







will be repeated after the completion of signal threshold. In case of rescue alert (from the sonic sensor), DM agent will store the current state of signals into the Knowledge Base, close the opened traffic signal and open the signal from where the emergency vehicle is approaching. When rescue vehicle will be passed, the previous state of the signals and opening sequence will be retrieved from the KB. After restoring the previous sequence, information about the rescue vehicle will be communicated to the next signal for its safe and immediate passage.

## 5. Conclusion

An autonomous traffic control solution for urban traffic has been proposed that controls the traffic on traffic signals with minimum human involvement. Furthermore, it will be featured by the special treatment for the rescue and emergency vehicles. The benefits of proposed system include less human effort, dynamic decisions, maximum traffic flow and less fuel consumption.

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