EXTRACT FROM THE EVALUATION REPORT
DRIVING SIMULATION TECHNOLOGY
TAG SYSTEMS COMPANY

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Executive Summary

The Licensing Agency of the Dubai Roads and Transport Authority, United Arab Emirates, undertook an evaluation of driving simulator technology provided by the company Tag Systems Australia.
This document contains extracts from the result of the evaluation.

For the evaluation, two driving simulators from the Tag Systems company were chosen. What makes the Tag Systems simulators unique is that they use real vehicles on their simulators. The company was chosen mainly because it represented the greatest opportunity to produce the most realistic driving experience.

The evaluation found the Tag Systems simulators to be advanced, highly developed simulators that are considered world class performers.

The simulators provide high quality road network images and realistic simulated movement of the vehicle across the road network. The ability to generate an endless number of road networks, including replicating those of a driver's local area, and varying driving and environmental conditions make the simulators an excellent training tool.

There were no issues, system failures or unexplained events with the performance of either simulator over the full evaluation period. The technology was stable, predictable and reliable and performed faultlessly.

Of particular interest with these simulators is the ability to provide a fully computer managed training and assessment feature, including automated reporting on the driver's driving manner and road rule application.

Enjoying the driving experience – Approximately 90% of drivers claimed that they enjoyed the experience of driving a vehicle on the simulated road network after their first drive.
Interestingly, the enjoyment level increased to 95% of drivers who said they enjoyed the drive after the second drive. There was no regression where anyone disliked the driving experience the more they drove on the simulator.

Realistic driving experience – Approximately 85% of drivers rated the <u>overall driving experience</u> was either "quite realistic" to "very realistic", which stayed constant between the 1st and 2nd drives.

Conclusion

The Tag Systems simulators are advanced, highly developed simulators that are considered world class performers. The simulators, including the use of real vehicles, provide a quite real driving experience that traditional driving simulators cannot match.

The use of simulators provides the opportunity to deliver high quality, highly standardised training and assessment as well as providing the opportunity to fast-track student training, improve training quality and consistency.

The use of this technology is expected to quickly increase the quality of novice driver training.

The simulators are capable of providing driver training and assessment support across the full range of driver types that a Licensing Agency may be interested in.

Overall the project team considered the simulators to be highly suitable to support existing driver training / assessment.

Further information on TAG Systems Simulators is available at

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