

The AI-Enabled Soldier Engine

Revolutionary platform for training, test & evaluation, and distributed intelligence at the edge

[Explore Platform →](#)

[Watch Demo →](#)

AI-Driven Soldier Insight at the Point of Need

CORE CAPABILITIES

H2 · 48px · WEIGHT 700 · LH 1.2

What We Deliver

Complete ecosystem for modern military training and advanced weapons testing

 **Network Focused**
Multi-bearer 5G, satellite, mesh, and hybrid connectivity ensuring seamless soldier-to-soldier communication in any environment.

[Learn more →](#)

 **TED Device**
Soldier-worn edge AI processor with real-time casualty assessment, sensor fusion, and on-device intelligence at millisecond speeds.

[Explore specs →](#)

 **Live Training**
AI-driven direct fire, indirect fire in complex terrain, automated after-action reviews, and comprehensive soldier monitoring.

[View scenarios →](#)

 **T&E Solutions**
Complete developmental and operational test infrastructure with AI analytics, instrumentation, and anomaly detection.

[See capabilities →](#)

 **AI Ecosystem**
Distributed intelligence spanning soldier, network, and command levels with unified mission-focused operations.

[Explore AI →](#)

 **Design System**
Professional UI/UX, typography, brand guidelines, and accessible component library for seamless integration.

[View system →](#)

WHY CHOOSE ATHENA-TEK

H2 · 48px · WEIGHT 700 · LH 1.2

Enterprise-Grade Features

Built for military-scale operations with proven reliability and performance

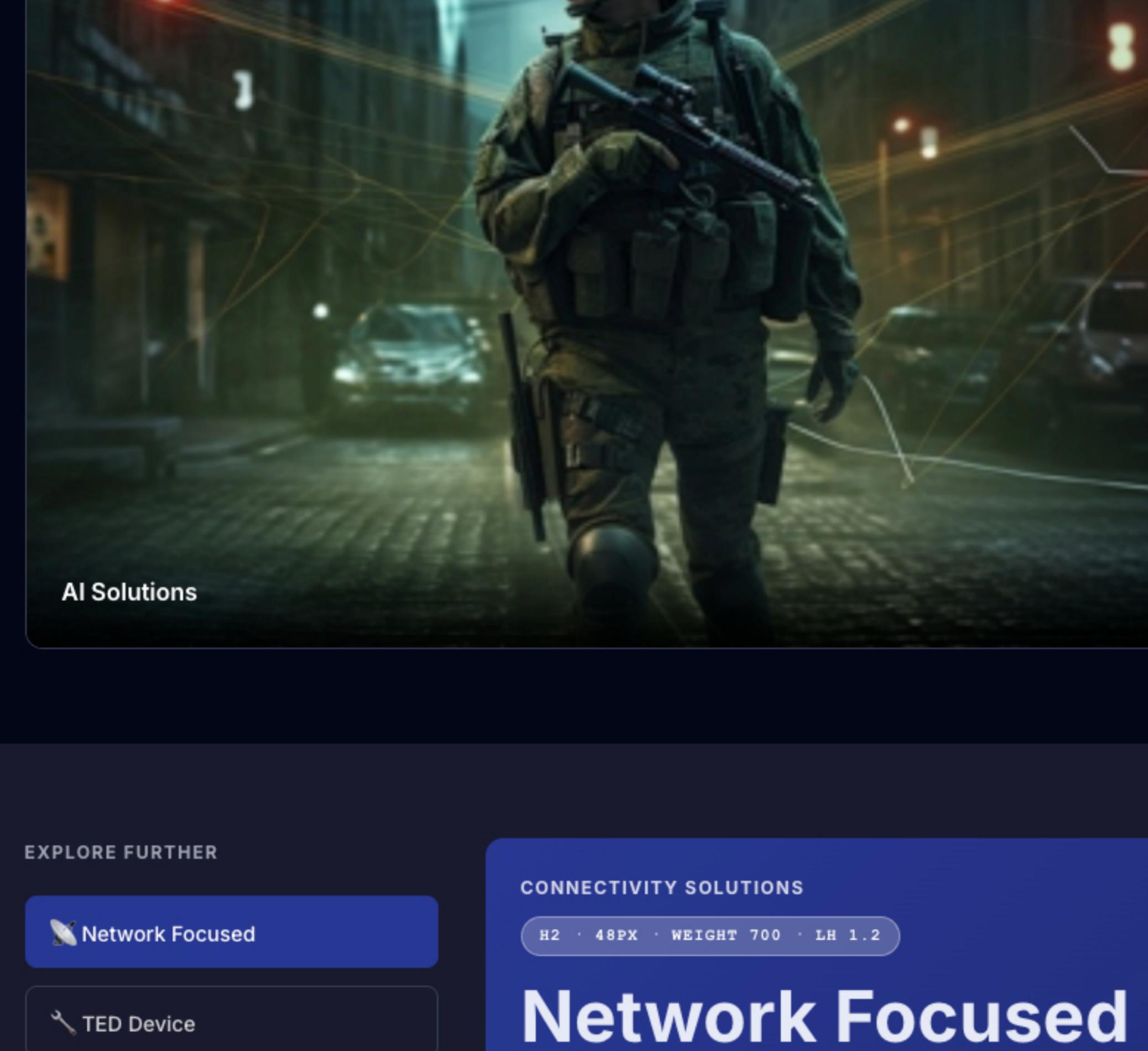
- 1 Real-Time Processing**
Millisecond-level AI inference and decision-making at the tactical edge
- 2 GPS-Denied Positioning**
Multi-floor indoor positioning and 3D tracking without satellite dependency
- 3 WCAG AAA Compliant**
Superior contrast ratios: Primary 4.8:1, Accent 8.2:1, Text 21:1
- 4 Distributed Intelligence**
AI operating at soldier, network, and command levels simultaneously
- 5 Zero-Cloud Dependency**
Complete on-device processing for unmatched security and reliability
- 6 Advanced Analytics**
Automated pattern detection, anomaly analysis, and performance metrics

