

input

The checkpoint crossing  
vehicle sensors  
Module

The checkpoint crossing raw data

The real-time  
checkpoint crossing  
raw data set

The checkpoint crossing  
raw data

The one year record  
of checkpoint  
crossing data set

Criminal Report  
Module

The criminal vehicle  
data

The blacklist of  
criminal vehicle  
data set

The criminal activity  
data

The criminal  
activity  
data set

The real time checkpoint crossing data

The one year checkpoint  
crossing data

Matching Score  
Module

High Matching Score

Middle Matching Score

Criminal vehicle  
crossing the  
checkpoint  
data set

Target vehicle  
Data Set

The target vehicle  
data

Vehicle association with  
criminal activity score  
Module

The criminal activity data

High Association Ratio

Suspect vehicle  
crossing the  
checkpoint  
Data Set

process

output

The criminal vehicle  
crossing the checkpoint data

Alert Module

The suspect vehicles crossing  
the checkpoint data

