

Question on Notice

No. 231

Asked on 7 March 2024

MR S ANDREW ASKED MINISTER FOR TRANSPORT AND MAIN ROADS AND MINISTER FOR DIGITAL SERVICES (HON B MELLISH)—

QUESTION:

With reference to TMR's use of mobile phone and seatbelt camera technology, which penetrate the front interior of people's car, whether it is raining or at night—

Will the Minister (a) confirm that all the devices used for this program have been fully certified as compliant with the relevant ISO and IEC safety standards and (b) table copies of these ISO and IEC safety standard certifications at the next sitting of Parliament to reassure the public that their use is safe and that compliance certifications are up to date?

ANSWER:

I thank the Member for Mirani for the question.

- (a) I can confirm the Mobile Phone and Seatbelt Technology cameras used by Acusensus, the Queensland Government's vendor, comply with relevant standards and are safe for use. The enforcement camera technology utilised by Acusensus went through rigorous testing by the Department of Transport and Main Roads against specified contract requirements. The contract requirements included meeting relevant national and international standards. This assessment was completed as part of the tender process conducted during 2021.

Detailed specifications were issued by my department for the cameras, which included the requirements to meet various International Organisation for Standardisation (ISO) and International Electrotechnical Commission (IEC) standards. The cameras were evaluated during the procurement process and meet the following standards.

- I. Dates and time used for enforcement meets ISO 8601 format. ISO 8601 is an international standard covering the worldwide exchange and communication of date and time-related data.
- II. ICT servers, networks, systems and applications that form part of the solution meet ISO/IEC 27001:2013. ISO/IEC 27001:2013 specifies the requirements for establishing, implementing, maintaining, and continually improving an information security management system within the context of the organisation.
- III. There is separation of development, test and operational facilities in accordance with ISO/IEC 27001:2013 clause 12.1.4.
- IV. Information and communication technology servers, networks, systems and applications that form part of the solution are certified against ISO/IEC 27001:2013.
- V. Network security is in accordance with ISO/IEC 27001:2013 clause 13.1.1.
- VI. Customer data is encrypted in accordance with the requirements of ISO/IEC 27001:2013 clause 13.2.1.

- VII. Detection, prevention and recovery controls are in place to protect against malicious code in accordance with ISC/IEC 27001:2013 clause 12.2.1.
- VIII. Secure disposal of media is in accordance with ISO/IEC 27001:2013 clause 8.3.2.
- IX. Personnel background checks as undertaken as defined in Annex A.7.1 of ISO 27001:2013.
- X. The supplier has a security incident response plan that aligns to ISO 27035 or National Institute of Standards and Technology best practice. ISO/IEC 27035 presents basic concepts, principles, and processes with key activities of information security incident management.
- XI. All times used are in local time formatted as per ISO8601.
- XII. The solution maintains a permanent audit trail for all logins, transactions and configuration changes in accordance with ISO 27002; 12.4. ISO/IEC 27002 provides guidelines for organisational information security standards and information security management practices.
- XIII. The Infrared (IR) Flash/Illuminator used in Acusensus' devices is tested to the IEC 62471-6:2006 standard, which gives guidance for evaluating the photobiological safety of lamps and lamp systems including luminaires.
- XIV. The radar used in Acusensus' devices is tested to EN 62311:2008, which provides standards for assessment of electronic and electrical equipment related to human exposure restrictions for electromagnetic fields.

As the mobile phone and seatbelt cameras do not undertake any speed enforcement there are no requirements for any type of annual calibration certificate that is required for speed enforcement.

- (b) As the camera provider is a camera system integrator and not a manufacturer of the components of the camera, they do not hold the ISO/IEC certificates as these are held by the respective component manufacturers.

I am sure the Member would also know that prior to issuing any infringement notices, the Queensland Revenue Office adjudication staff review every potential offence detected by the camera.