

# Kinetics NBC-CBRN

Comprehensive, Automated NBC/CBRN Protection for Land Systems



## Kinetics NBC/CBRN Protection

The NATO AEP-54 compliant Kinetics NBC/CBRN Protection System provides comprehensive NBC protection to Armored Fighting Vehicles as well as cabin ventilation during peacetime operations.

This Kinetics system is a cost-effective solution designed for operation in heavy dust conditions. This military-qualified system is in production and fielded worldwide.

The system offers three protection modes:

- **Overpressure Protection:** The crew cabin is pressurized with filtered air
- **Collective Facemask Protection:** Filtered (and optionally conditioned) air is provided to each of the crewmen's NBC facemasks
- **Hybrid Protection:** Combined Overpressure and Collective Facemasks Protection

**Elbit Systems**

*Kinetics*

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## Comprehensive, Automated NBC/CBRN Protection for Land Systems

### Main System Features:

- NATO AEP-54 system, providing ultimate protection during NBC/CBRN warfare as well as against Toxic Industrial Compounds (TIC)
- Three Protection Modes: Overpressure Protection, Collective Facemask Protection and Hybrid Protection
- Enhanced NBC/CBRN Filter life is achieved by:
  - Advanced Filter Bypass Valve (The filter is hermetically sealed when not in use)
  - Highly-efficient and maintenance-free Inertial Particle Separator (IPS)
  - Disposable Integrated Dust Pre-Filter
  - Fresh Air Dehumidifier
- Filter Clogging Detector sends an alert whenever the Disposable Dust Pre-Filter requires replacement
- Integrated Chemical and Radiation Detectors offer maximum safety and control
- Compatible Peacetime/Training Filter provides extended dust capacity
- Adjustable Fresh Air Blower provides quiet operation and comfort when in ventilation mode



Kinetics NBC/CBRN System for Rocket Launchers and Truck Cabins



NATO AEP-54 compliant NBC/CBRN Filter with Disposable Dust Pre-Filter



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