ZULU
ORIGIN

LODEOUT CATALOGUE

2026

SYSTEM OVERVIEW

FUNCTIONALITY & INTERFACE ARCHITECTURE

LODEOut® is a magnetic-enabled load-bearing system engineered to redefine how operators configure, deploy, access, and adapt mission-essential equipment in dynamic operational environments.

Designed to upgrade conventional carrier platforms, **LODEOut®** separates the operator's equipment architecture into three interoperable layers:

- **Platform Layer** — plate carriers, belts, packs, vehicles, and external structures
- **Receiver Layer** — engineered ferromagnetic interface zones
- **Module Layer** — mission-specific magnetic-enabled payloads

This architecture enables rapid reconfiguration of operational equipment without requiring the operator to completely rebuild or re-thread their legacy carrier platform.

At the core of the system is a precision-engineered magnetic interface architecture utilizing self-aligning ferromagnetic interface zones that provide stable operational load-bearing retention while maintaining rapid attachment and removal capability.

RAPID MISSION RECONFIGURATION

LODEOut® is designed around the principle of operational adaptability. Operators can:

- Rapidly exchange mission-specific modules
- Reposition equipment during operations
- Standardize load placement across teams
- Transition between assault, reconnaissance, medical, sustainment, and mobility roles
- Adapt equipment profiles in real time without disrupting core platform configuration

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RECEIVERS

THE FOUNDATION OF THE LODEOut® ECOSYSTEM

Receivers form the core interface infrastructure of the **LODEOut®** ecosystem.

Rather than functioning as traditional static mounting surfaces, **LODEOut®** Receivers create engineered interface zones that allow rapid attachment, repositioning, and deployment of operational modules across multiple mission platforms.

Each Receiver is designed around:

- Self-aligning magnetic geometry
- Low-profile & seamless integration
- Operational load distribution
- Optimal load security
- Scalable modular interoperability

This architecture enables operators to configure mission-specific loadouts while maintaining standardized equipment placement across multiple operational environments.

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COLOUR OPTIONS

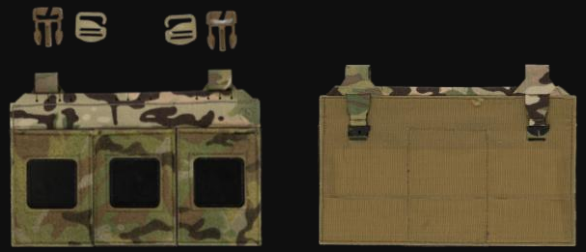
LODE Out

BACK PANEL

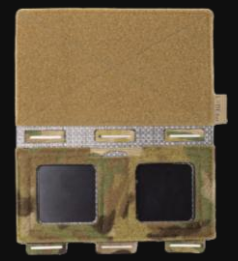
MOLLE RECEIVER

DANGLER

DOUBLE DANGLER



TRIPLE RECEIVER



MICRO DANGLER

THE ROLL

DROP-LEG HARNESS

MICRO RECEIVER

ASSAULT

RAPID-ACCESS COMBAT CONFIGURATION

LODEOut® Assault Modules are engineered to support modern combat operations requiring rapid accessibility, modular scalability, and mission-adaptive payload configuration.

Designed around the **LODEOut®** receiver ecosystem, Assault Modules provide operators with stable operational retention while enabling immediate deployment and rapid mission reconfiguration under active-use conditions.

Each module is optimized for:

- Low-profile integration
- Aggressive movement stability
- Rapid access
- Cross-platform interoperability

MISSION-ADAPTIVE LOAD CARRIAGE

Assault Modules enable operators to configure:

- Ammunition placement
- Breaching tools
- Distraction devices
- Pyrotechnics
- Specialist payloads according to mission profile and operational requirement

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COLOUR OPTIONS

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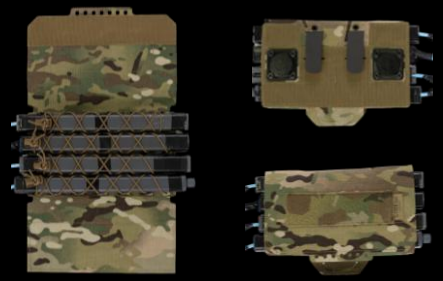

CHARGE POUCH

QUAD CELL

BREACHER DANGLER

SINGLE 5.56

SINGLE 7.62

INITIATOR POUCH (IFD 15M)

TRIPLE SMOKE

DOUBLE 9MM

TRIPLE MAG-CARD

MED & UTILITY

MEDICAL, SUSTAINMENT & OPERATIONAL SUPPORT SYSTEMS

LODEOut® Med & Utility Modules are engineered to support casualty response, sustainment, equipment organization, and operational continuity across complex tactical environments.

