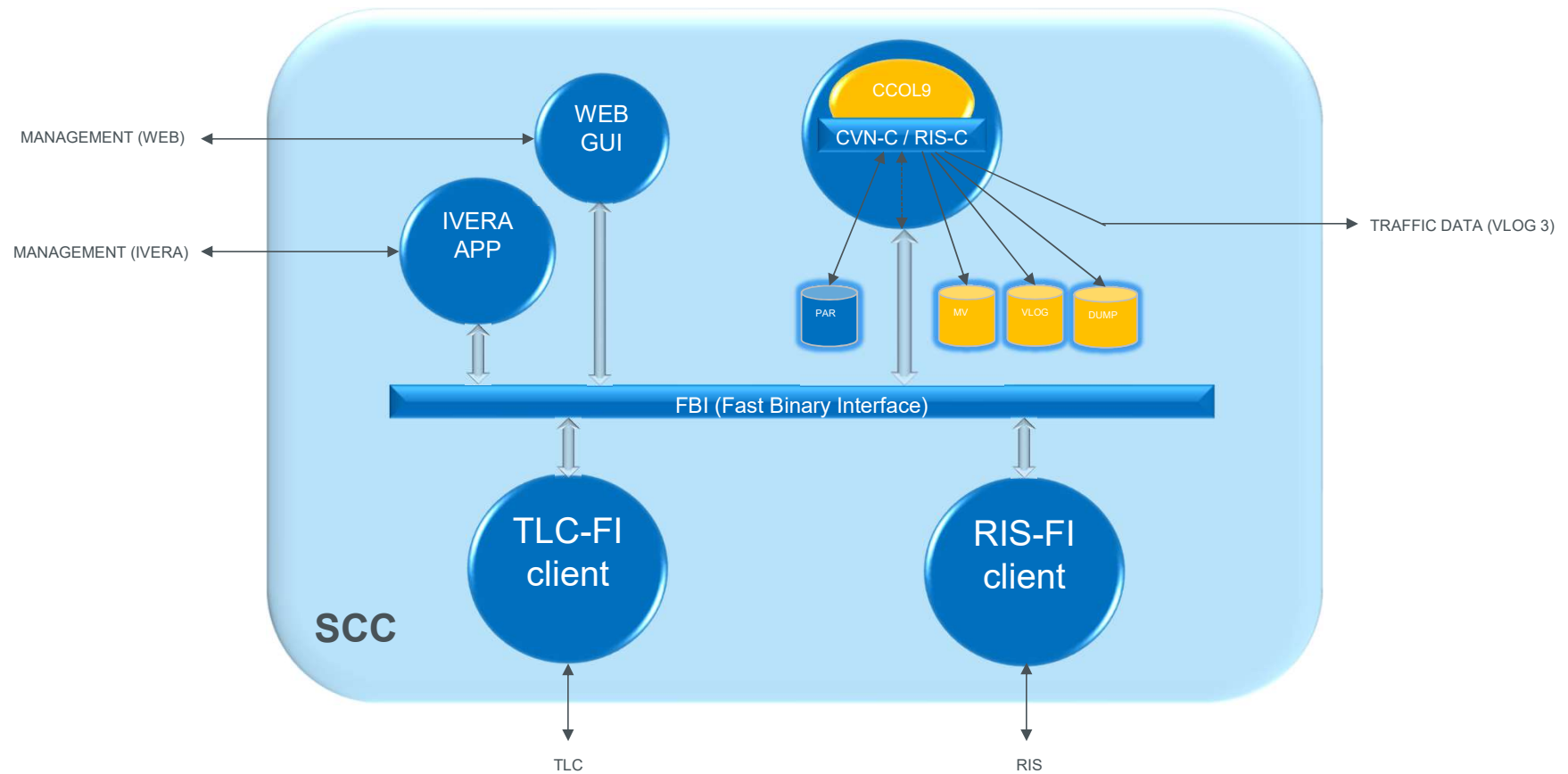
ITLC SWARCO IMPLEMENTATION IN CABINET



ITLC ITS APPLICATION









ITLC ITS APPLICATION



ITLC ITS APPLICATION VEHICLE PROCESSING

INCOMING VEHICLES










IDENTIFICATION	SPEED	POSITION
		
		
		
		
		
		

OUTGOING VEHICLES

ITLC ITS APPLICATION VEHICLE PROCESSING

INCOMING VEHICLES








OUTGOING VEHICLES

IDENTIFICATION	SPEED	POSITION
		
		
		
		
		
		
		

ITLC ITS APPLICATION VEHICLE PROCESSING

INCOMING VEHICLES







OUTGOING VEHICLES

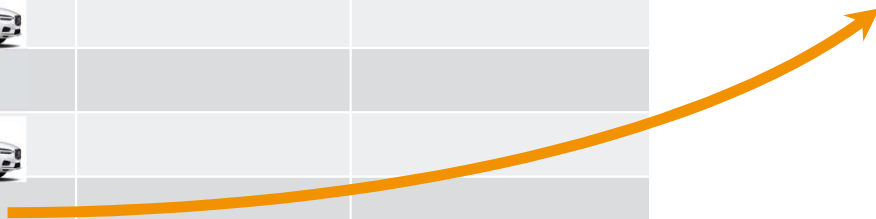
IDENTIFICATION	SPEED	POSITION
		
		
		
		
		
		
		

ITLC ITS APPLICATION VEHICLE PROCESSING

INCOMING VEHICLES

OUTGOING VEHICLES







IDENTIFICATION	SPEED	POSITION
		
		
		
		
		
		



ITLC ITS APPLICATION VEHICLE PROCESSING

INCOMING VEHICLES






OUTGOING VEHICLES

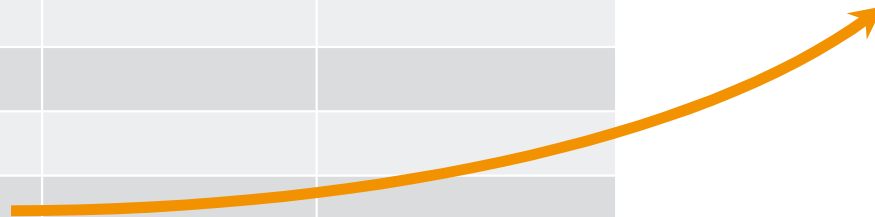
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ITLC ITS APPLICATION VEHICLE PROCESSING

INCOMING VEHICLES

OUTGOING VEHICLES






IDENTIFICATION	SPEED	POSITION
		
		
		
		
		



ITLC ITS APPLICATION VEHICLE PROCESSING

INCOMING VEHICLES





OUTGOING VEHICLES

IDENTIFICATION	SPEED	POSITION
		
		
		
		
		

ITLC ITS APPLICATION VEHICLE PROCESSING

INCOMING VEHICLES

OUTGOING VEHICLES





IDENTIFICATION	SPEED	POSITION
		
		
		
		



