CyberPeace and Autobot Infosec Guidelines for

SAFE USE OF TESLA'S AUTONOMOUS CAPABILITIES AND APPLE'S AR/VR HEADSETS
Apple's Vision Pro mixed reality headset, which features both virtual (VR) and augmented reality (AR) features, has been caught using by a couple of Tesla owners while driving. A recent incident was reported where a man was caught on camera driving a Tesla Cybertruck while seemingly wearing a VR headset. The driver, who is not focusing on the task at hand, is seen wearing the headset and lifting his arms in the air as they navigate through various games, worlds, or spaces. One user posted the video on X(Twitter), stating that he saw the goggles pulled over on the side of the road in his neighbourhood. He initially thought they were flying an FPV drone but later realised they were actually wearing VR goggles. The incident highlights the importance of focusing on one's task while driving and the potential dangers of multitasking while driving.
Discussing further about the Apple Vision Pro, it is an AR and VR headset of the Apple company that has been in development for more than a decade. The following device has been the company's first entry into a significant new product type developed by Apple Inc., which was announced on June 5, 2023, at Apple's Worldwide Developers Conference and became available for purchase in 2024. According to Apple, it is a spatial computer due to its capability to integrate digital range with the material world. "Vision Pro" is thus the foremost spatial computing gizmo, according to Apple. The headset is not see-through, and everything you glimpse is digital. For AR content that does not make your surroundings disappear, Apple utilises cameras that map out what exists in a facade of you, deciphering that into a digital picture boosted by virtual components. Furthermore, Apple shuts off cameras for a VR experience, which can make it look like you are ultimately sequestered about what is going on around you, letting you concentrate exclusively on what is being depicted on the headset screens. Vision Pro will, therefore, correspondingly show existing photos and videos on an extensive scale, making them more appealing. The pros of Apple VR include the design, display, better performance, latest technology, and software, and the cons include heating and cost issues, the need for a lot of testing and the negative impact on kids.

CyberPeace and Autobot Infosec are issuing guidelines for Tesla and Apple Inc., promoting safe and ethical technology use. The goal is to ensure responsible and safe use of these technologies, promoting ethical practices among industries and users.
Guidelines for Tesla

🚗 **Clarify Autonomous Capabilities:** Highlight limitations of Tesla's Autopilot and Full Self-Driving features.

🚗 **Implement or enhance In-Vehicle Monitoring Systems:** Ensure drivers remain attentive during autonomous mode.

 carro  **Educate Users:** Provide clear instructions and educational materials about safe operation in autonomous mode.

🚗 **Develop and enforce Policy on Distractions:** Develop and enforce strict policy against distracting activities.

🚗 **Collaborate on Safety Features:** Develop features that detect when a user is in a moving vehicle and restrict certain headset functionalities.

🚗 **Promote Responsible Use:** Launch campaigns to educate users about potential risks and responsible use of AR/VR technology.
Guidelines for Apple’s Vision Pro

- Prioritise user education on potential risks of prolonged use.
- Foster a culture of responsible engagement with technology to prevent social isolation and addiction.
- Prioritise user privacy and data security through transparent data collection practices, robust encryption protocols, and user-friendly privacy controls.
- Emphasise safety precautions such as maintaining awareness, regular breaks, and avoiding hazardous activities while using the headset.

Autonomous Vehicle and AR/VR Usage; Guidelines for Users

- Users must understand AV technology’s capabilities and limitations for informed decisions.
- Attention and preparedness are crucial in autonomous mode.
- Local laws and regulations regarding electronic devices and autonomous vehicle operation are essential.
- Safety should be the top priority, especially while driving.
- Distraction can increase accident risks.
- Users should avoid using AR/VR headsets while driving or use them only in safe, stationary conditions.
- Using the gadget in low-light situations may increase the hazard of collision with objects in your environment.
- People need to be more vigilant in using the device, as this could lead to mishaps.
- Avoid using the device while you are walking in the public or travelling.
- Using it for hours could have a severe impact on your eyes, physical well-being, and sleep patterns and could be apprehensive.
- People with severe medical conditions and pregnant women should consider consulting a medical provider before using the device.
- Cyberbullying could become more evident using VR as it can make it easier for individuals to bully and strong-arm others. Through VR, one can create lifelike avatars of themselves and their targets. Cyberbullies can accordingly make bullying appear more intimate and detrimental.
- Privacy and security concerns are crucial in this device as the data could be used to track the person’s activities, locate their homes, or identify them.
Conclusion

It is crucial for technology companies like Apple and Tesla to emphasise responsible usage of their products and educate users about the risks associated with distracted driving. Ultimately, ensuring road safety requires a collective effort from all stakeholders, including drivers, technology companies, regulators, and the community.
References

https://x.com/blakestonks/status/1753932112757924034


https://twitter.com/humansnocontext/status/1753818377578225796


https://www.macrumors.com/roundup/apple-vision-pro/


https://www.millenniumeyecenter.com/is-apple-vision-pro-safe-for-the-eyes/


https://www.digitalphablet.com/tech/8-dangers-of-apple-vision-pro/
Secretariat: 230/B, Road Number 2, Ashok Nagar, Ranchi, Jharkhand 834002

Global Offices

India: L29 - L34, First Floor, Connaught Place, New Delhi, Delhi, 110001

USA: 611 Gateway BLVD Suite 120, San Francisco, United States, CA - 94080

www.cyberpeace.org | secretariat@cyberpeace.net | +91 953 445 6565