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New level of Intelligence & Safety for the First Responders and Law Enforcement squads

ARNEGA Line of Situation awareness field systems got new dimensions with smart high payload drones with autonomous takeoff and landing on moving vehicle and machine vision system.

Dubai, October, 14 Tradition Group, solution provider for search and rescue applications with 25 years of experience, proudly presents its smart brand new ARNEGA line of modular mobile platforms for situation awareness & dislocation management.

The platform consists of the 4x4 off-road vehicle with drone compartment for automated takeoff and landing, high payload hex/octo-copter operating in 24x7 tethered or free flight modes, 5KVA power subsystem driving drone in the cable mode, ground station with broadband video streaming and conferencing unit.

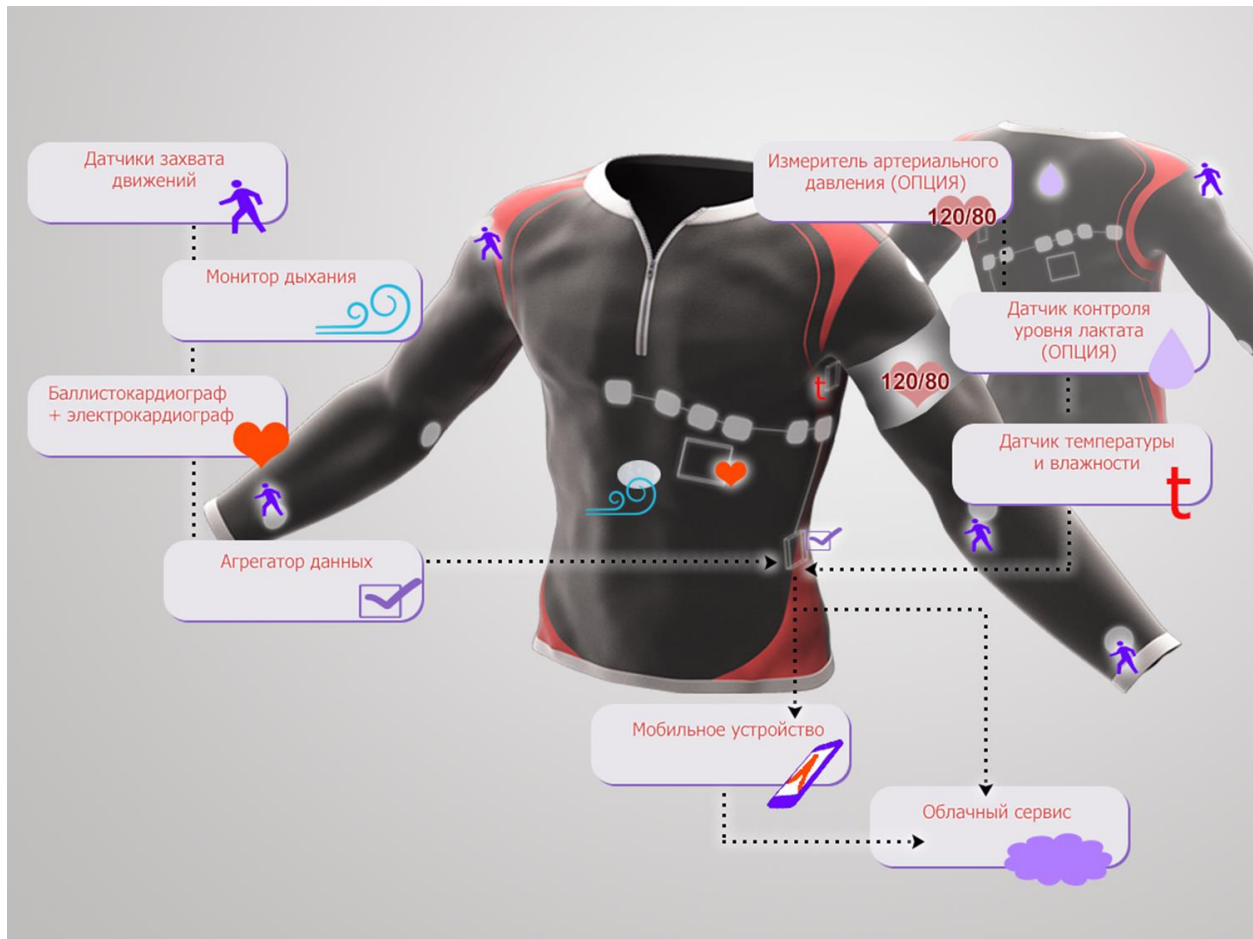


The drone is equipped with dome survey and gimbal (30x Optical Zoom) cameras feeding DNN Image processing to enable humans and animals recognition in search and rescue modes or road traffic

and environment monitoring for safety and law enforcement operations.

The ground station can manage up to four A/V streams from in-field rescues and paramedics, mast and drone cameras. The staff geolocations and vitals are visualized in real time via LPWAN telemetry subsystem to deliver top level of operations safety.

Another enabling technology is presented as Body Sensor Network project delivering smart wearable multisensor platform to monitor human vital signs and manage healthcare.



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If you would like more information about this topic, please call or email me, your truly Anton Panfilov.