ITLC ITS APPLICATION VEHICLE PROCESSING

INCOMING VEHICLES

OUTGOING VEHICLES

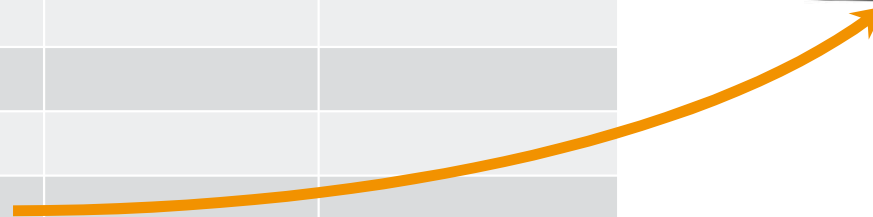
IDENTIFICATION	SPEED	POSITION
		
		
		
		

ITLC ITS APPLICATION VEHICLE PROCESSING

INCOMING VEHICLES

OUTGOING VEHICLES

IDENTIFICATION	SPEED	POSITION



INCOMING VEHICLES










OUTGOING VEHICLES

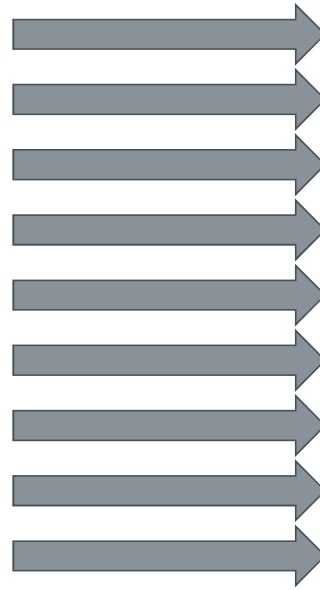
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HIGH SPEED VEHICLE BUFFER

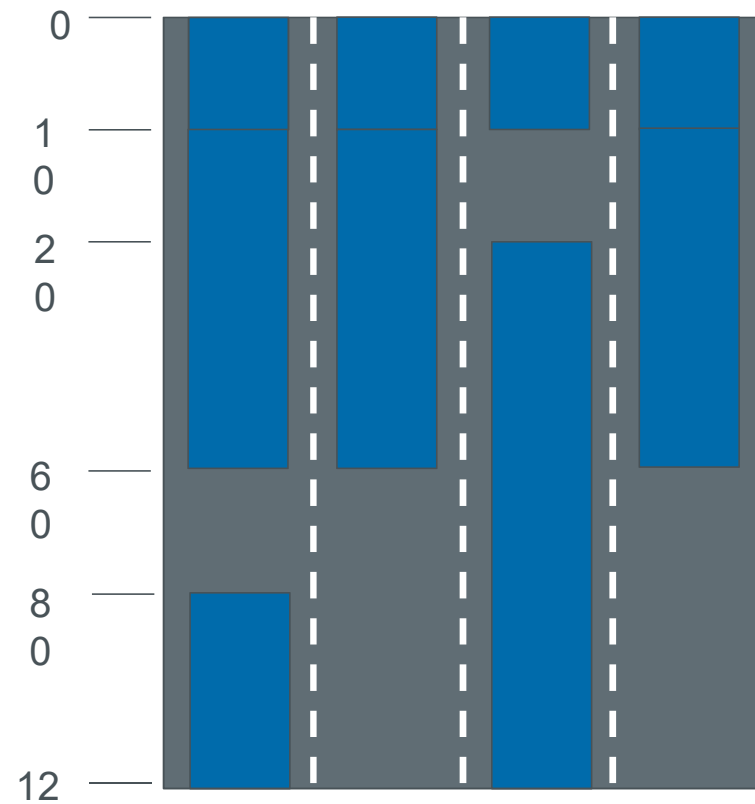
ITLC ITS APPLICATION VIRTUAL DETECTION

HIGHSPEED VEHICLE BUFFER

IDENTIFICATION	SPEED	POSITION
		
		
		
		
		
		
		
		
		










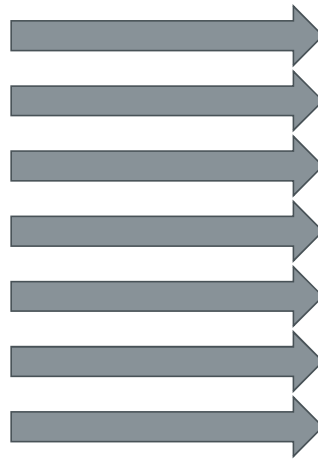
VIRTUAL DETECTION AREAS



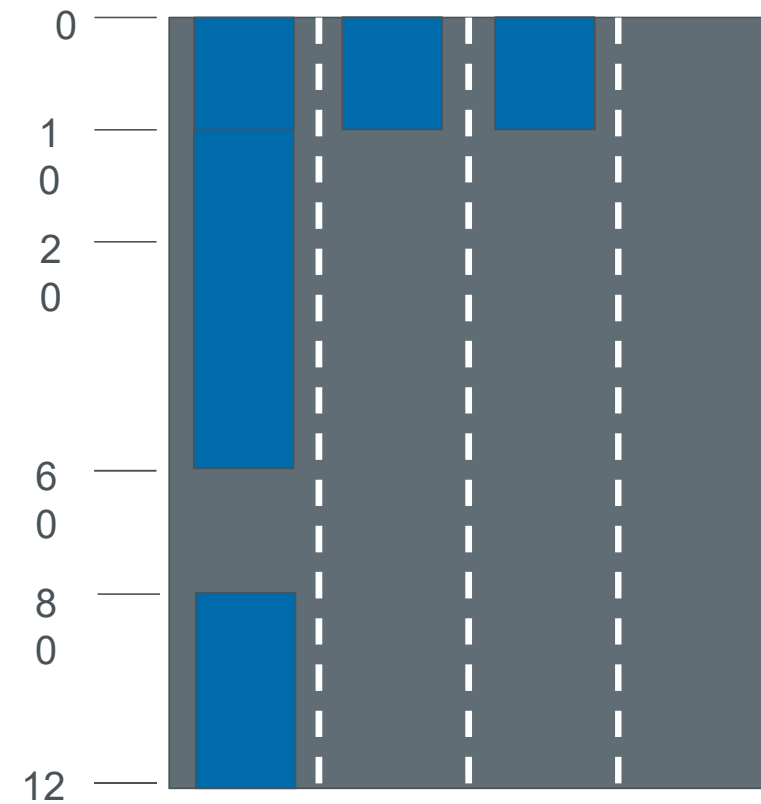
ITLC ITS APPLICATION VIRTUAL DETECTION

HIGHSPEED VEHICLE BUFFER

IDENTIFICATION	SPEED	POSITION
		
		
		
		
		
		
		






