

## Use Case: Major Metropolitan Police Dept

Armored Kit Protection: NIJ III (7.62 x 51)

Fast and maneuverable in tight spaces



### Large Structure Clearing

- Search large buildings safely and efficiently.
- High speed through wide corridors.
- Slow speed shield for methodical movements.
- Provide cover for evacuation of victims/personnel behind open doors.

### Crowd Control

- Multiple LD-1 deployment to assist officers on foot.
- Clear outdoor areas efficiently with doors as shields if needed.
- Proactive stance.

### Daily Operations

- Reactive operations.
- Narrow urban streets and alleys.
- Ballistic protection and speed for perimeter personnel.
- Transport of supplies, equipment, or injured individuals.

Reduce risk to officers.

Reduce physical wear on personnel.

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# Protection... Revolutionized

## ***LD-1 Use Case / Scenario*** **Major Metropolitan Police Department**

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

**Scenario #1:** Large Structure Clearing (ex. Warehouses, malls, stadiums, convention centers, hospital complexes etc.)

Current tactics – vehicle perimeter, officers utilizing tactical 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 model 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 stacked movement with the LD-1 doors providing cover. The outcome is overall risk reduction to officers.

**Scenario #2:** Crowd Control/ Riot Control

Current tactics – LEOs on bicycle, motorcycle, ATV, 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 the 120" of cover provided by the open doors, LEOs can clear an unruly outdoor area quickly. 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 keep their contributions limited.

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