

PIRANI-X Family

One Integrated Drone Force Architecture -
From Squad to Brigade



Elbit Systems™

C⁴I and Cyber



PIRANI-X Family

One Integrated Drone Force Architecture -
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Built as an integrated architecture of tactical drones, loitering munitions, remote deployment stations, swarm-enabled launch systems, and advanced combat communications, the PIRANI-X family supports precision strike, ISR, logistics, force protection, and decentralized battlefield operations for maneuvering forces.

A Modular Family of Mission-Specific Systems

Each PIRANI-X system is configured for a defined deployment level and mission profile, spanning squad, company, battalion, and brigade-level operations. Across the family, shared capabilities include GNSS-denied navigation, secure military-grade datalinks, AI-enabled autonomy, and modular open architecture for rapid integration of sensors, payloads, and mission capabilities.

X-Intra



Versatile high-payload tactical drone

- Deployment level: Battalion/brigade
- Payload capacity: Up to 30 kg
- Operational range: 20 km
- Endurance: Up to 60 minutes
- Rapid deployment: Setup under two minutes
- Applications: Fire support, logistics, intelligence, offensive operations



TerminaTHOR



Tactical air-dropped munition system

- Deployment level: Battalion
- Total payload: 9.5 kg, capable of carrying multiple M66-based warheads
- Operational altitude: Up to 600 m AGL
- Operational range: 20 km
- Endurance: 25 to 45 minutes
- Applications: Force protection, area denial/strike missions

MagniTUDE



Multi-role AI-enabled tactical attack drone

- Deployment level: Company
- Payload: Up to 1.5 kg warhead
- Operational range: 10 km
- Endurance: Up to 60 minutes
- Rapid deployment: Under two minutes
- Applications: Precision strikes against vehicles and light armor

MagniXor



Autonomous loitering munition

- Deployment level: Company
- Payload: Up to 1.5 kg warhead
- Operational range: 10 km
- Endurance: Up to 60 minutes
- Operational modes: Swarm or standalone
- Applications: Precision strikes against time-sensitive, high-priority targets

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FireFox-X



Autonomous EW-resilient drone-based weapon system

- Deployment level: Squad
- Total payload: 1 kg directional warhead, lethal/non-lethal configurations
- Operational range: Up to 10 km
- Endurance: Up to 60 minutes
- Safety and control: Human-in-the-loop control and electronic safe-and-arm device

DFNDR



Remotely operated drone station

- Multi-use platform: Climate-controlled capsule for storage, charging, and rapid deployment of multiple drone systems
- Operational readiness: Mission-ready, designed for rapid response
- Applications: Persistent ISR, strike readiness, scalable decentralized drone operations

Unmanned Tactical Force (UTF)



Automated multi-swarm deployment system

- Deployment: Containerized system for storing, launching, and managing multiple drones
- Operational range: Up to 10 km
- Applications: Autonomous coordinated swarm operations



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