VIRTUEL DETECTION AREAS



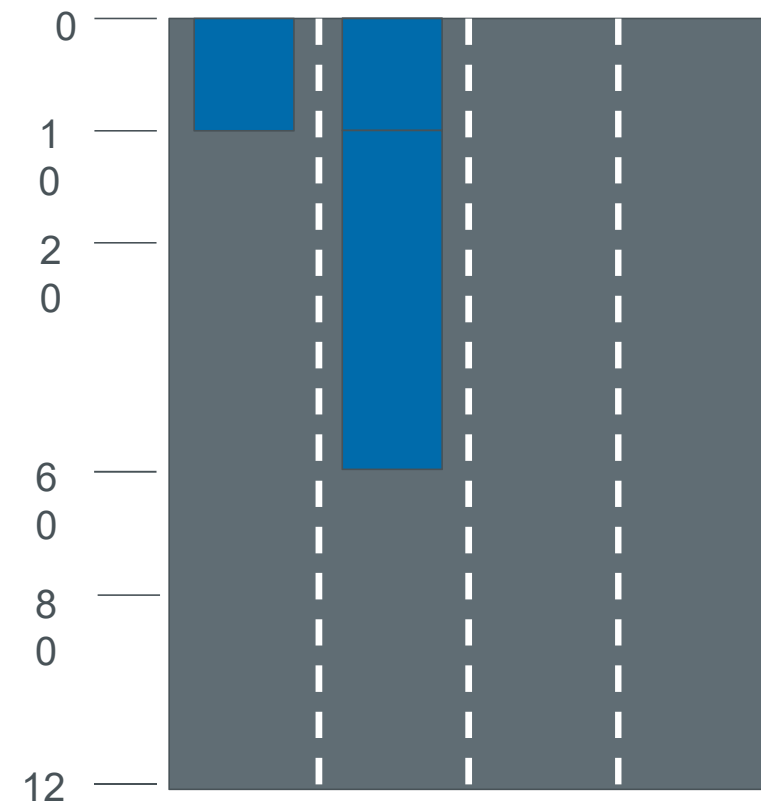
ITLC ITS APPLICATION VIRTUAL DETECTION

HIGHSPEED VOERTUIGBUFFER

IDENTIFICATION	SPEED	POSITION
		
		
		




VIRTUELE DETECTIEGEBIEDEN



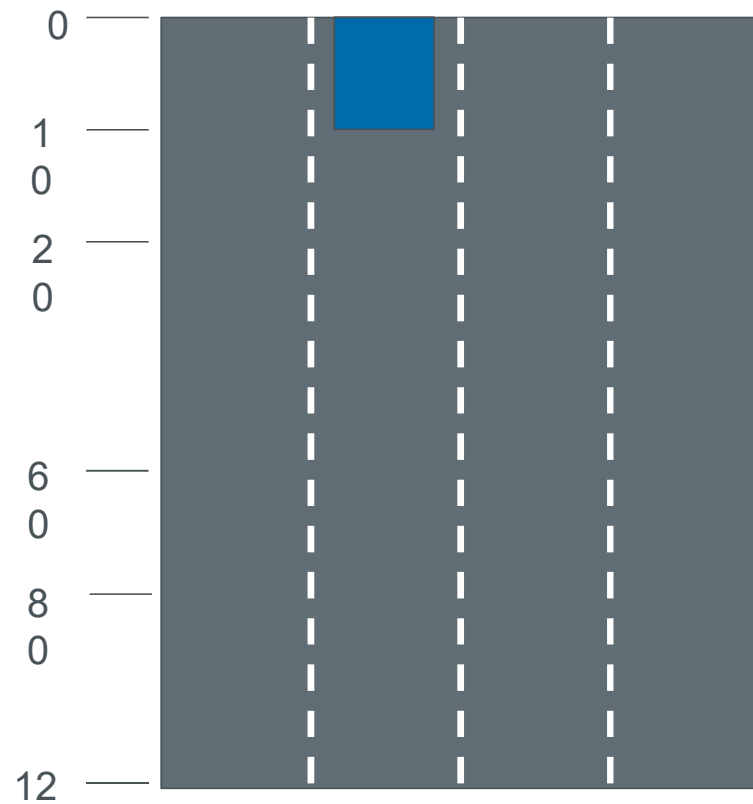
ITLC ITS APPLICATION VIRTUAL DETECTION

HIGHSPEED VOERTUIGBUFFER

IDENTIFICATION	SPEED	POSITION
		










VIRTUELE DETECTIEGEBIEDEN

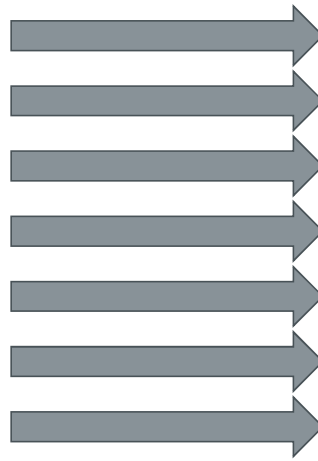


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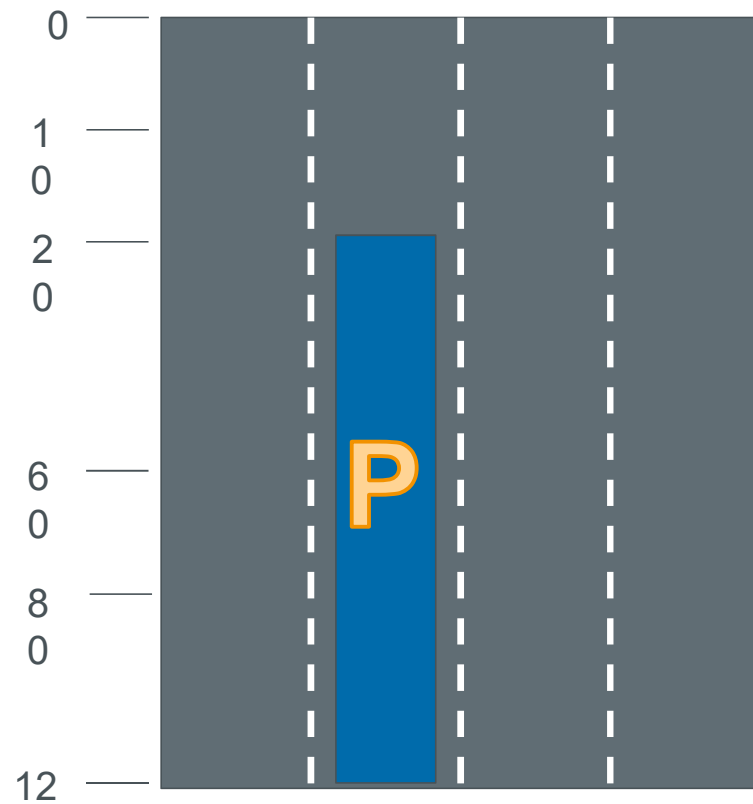
ITLC ITS APPLICATION PELOTON DETECTION

HIGHSPEED VEHICLE BUFFER

IDENTIFICATION	SPEED	POSITION
		
		
		
		
		
		
		



