



LD-1 Use Case:

Major Metropolitan Police Department

- Large Structure Clearing
- Crowd Control
- Daily Operations

Armored Protection NIJ III

- Navigate inside large buildings.
- High speed capability through wide corridors.
- Provide cover for evacuation of victims/personnel.
- Slow speed shield for methodical movements.

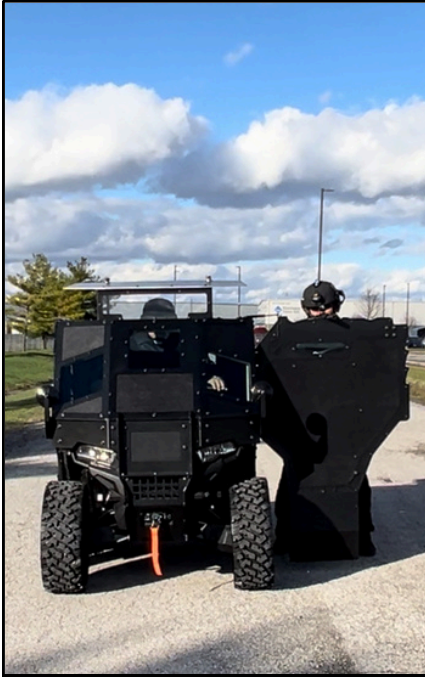


- Capable in various outdoor terrain.
- Maneuverable in narrow streets and alleys.
- Ballistic protection for perimeter personnel.
- Safe transport of supplies, equipment, or injured individuals.

Reduce risk for officers

Reduce physical wear on personnel

LD-1 Use Cases / Scenarios



Perspective:

Lieutenant, 13-year Law Enforcement Officer in major metropolitan area, with specialization in operations, supervision, and negotiations.

Scenario #1: Large Structure Clearing

Examples: Warehouses, malls, stadiums, convention centers, hospital complexes, etc.

Current tactics - vehicle perimeter, officers utilizing vests and hand-held shields, stack formation, methodically and slowly clearing of each aisle/hall.

Solution: Utilizing the LD-1 allows safer and more efficient techniques, with reduction in physical wear on personnel. The new operation method includes NIJ level III protection for perimeter personnel in all terrain. Additionally, driving the LD-1 directly inside the building through any double or overhead door allows for rapid recourse to the threat. Departments may opt for speed and maneuverability through corridors or slower movement with the LD-1 doors providing cover for personnel. The outcome is overall risk reduction for officers.

Scenario #2: Crowd Control / Riot Control

Current tactics - LEOs on bicycles, motorcycles, ATVs, or on foot utilizing tactical vests and hand-held shields.

Solution: The LD-1 represents a significant elevation in capabilities in handling crowds and riots with an increase in the show of force but not to the extent of military. Utilizing multiple LD-1s, in addition to officers on foot protected by 120" of cover provided by the open doors, LEOs can quickly clear an unruly outdoor area. Additionally, the LD-1 can be utilized as transport for things such as wounded individuals, supplies, or towing of small equipment.



Additional Scenarios: Daily reactive operations, especially when surrounding houses in tight, urban settings that have narrow sidewalks, alleys, and side yards. The space/weight restrictions of the Bearcat/MRAP vehicle limit their contributions.

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