

Silicon Forest Electronics Making a Positive Impact – On The Ground!

More and more emphasis has been placed on the use of RCV (Robotic Combat Vehicles) and Silicon Forest Electronics is playing a key role in the supply chain of this Defense effort. The purpose of RCV's is to focus modern warfare in three areas - increased localized fire intensity, breaching enemy positions, and enabling reconnaissance in dangerous areas; such as, minefields, radioactive sites and chemical sites. The essence of RCV is to reduce the risk of direct engagement to the active soldier.

The use of RCV's reduces battlefield injury, speed our response in multi-domain situations, and rapidly deploy materials to critical areas. The U.S. Army intends to award an appropriated OMFV-RCV (Optionally Manned Fighting Vehicle – Robotic Combat Vehicle) contract for the RCV-Light, Medium and Heavy in 2020 for deployment in 2021. To date, the Army has awarded the RCV-L and RCV-M.

Silicon Forest Electronics is involved with a variety of customers in support of the RCV efforts for both RCV-L and RCV-M programs. Most notably, we provide electronic assemblies for autonomous control, as well as sensors for seeing what the human eye cannot see, all while reducing the chance of unwanted injuries. These circuits are not only complex but require the highest level of quality and ruggedization, as the systems need to survive very rough conditions; and, most importantly, they need to work when called upon. Silicon Forest Electronics has invested extensively in the development of manufacturing processes that meet the needs for ruggedized, robust electronic systems.



Contributed by:
Pierre LaVignette
Senior Sales Engineer
pierre.lavignette@si-forest.com