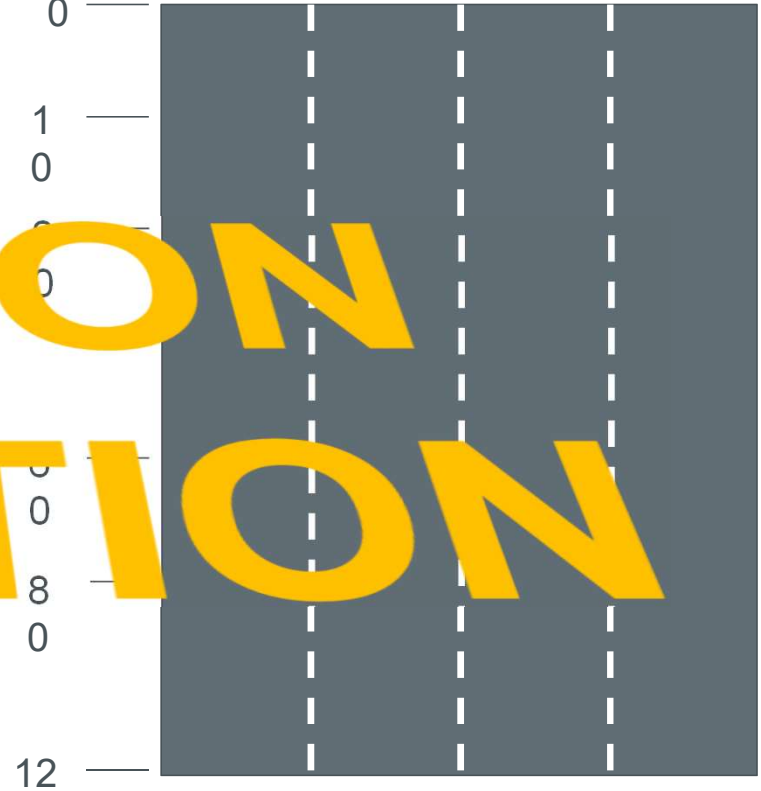
VIRTUAL DETECTION AREAS



IDENTIFICATION	SPEED	POSITION






PEL

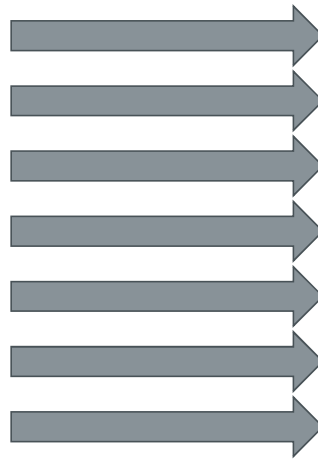
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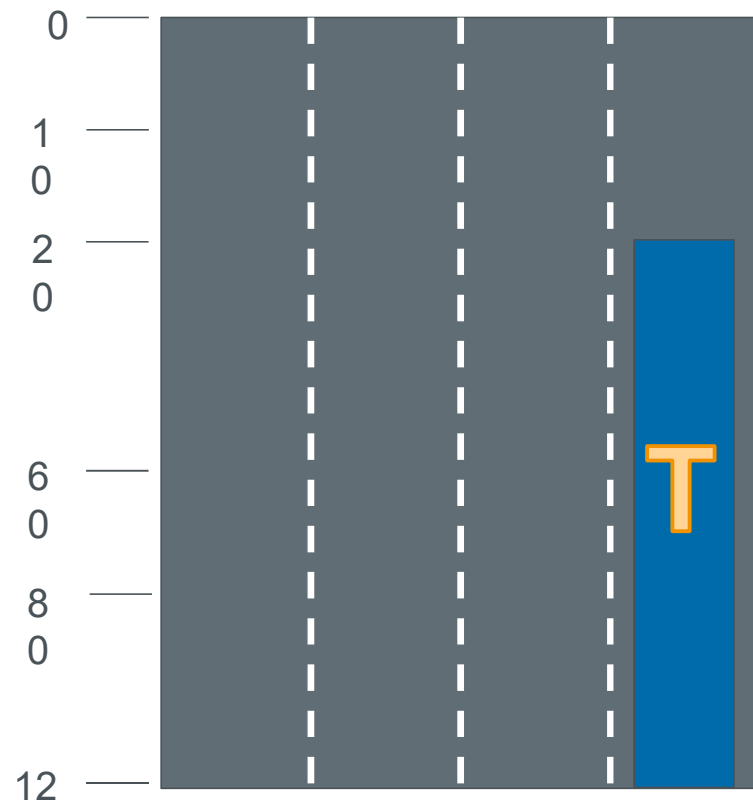
ITLC ITS APPLICATION TRUCK DETECTION

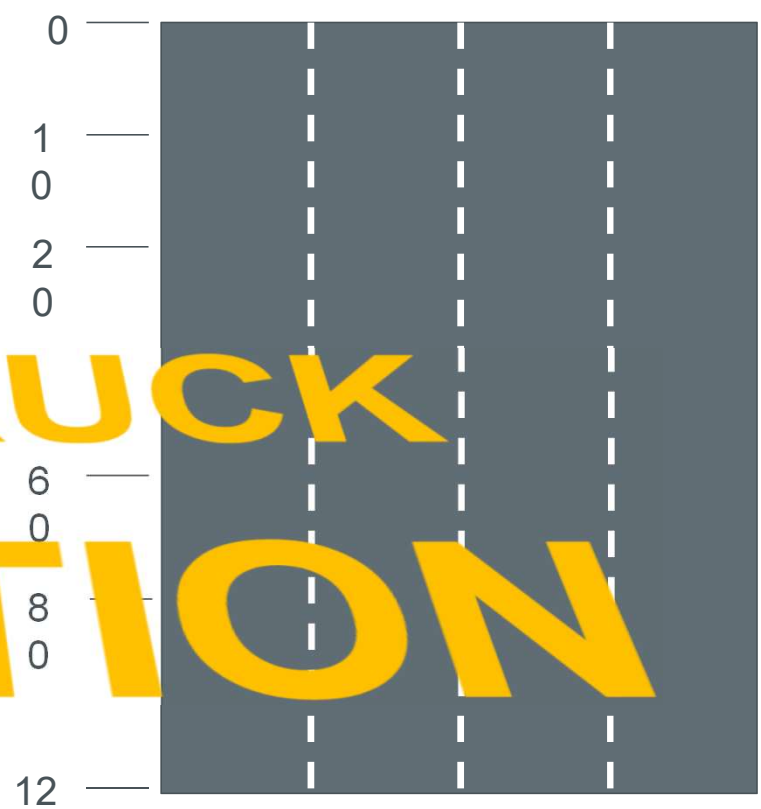
HIGHSPEED VEHICLE BUFFER

IDENTIFICATION	SPEED	POSITION
		
		
		
		
		