VISUAL PLATFORM

H2 · 48px · WEIGHT 700 · LH 1.2

See It In Action

Professional imagery showcasing Athena-Tek's capabilities and integration



-Driven Soldier Insight at the Point of N

ATHENA-TEK
THE AI-ENABLED SENSOR & Emitter Fusion Engine

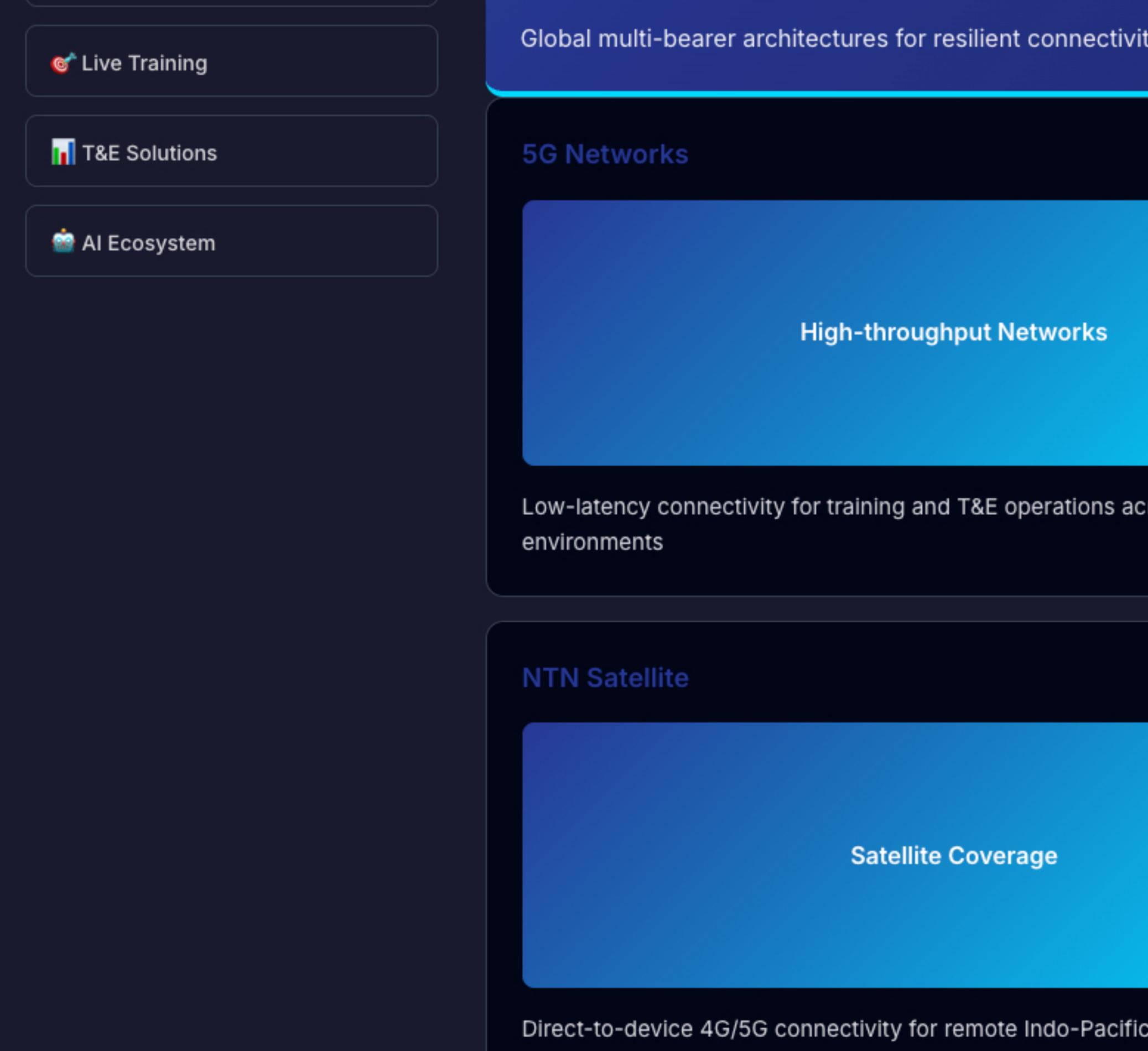
THE NETWORK BRIDGE
MULTI-TRANSMITTER MESH, BROADBAND 5G / 5GMM, NARROWBAND WIMAX / HOLLOW

