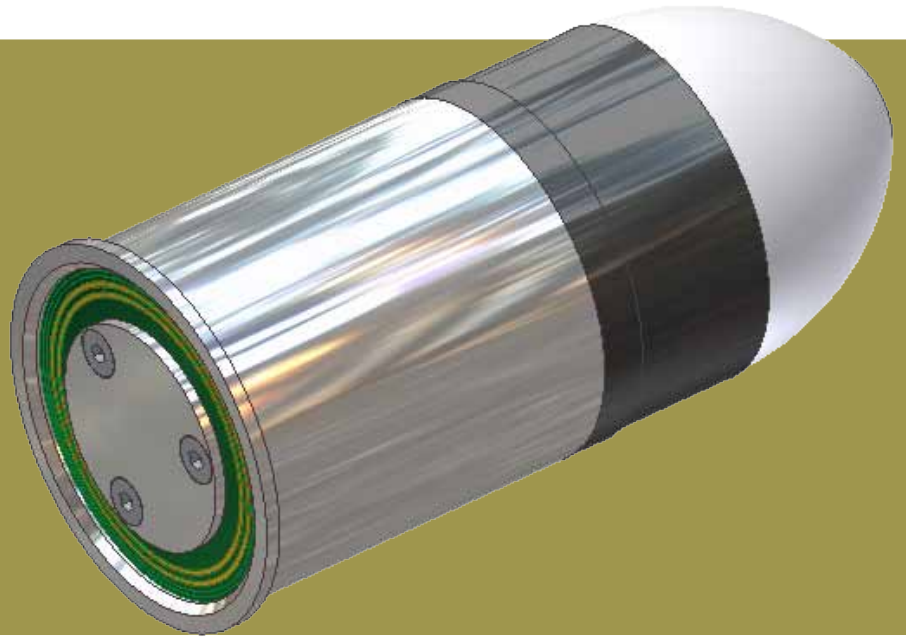


Managed Lethality Grenade Launcher System



MLGLS FEATURES:

- Autonomous or manually selectable kinetic energy delivery system.
- Delivers a less lethal effect from short to extended ranges.
- Integrates with a variety of in-service, LV40mm, weapon platforms.
- Compatible with multiple munition types.
- Host weapon maintains full capacity to fire lethal, less lethal and other 40mm munitions.

MLGLS ADVANTAGES:

- Maintains full lethal capabilities for the warfighter.
- Provides a less lethal option using one munition type over a broad effective range.
- Reduces potential for unintended casualties from excessive kinetic energy at short ranges.
- Maintains less lethal effectiveness at extended ranges.
- Point and shoot - automatic range sensing eliminates potential for operator error.



Australian Government

Department of Defence

Defence Science and
Technology Organisation



FULL SPECTRUM WARFARE



SYSTEM OPERATION:

- The distance to the target is determined using either
 - the Laser Range finder; or
 - manual input by warfighter.
- The user sights the weapon and presses the trigger button.
- The fire control unit (FCU) determines optimal velocity needed to provide appropriate impact on a target.
- Fire control unit then electronically fires the projectile at the velocity required.
- The system ensures that no energetic material remains in the cartridge case after firing.

The versatility and ease-of-integration of the MLGL system into currently fielded weapon platforms ensures that today's warfighter can proactively engage and respond appropriately in dynamically changing urban and military environments.

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