VIRTUAL DETECTION AREAS

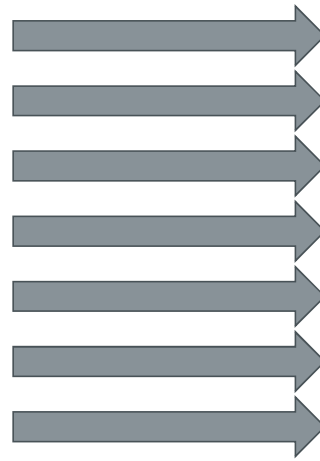


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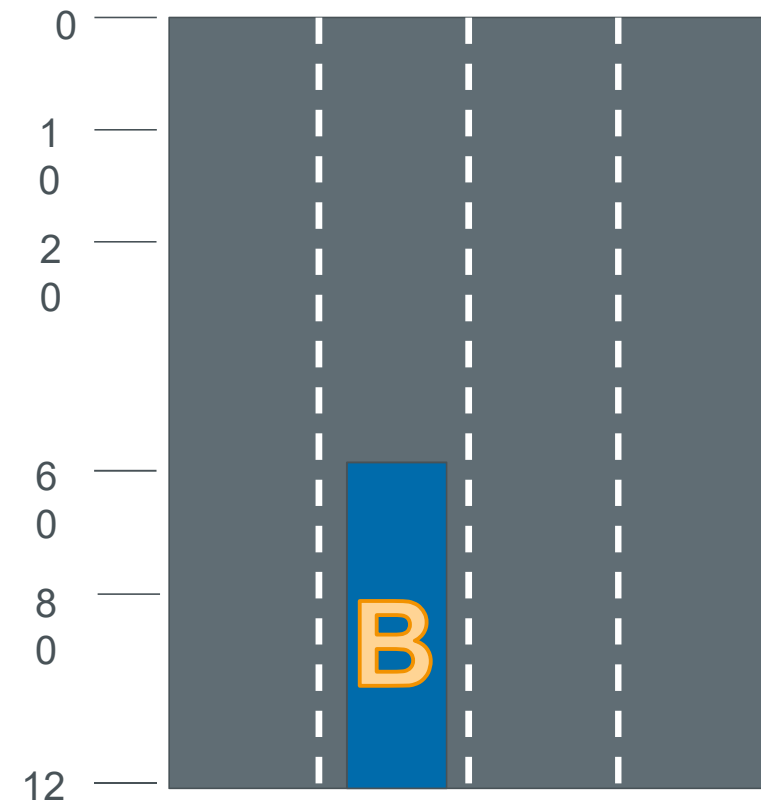
ITLC ITS APPLICATION PT PRIORITY

HIGHSPEED VEHICLE BUFFER

IDENTIFICATION	SPEED	POSITION
		
		
	SRM SSM	
		
		
		



VIRTUAL DETECTION AREAS








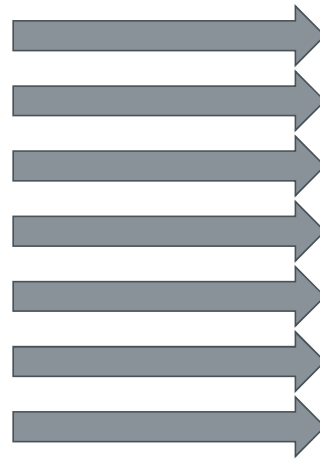
IDENTIFICATION	SPEED	POSITION
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**PUBLIC
TRANSPORT
PRIORITY**

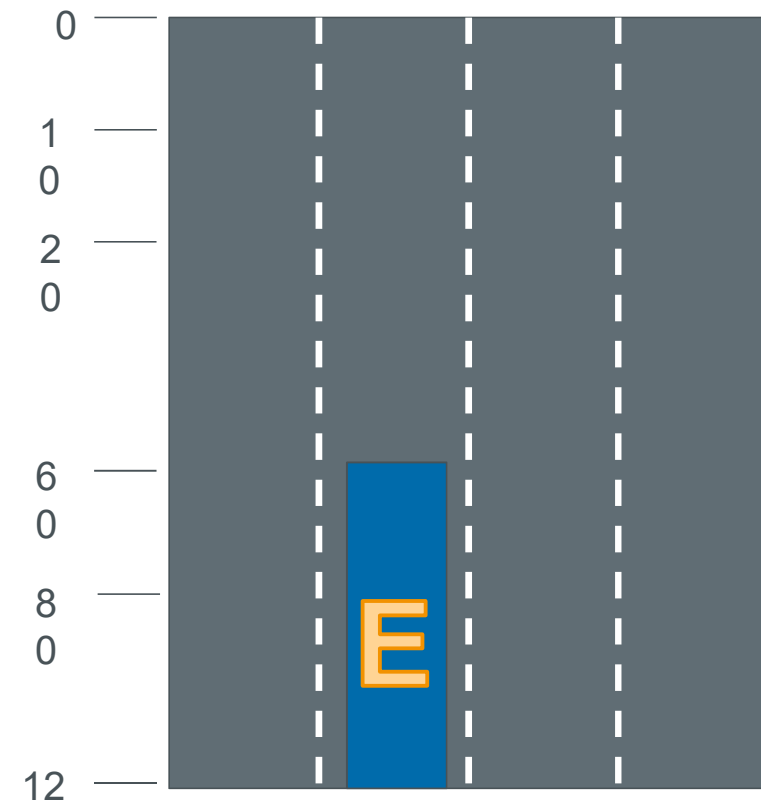
ITLC ITS APPLICATION EMERGENCY VEHICLE PRIORITY

HIGHSPEED VEHICLE BUFFER

IDENTIFICATION	SPEED	POSITION
		
	SRM	
	SSM	
		
		
		



