TORC and CSI Collaborate on Autonomous Vehicle Solutions

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TORC Robotics, LLC, a provider of automated robotic solutions, has teamed up with Critical Solutions International (CSI), an international defense firm, to design and develop modular enhancement products to add on to autonomous platforms to increase safety and situational awareness.

TORC developed and installed the new Route Clearance Platform Autonomous Control Kit (RC-PACK™) for CSI's HUSKY MKIII route clearance platform. The RC-PACK™ allows the operator to choose whether to operate the vehicle in manned, tele-operational, or semi-autonomous modes. The RC-PACK™ can be added to any HUSKY vehicle as well as CSI's other route clearance platforms.

The 360 Degree Situational Awareness System provides full visual coverage for augmented operator awareness

TORC pulled useful functionality from the semi-autonomous system to make an additional modular enhancement product with different capabilities, the 360 Degree Situational Awareness System, which is adaptable to any platform; this camera system provides full visual coverage around the HUSKY cab for augmented awareness. It also has enhanced ability to inspect all areas for ground anomalies and possible IED emplacement. The module provides customers with increased survivability by giving them a way to monitor the outside of the vehicle for tampering. This camera system is installed onto vehicles being used today, assisting with more accurate inspections and increased safety for operators.

Working with CSI, TORC was able to develop the best solutions to meet their needs, while keeping safety as the top priority. CSI offers these enhancements on any of the platforms they provide.

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