

WEARABLE REMOTE VIDEO TERMINAL

TEXTTRON Systems



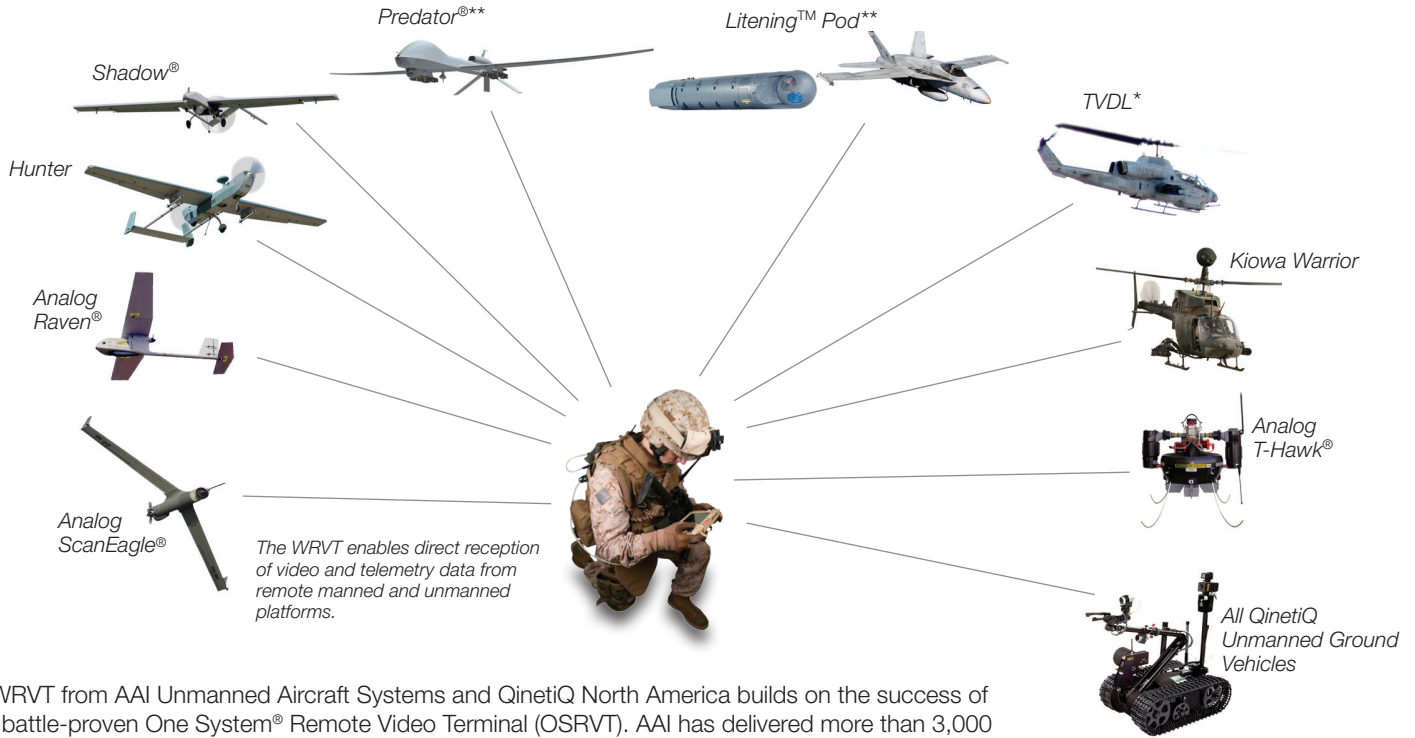
Delivering real-time situational awareness to the tactical edge

AAI Unmanned Aircraft Systems and QinetiQ North America have teamed to create the mature, rapidly deployable Wearable Remote Video Terminal (WRVT). Small and light enough to be carried easily, the WRVT delivers live video and telemetry to dismounted troops, creating a valuable layer of situational awareness as they move forward into new locations.

QinetiQ
North America



A LIGHTWEIGHT LINK TO THE BATTLEFIELD NETWORK



The WRVT from AAI Unmanned Aircraft Systems and QinetiQ North America builds on the success of AAI's battle-proven One System[®] Remote Video Terminal (OSRVT). AAI has delivered more than 3,000 OSRVT systems, and they are fielded currently in both Iraq and Afghanistan. The OSRVT displays real-time video and telemetry directly from a remote platform and correlated to icons on a FalconView[™] map. Users can store and retrieve both video and images for dissemination to other battlefield intelligence assets.

This architecture is coupled with QinetiQ North America's Tactical Robotic Controller (TRC), which is a military-specification compliant wearable computer and hand controller system for dismounted forces. The TRC is designed to control unmanned aircraft systems (UAS) and ground vehicles, as well as unattended ground sensors.

The WRVT is an integrated lightweight and wearable system that enables dismounted elements to directly receive video and telemetry data from a variety of manned and unmanned platforms, from AAI's Shadow[®] Tactical Unmanned Aircraft System to the OH-58D Kiowa Warrior helicopter.

* Video only
** Telemetry available depending on platform configuration

Additional features and benefits include:

- Current capabilities include C-, L- and S-band reception
- Evaluating C, L, S and Ku transceiver functions
- Possible bi-directional, tactical UAS Level 3 payload control, pending customer requirements
- Weighs less than 15 pounds
- Hand controller easily fits into a drop holster on the warfighter's leg



The WRVT provides real-time situational awareness with a small, lightweight form factor.



The WRVT quickly attaches to body armor or an assault pack.

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