VIRTUAL DETECTION AREAS



EMERGENCY PRIORITY

EMERGENCY PRIORITY

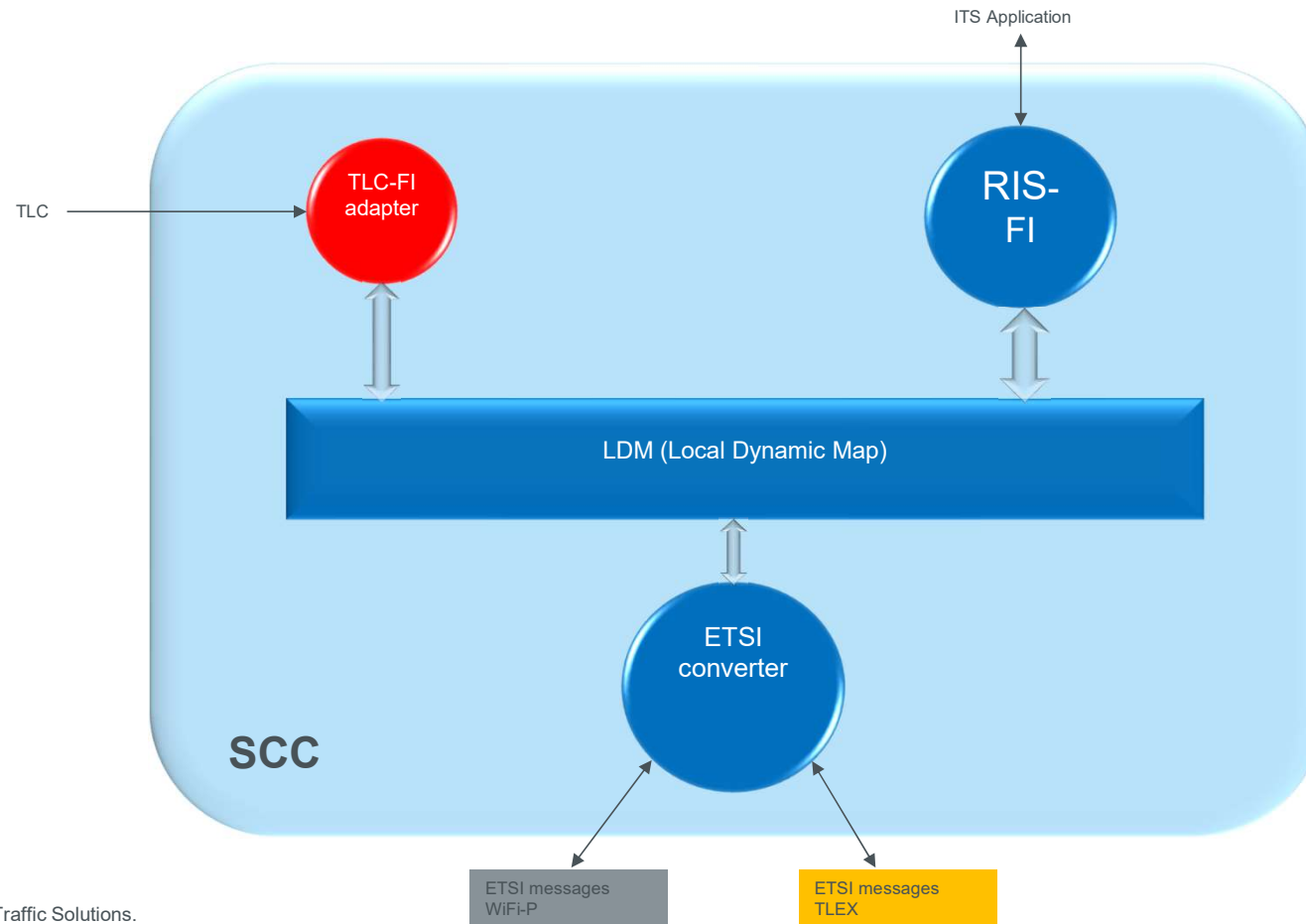
EMERGENCY PRIORITY



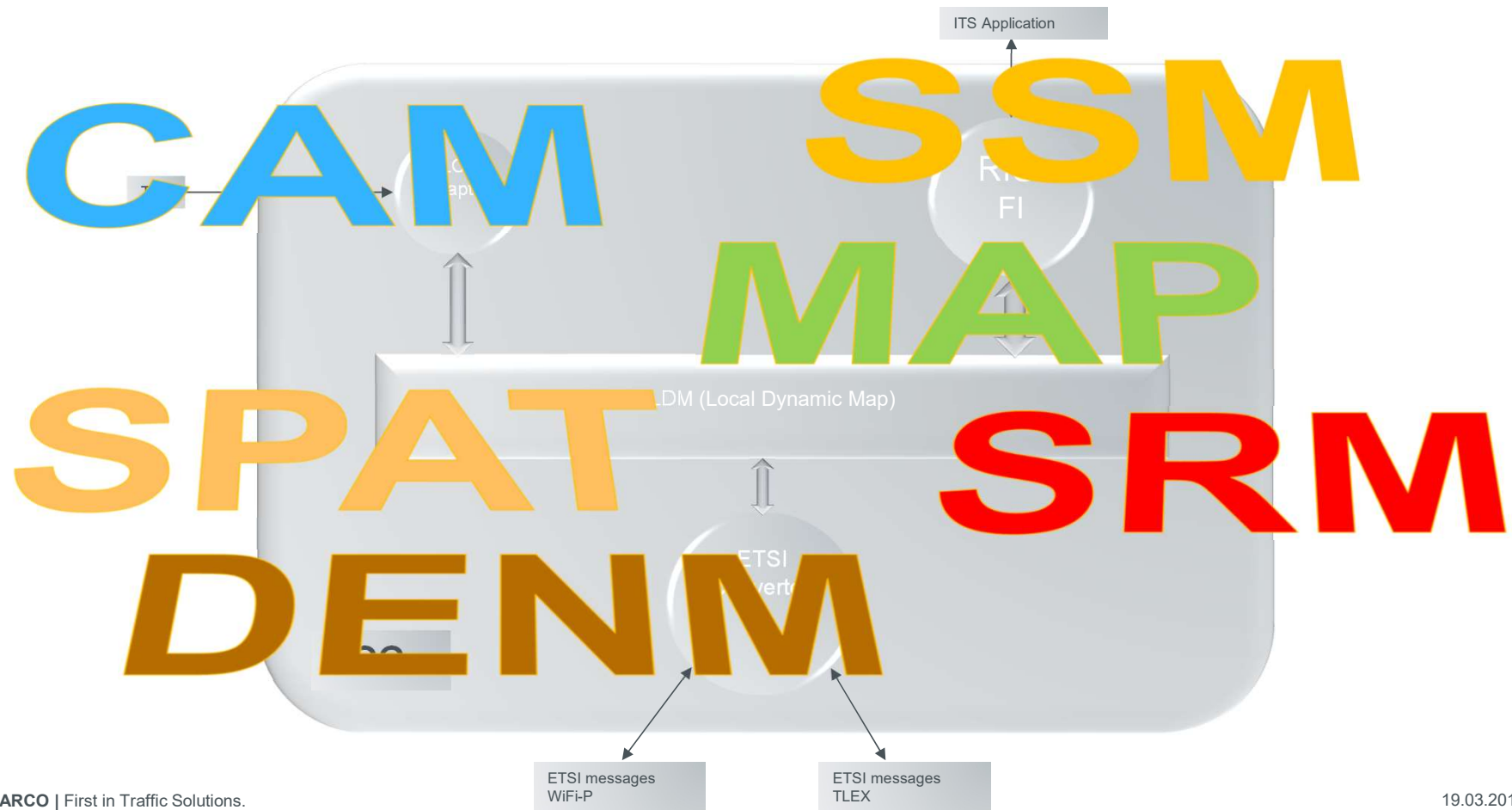
ITLC RIS ROADSIDE INFORMATION SYSTEM



ITLC RIS ROADSIDE INFORMATION SYSTEM



ITLC RIS ROADSIDE INFORMATION SYSTEM



ITLC RIS ROADSIDE INFORMATION SYSTEM