TRAINING SOLUTIONS
REAL-TIME CASUALTY ASSESSMENT (RTCA), INDO TRACK

WORK
KICKERS (MILITARY GRADE) Cloud Infrastructure

CONNECTIVITY
WEAPON ORIENTATION & BEHAVIOR ANALYSIS, FUS AFTER

[LEARN MORE ...](#)



AI Solutions

ATHENA-TEK
NTN 4G Non-Terrestrial Networks

5G

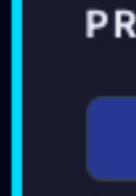
802.11AH

802.11AR

802.11AS

Network Security

EXPLORE FURTHER

-  **Network Focused**
-  **TED Device**
-  **Live Training**
-  **T&E Solutions**
-  **AI Ecosystem**

CONNECTIVITY SOLUTIONS

H2 · 48px · WEIGHT 700 · LH 1.2

Network Focused

Global multi-bearer architectures for resilient connectivity anywhere on the battlefield

5G Networks

INFRASTRUCTURE

High-throughput Networks

Low-latency connectivity for training and T&E operations across global environments

Hybrid Mesh

CONNECTIVITY

Mesh Architecture

802.11s + 802.11ah multi-hop networking for soldier-to-soldier communication in GPS-denied zones

NTN Satellite

GLOBAL

Satellite Coverage

Direct-to-device 4G/5G connectivity for remote Indo-Pacific training operations

SATCOM Backhaul

REACH-BACK

Multi-Orbit Support

LEO and multi-orbit support for expeditionary EXCON reach-back operations

PRIMARY ON WHITE

AA: ✓ AAA: ✓

TEXT ON WHITE

2:1 Ratio
AA: ✓ AAA: ✓

ACCENT ON PRIMARY

8:2:1 Ratio
AA: ✓ AAA: ✓

SECONDARY ON WHITE

5:2:1 Ratio
AA: ✓ AAA: ✓

DEVELOPER REFERENCE

H2 · 48px · WEIGHT 700 · LH 1.2

CSS Styles & Hierarchy Tags

Copy-ready code snippets for typography and component styling

Dark Mode Headings

[Copy](#)

```
html[data-theme="dark"] h1,
html[data-theme="dark"] h2,
html[data-theme="dark"] h3,
html[data-theme="dark"] h4,
html[data-theme="dark"] h5,
html[data-theme="dark"] h6 {
  color: #E6E9F0 !important;
}
```

Hierarchy Tag Styling

[Copy](#)

```
.hierarchy-tag {
  display: inline-block;
  padding: 4px 12px;
  border-radius: 999px;
  border: 1px solid #E6E9F0;
  background-color: #E6E9F0;
  font-size: 11px;
  font-weight: bold;
  letter-spacing: 0.08em;
  color: var(--color-primary);
```

H1 Implementation

[Copy](#)

```
<div class="hierarchy-tag">
  H1 48px · weight 700 · lh 1.2
  <h1>The AI-Enabled Soldier Engine</h1>
```

H2 Implementation

[Copy](#)

```
<div class="hierarchy-tag">
  H2 48px · weight 700 · lh 1.2
  <h2>See It In Action</h2>
```

Typography Variables

[Copy](#)

```
:root {
  /* H1 48px · weight 700 · */
  /* H2 24px · weight 700 · */
  /* H3 18px · weight 600 · */
  /* H4 16px · weight 600 · */
  /* H5 14px · weight 600 · */
}
```

Font-Sizes

[Copy](#)

```
h1 { font-size: 1.5em; }
h2 { font-size: 1.2em; }
h3 { font-size: 1.1em; }
h4 { font-size: 1.0em; }
h5 { font-size: 0.9em; }
```

Line-Heights

[Copy](#)

```
h1 { line-height: 1.2; }
h2 { line-height: 1.1; }
h3 { line-height: 1.0; }
h4 { line-height: 0.9; }
h5 { line-height: 0.8; }
```

Letter-Spacings

[Copy](#)

```
h1 { letter-spacing: 0.08em; }
h2 { letter-spacing: 0.06em; }
h3 { letter-spacing: 0.04em; }
h4 { letter-spacing: 0.02em; }
h5 { letter-spacing: 0.01em; }
```

Color-Schemes

[Copy](#)

```
h1 { color: var(--color-primary); }
h2 { color: var(--color-secondary); }
h3 { color: var(--color-tertiary); }
h4 { color: var(--color-quaternary); }
h5 { color: var(--color-tertiary); }
```

Font-Families

[Copy](#)

```
h1 { font-family: "Poppins", sans-serif; }
h2 { font-family: "Poppins", sans-serif; }
h3 { font-family: "Poppins", sans-serif; }
h4 { font-family: "Poppins", sans-serif; }
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```
h1 { font-weight: bold; }
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