

RUGGED WATER TIGHT COMPUTERS



High performance, rugged mobile computer system.



*Touch Screen LCD
Water Tight and DC powered*

“We know that the feature set of our rugged computer was appropriate for DoD and first responder application. However, without the help of the FirstLink office we would never have been able to get it in front of the right people.”

*Amy Ciesielka
Aplus Mobile, Inc.*

Providing a rugged, washable mobile computer system to the Navy’s SPAWAR Joint Robotics lending pool was the result of a Cooperative Research and Development Agreement (CRADA) established with Aplus Mobile, Inc. FirstLink facilitated this CRADA by provided the necessary DoD contacts to Aplus Mobile, Inc., and worked with both parties to move the agreement to completion.

The A20-MC is an ultra-rugged, sealed computer being incorporated into the next generation robotic platforms being developed by SPAWAR for all branches of the Military. Vehicle mounted or field deployable, this DC power-based, wireless connectivity can be used interchangeably with hardened laptops, embedded control computers and vehicle-based computer systems. It also includes a thermal patent cooling system that removes the need for a fan and eliminates outside contaminants from entering and damaging the computer system.

Lending a wide variety of robot types to the country’s first responders for test and evaluation aids the Navy in collecting valuable feedback on the devices’ performance and how they may be applied to potential military applications that share common challenges. The experiences help to promote product design advances, and can spur the adoption of new technology among both military and civilian first responders. This helps to create a safer environment for all, and especially for our nation’s professional responders, whom must perform in the face potentially hazardous conditions.

Aplus Mobile, Inc. of Oregon is an original equipment manufacturer that designs, develops and manufacturers 12 to 24 volt DC-powered, hardened personal computers that operate like a desktop PC or laptop but are more reliable in harsh environments.

The SPAWAR Joint Robotics Pool lends robotic platforms to Federal and local first responder agencies. The program places heavy emphasis on user and developer interaction to ensure requirements are accurately identified and developer efforts are aligned to satisfy those needs.

FirstLink is the Department of Defense’s National Center of Excellence for First Responder Technologies, supporting first responder needs through the development of commercial pathways between Department of Defense Science & Technology, private industry and universities.

www.dodfirstlink.com
info@dodfirstlink.com
telephone: (888) 802-0380