ITLC RIS LOCAL DYNAMIC MAP



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ITLC RIS LOCAL DYNAMIC MAP



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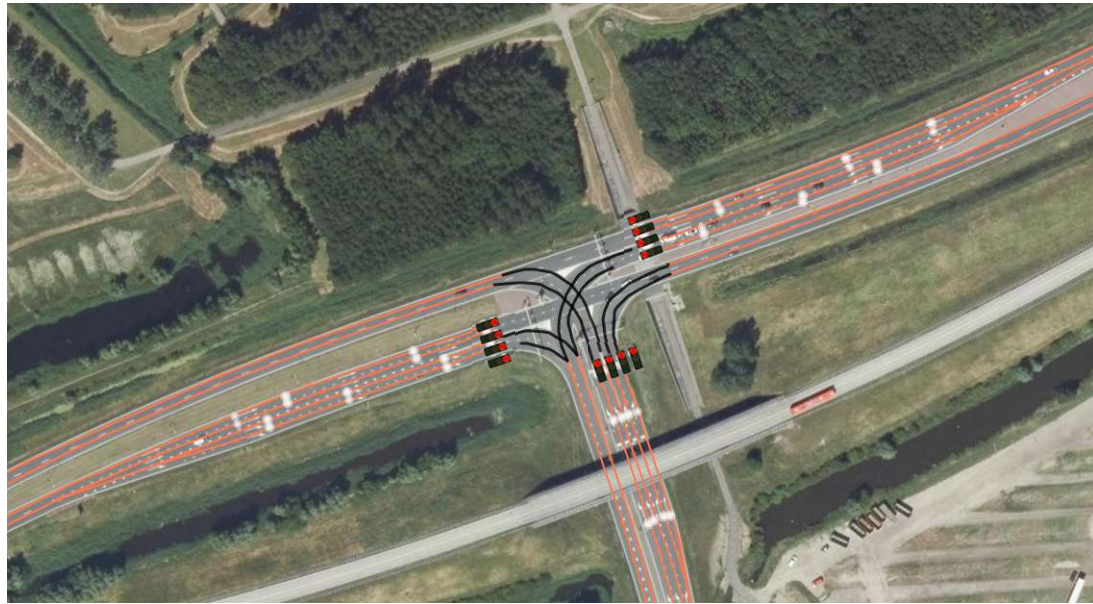
ITLC RIS LOCAL DYNAMIC MAP

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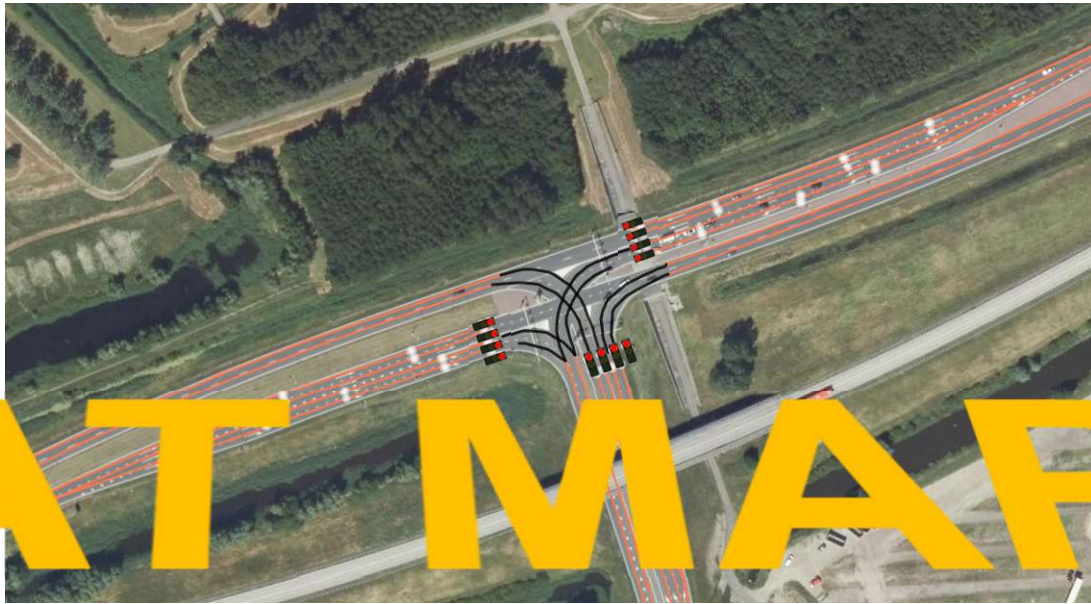
ITLC RIS LOCAL DYNAMIC MAP



