



communications

Geneva Aerospace

Fact Sheet

Company: At L-3 Geneva Aerospace®, unmanned aerial vehicles (UAVs) reach a new level of control and functionality bringing the UAV industry to new standards with completed command, control and communication (C³) solutions. Geneva helps its military and commercial customers achieve unprecedented precision and control of UAVs by seamlessly integrating C³ into their customers' airframes and payloads. The company creates these results while also lowering both integration and training costs. Founded in 1997, Geneva now employs 50.

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Leadership: Geneva's management team includes executives with extensive experience in engineering, management, operations, marketing and finance:

Executive	Title
David A. Felio	President
David Duggan	Vice President of Business Development
Jerry Petersen	Vice President of Engineering
Sean Fitzgerald	Vice President of Operations
Judy Heike	Controller

Clients: Geneva Aerospace's list of clients includes leading government agencies and commercial businesses. A partial list of clients includes:

Air Force Research Laboratory (AFRL)	Naval Air Systems Command (NAVAIR)
Defense Advanced Research Projects Agency (DARPA)	U.S. Army
Lockheed Martin	Vought Aircraft Industries, Inc.

flightTEK[®]: The “control central” of Geneva’s tightly integrated flight control solution. The *flightTEK* flight control system transforms unmanned aerial vehicles into powerful, “smart” machines. *flightTEK* can autonomously fly and control UAVs of varying sizes and capabilities, ranging from 30-pound-class mini air vehicles to 600-pound-class loitering munitions to a 160-foot airship to seaplanes and more. *flightTEK* includes Geneva’s Variable Autonomy Control System (VACS[™]) architecture, which serves as a true mission management system.

linkTEK[™]: *linkTEK* is Geneva’s communication solution that blends both line-of-sight (LOS) and beyond-line-of-sight (BLOS) communications into a single data router that can handle your data telemetry and video telemetry needs.

linkTEK uses standard TCP/IP and UDP/IP communications that enables multivehicle control. Data and video can be configured independently to be sent to specific IP addresses. Data is provided to *linkTEK* via one of four externally available Ethernet ports, all attached to a common Ethernet switch enabling *linkTEK* to be networked multiple devices simultaneously.

missionTEK[™]: *missionTEK* control station makes it easy to manage every detail of the mission. This full-featured software offers an intuitive, easy interface to give a single operator the power to command and control multiple different UAVs, with minimal training. The graphical interface displays vehicle status, situations and videos. It supports real-time route editing, as well as a variety of selection panes to support fully functional dynamic control and management of the UAV and the UAV payload.

Dakota[™] UAV: Geneva’s *Dakota* UAV provides reliable payload delivery at a very affordable price and is fully integrated with our flight control technologies: *flightTEK*, our advanced autopilot, *linkTEK*, our data link computer and *missionTEK*, our control station. The *Dakota* UAV system is a complete integrated autonomous UAV system capable of carrying payloads of up to 50 lbs. and capable of a four and a half hour endurance using current fuel tank configuration.

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