

License Application

Description	Integrated Navigation System	End User	Global Surveillance Systems, INC
Stated End Use	Manufacturing of surveillance unmanned aerial systems	Address	1969 Orion Prospect Industria 4700
Control Number	MTCR 9.A.7 EU 7A103	Country	Kappa

Applicant	High End Electronics, Inc.	Consignee	
Product	NTL 520 INS	Address	
Quantity	5	Country	
Price	\$ 6,000 USD ea. \$30,000 USD Total		

Navigation System

Technical Research/Web Search Results

From the High End Electronics. website:

NTL 520 Integrated Navigation System



- Attitude: Alignment and orientation in any direction
- Integrated GPS
- Angular Rate: +200 deg/sec
- CEP < 35 meters
- MTBF: >25,000 hours
- Standard: 3-axis inertial sensors (internal)
- Standard: 1553A & B/RS-422/RS-232 serial host interface

NTL 520 overview

NTL 520 integrated navigation system, which provides precise continuous position and velocity information to the vehicle crew, is used in commercial sensor platforms, unmanned aerial vehicles, and law enforcement surveillance systems. The NTL 520 makes situational awareness and force tracking affordable for a large class of medium- to heavy-tactical land and air vehicles.

With its integrated satellite navigation, digital communication, and force tracking system, the NTL 520 significantly increases situational awareness for personnel in the field by providing continuous, self-contained, accurate location and pointing information for target location, target acquisition and sensor pointing. Delivering automated positioning, pointing, and navigation, this is the first Integrated Navigation System to be developed specifically for vehicles with stringent space, weight and cost requirements.

End User Research/Web search Results

Global Surveillance Systems, Inc. is an international company engaged in the development, delivery and support of advanced defense and aerospace systems in the air, on land, at sea, and in space. Headquartered in Rockville, GSS, Inc. employs some 45,000 employees in North America, Europe, and Southern Africa generating annual sales in excess of \$10 billion. GSS consists of three operating groups that provide support and service solutions for current and future defense, intelligence, and civilian systems; design, develop and manufacture a wide range of electronic systems and subsystems for

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both military and commercial applications; and design, develop, produce, and provide service support of armored combat vehicles, artillery systems and intelligent munitions.

From a subscription industry trade group publication:

The end user, Global Surveillance Systems, Inc, is a prime subcontractor to the Kappa Ministry of Defense. GSS has more than 100 subordinate facilities. They import, export, and manufacture a variety of military and commercial products. They were recently awarded a \$50M Euro contract to produce surveillance drones for an Eastern European customs and border protection agency.