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ITLC RIS LOCAL DYNAMIC MAP

SPAT MAP



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ITLC RIS LOCAL DYNAMIC MAP

SRM



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SSM

ITLC RIS LOCAL DYNAMIC MAP

SRMSSM



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ITLC RIS LOCAL DYNAMIC MAP

SRM



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SSM

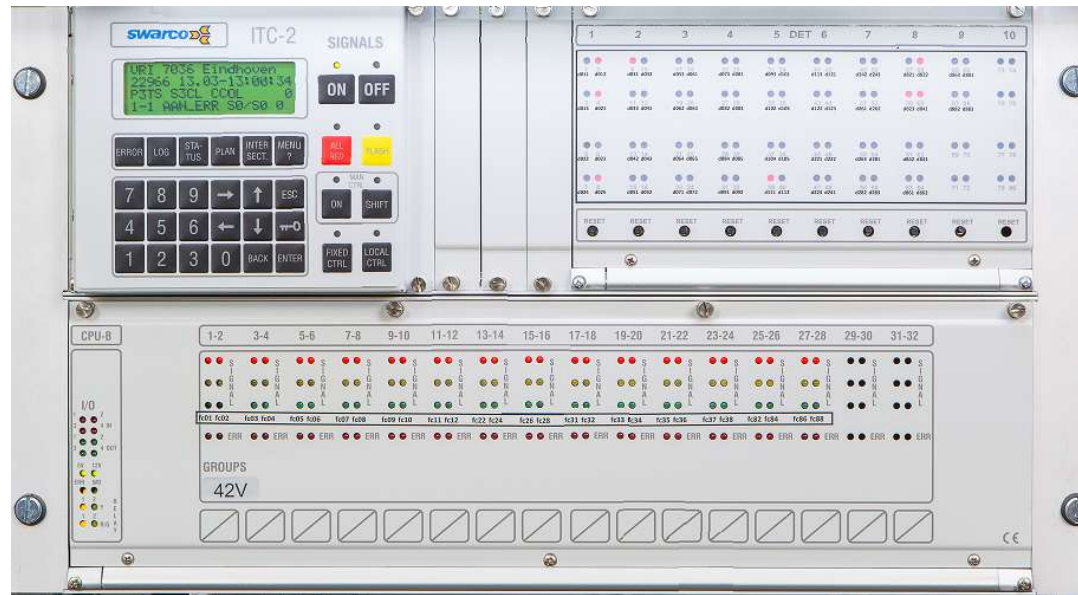
ITLC RIS LOCAL DYNAMIC MAP

SRM SSM

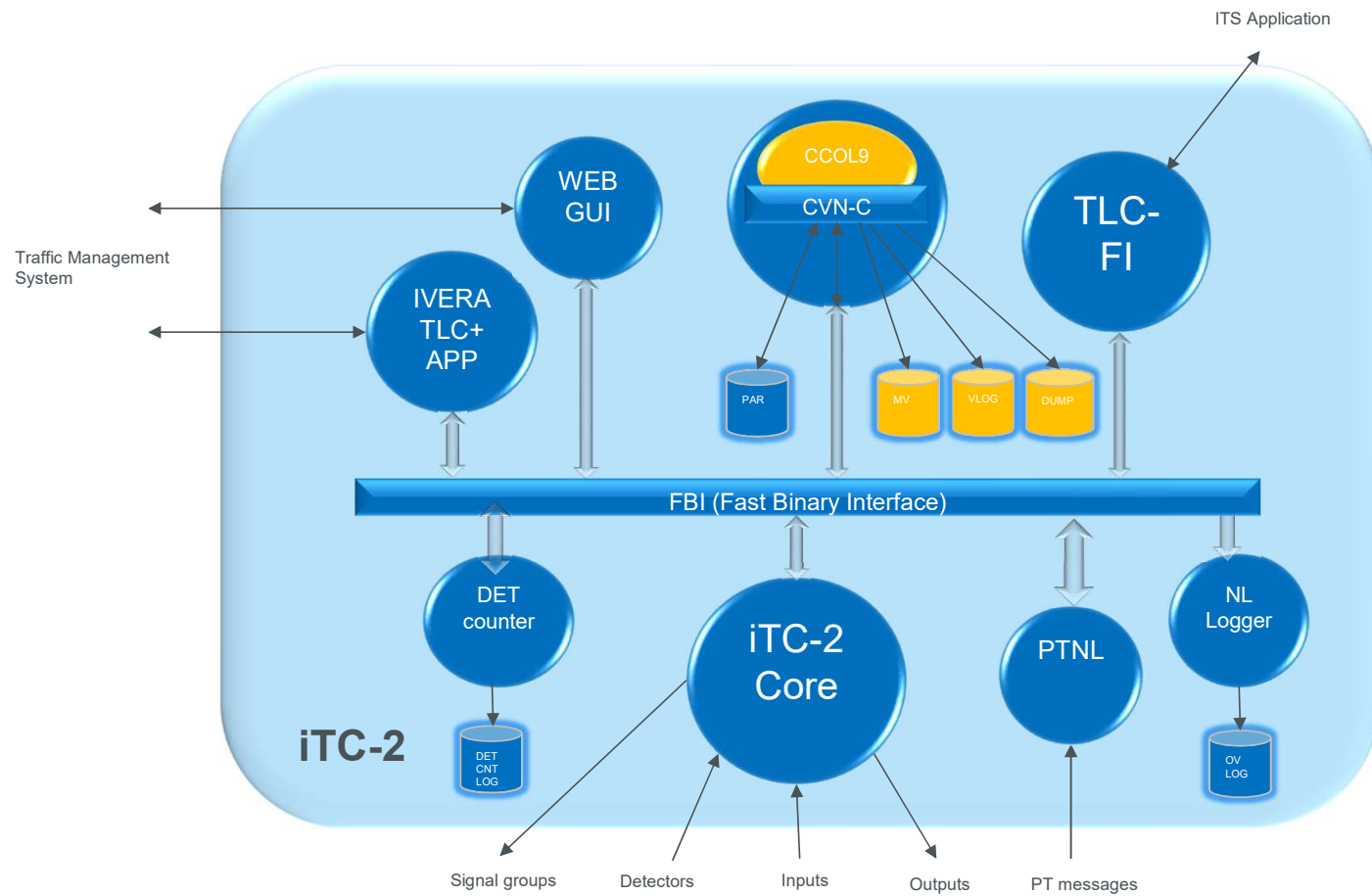


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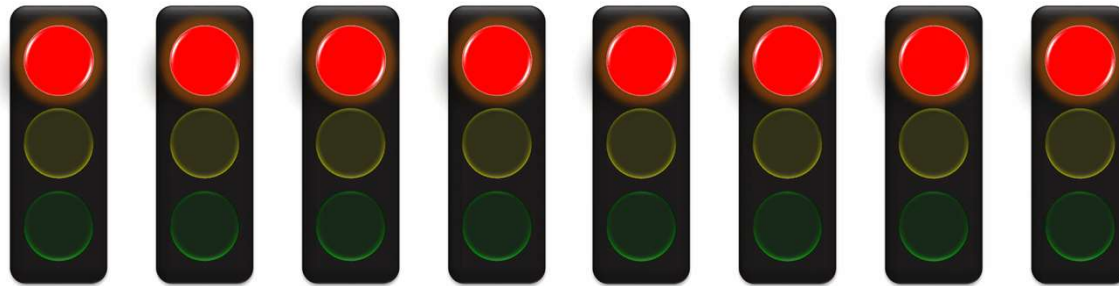
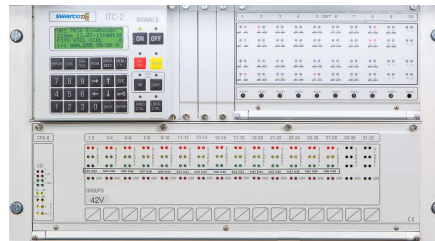
ITLC TLC TRAFFIC LIGHT CONTROLLER



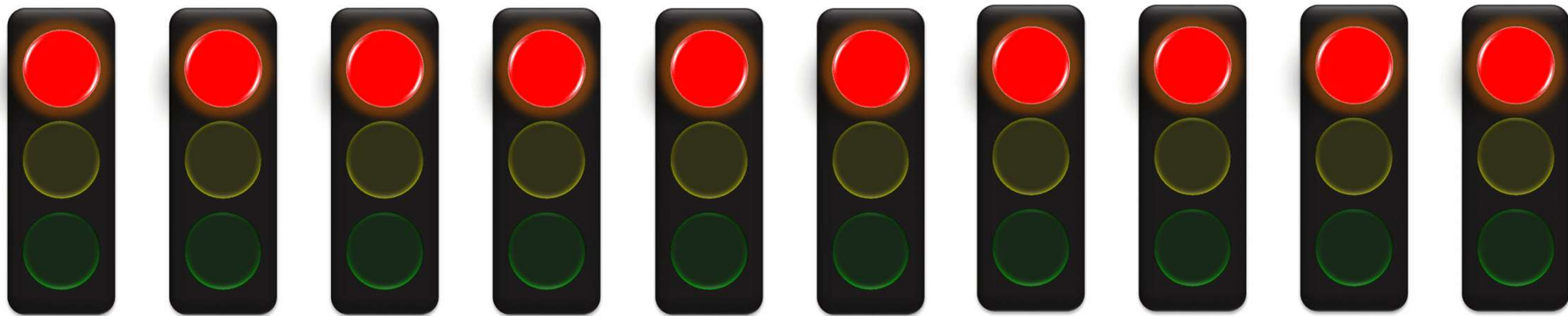
ITLC TRAFFIC LIGHT CONTROLLER



IVRI TLC TRAFFIC LIGHT CONTROLLER



ITLC TRAFFIC LIGHT CONTROLLER



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