

# SPARTAN K9

## OPERATIONAL CANINE SYSTEMS

### CAPABILITY DOCUMENT

---

#### I. MISSION STATEMENT

---

Spartan K9 develops operational canine systems engineered to enhance survivability, control, and mission effectiveness in high-risk military and law enforcement environments. Built for the reality of the field, our equipment is designed under a single guiding standard:

**"If I wouldn't put my own dogs in it, I won't ask a handler to put theirs in it."**

#### II. SYSTEM OVERVIEW

---

Spartan K9 systems provide scalable configurations ranging from high-mobility non-ballistic load-bearing platforms to ballistic protection systems with selectable threat levels. Every system is designed as part of a cohesive operational ecosystem, with clear separation between ballistic and non-ballistic platforms.

#### III. CORE SYSTEM ARCHITECTURE

---

All systems are built around a load-bearing torso chassis using the ShearLock Wrap System and Tri-Vector Load Frame for stability and control under dynamic movement.

The Sternal Cradle: By utilizing a unique bottom-over-top wrap, this architecture creates a proprietary Sternal Cradle. This distributes pressure across the chest wall, eliminating harness roll and point-load trauma common in traditional strap-based systems during tracking, dynamic movement, or hoisting.

#### IV. PRIMARY BALLISTIC SYSTEM: ATHENA

---

Athena is Spartan K9's ballistic K9 vest, built around mobility, fit stability, and working-dog movement. Available in NIJ Level II and IIIA armor configurations depending on client selection and mission requirements.

##### Available Protection Levels:

- NIJ Level II Configuration — Optimized for reduced weight and increased mobility
- NIJ Level IIIA Configuration — Engineered for maximum handgun threat protection
- MACS™ modular armor architecture for configuration flexibility

- Compatible with Aspis neck/throat protection option
- Built for mobility, fit stability, and working-dog range of motion

## V. MODULAR ARMOR CORE SYSTEM (MACS™)

---

The Spartan K9 Modular Armor Core System (MACS™) is Spartan K9's proprietary modular armor architecture. MACS™ supports NIJ Level II and Level IIIA configurations for scalable protection depending on mission parameters and client selection.

## VI. CERVICAL PROTECTION SYSTEM: ASPIS

---

Aspis is a NIJ Level IIIA-rated neck and throat protection option for supported Spartan K9 configurations. Aspis adds critical cervical coverage without converting non-ballistic harness platforms into ballistic systems.

### Key Characteristics:

- NIJ Level IIIA-rated armor insert
- Neck and throat coverage option
- Designed to support mobility and working-dog movement
- Configuration-dependent integration — consult Spartan K9 for compatible platforms

## VII. NON-BALLISTIC LOAD-BEARING SYSTEMS

---

The Trident and Hades are non-ballistic platforms. They do not provide ballistic or stab protection and carry no NIJ ballistic rating. They are purpose-built for mobility, load carriage, handler control, and operational deployment.

### Trident — Non-Ballistic Tracking / Patrol Harness

Trident is a non-ballistic tracking and patrol harness built for mobility, fit stability, equipment carriage, and handler control during real working-dog movement.

- 1000D Cordura shell
- Mil-Spec Type 8 webbing
- Metal D-rings rated ~4,000 lb
- ShearLock Wrap System and Sternal Cradle Geometry
- Low-profile dorsal equipment deck

### Hades — Non-Ballistic Tactical Load-Carriage Vest

Hades is a non-ballistic tactical load-carriage vest designed for patrol, equipment carriage, handler control, and supported lift configurations when properly rigged.

- 1000D Cordura shell

- Mil-spec webbing throughout
- Low-profile metal hardware
- Dorsal equipment platform
- Modular mounting — field-ready construction

## **VIII. ADVANCED SURVIVABILITY SYSTEMS (IN DEVELOPMENT)**

---

To complete the operational ecosystem, Spartan K9 is actively developing the Aegis Medical Kit line. These proprietary trauma and medical kits are designed to integrate directly into the Spartan K9 chassis to provide immediate, point-of-injury care capabilities for the K9 operator. This system is currently in development and not yet available for procurement.

## **IX. PERFORMANCE CHARACTERISTICS**

---

- High-Strength Materials: Constructed with Mil-Spec Type 8 webbing and load-rated hardware to eliminate snag hazards
- Load Stabilization: Engineered by the Tri-Vector Load Frame and internal Sternal Cradle
- Environmental Resistance: Internalized, shingled buckles actively deflect environmental debris
- Low-Profile Mobility: Engineered for a slick profile during technical and high-angle insertions

## **X. OPERATIONAL APPLICATIONS**

---

Designed specifically for patrol, detection, tracking, apprehension, and high-risk entry operations.

## **XI. LIFECYCLE & SUSTAINMENT**

---

Spartan K9's modular architecture allows replacement panels and system upgrades without full system replacement, reducing long-term department overhead and simplifying sustainment across operational echelons.

## **XII. PROCUREMENT ADVANTAGE**

---

A unified platform simplifies acquisition, training, and sustainment while enabling rapid deployment across all tactical echelons.

- SAM Registered
- CAGE Code on File
- Federal Acquisition Ready

- Field Evaluation Units Available Upon Request

### **XIII. CONTACT**

---

**Nick Xifaras — General Manager**

Email: [nick@spartank9.com](mailto:nick@spartank9.com)

Phone: 954-540-1324

Web: [spartank9.com](http://spartank9.com)

Signal: Available upon request for secure communications

**Η ΤΑΝ Η ΕΠΙ ΤΑΣ**