Built around rapid accessibility and mission adaptability, these modules allow operators to deploy critical support equipment without sacrificing mobility, speed, or low operational signature.

The modular ecosystem enables support equipment to remain:

- Organized, standardized & rapidly deployable
- Interchangeable across the wider **LODEOut®** receiver architecture.

RAPID TRAUMA RESPONSE

LODEOut® medical modules are designed around immediate accessibility under stress.

The system enables:

- Rapid casualty intervention
- Standardized trauma equipment placement
- Dynamic deployment across multiple operational environments

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COLOUR OPTIONS

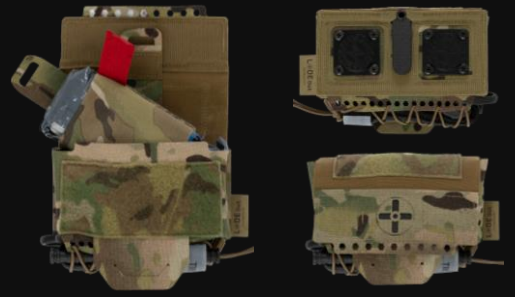



LODE Out

RD STRETCHER (DRAG)

RD STRETCHER (FULL)

TFAK



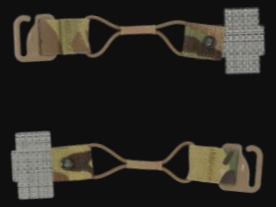
IFAK

UTILITY (ZIP)

SINGLE MOLLE ADAPTER

OPS PACK

UTILITY (WINDOW)



DANGLER RETENTION

FAQ'S

DO THE MODULES FALL OFF DURING OPERATIONS?

No - LODEOut® is engineered as a distributed magnetic load-bearing system specifically designed to retain operational payloads during dynamic movement and active-use conditions.

Unlike single-point attachment systems, LODEOut® utilizes:

- Distributed magnetic retention
- Engineered interface geometry
- Self-aligning attachment zones
- Optional secondary retention systems for specialized operational requirements

This architecture distributes payloads across multiple interface zones, improving both retention stability and operational consistency during movement.

Under normal operational conditions, LODEOut® modules are engineered to remain secure during:

- Sprinting
- Climbing
- Vehicle operations
- CQB actions
- Casualty response
- Rapid deployment activities
- Dynamic tactical manoeuvres

For specialized operational environments & pre-planned missions, both primary & secondary retention reinforcements should be utilized to further increase retention security.

LODEOut® was designed to balance rapid adaptability and secure load-bearing retention without sacrificing deployment speed or mission flexibility.

LODEOut

FAQ'S

DOES THE MAGNETIC SYSTEM INTERFERE WITH RADIOS OR COMMS EQUIPMENT?

No - LODEOut® utilizes a distributed magnetic interface architecture engineered specifically for minimal magnetic signature. The magnetic fields are highly localized and well-distributed within the interface zones and are not designed to emit broad electromagnetic interference.

Under normal operational use, the system does not interfere with:

- Military communications equipment
- Tactical radios
- Hearing protection systems
- Night vision devices
- Common electronic field equipment

CAN THE SYSTEM AFFECT GPS OR COMPASS FUNCTIONALITY?

LODEOut® has been engineered for operational use in modern tactical environments where compasses & GPS-enabled systems are standard operational equipment.

Because the magnetic fields are localized and widely distributed across the interface architecture, normal placement and use do not negatively affect GPS functionality over above interferences already encountered by close proximity to vehicles & weapon systems.

Traditional magnetic compasses may experience localized deviation if placed directly against (or near to) active magnetic interface zones, however, operational trials have consistently shown there is no effect when compasses are held at arms length.

For this reason:

- Compasses should not be stored directly against receiver zones
- Standard fieldcraft practices regarding magnetic equipment should be maintained

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FAQ'S

IS THE SYSTEM SAFE AROUND AMMUNITION, DETONATORS, OR INITIATORS?

Yes - LODEOut® has been designed for operational use around standard military and law-enforcement equipment, including:

- Live ammunition
- Magazines
- Breaching tools
- Pyrotechnics

The system's magnetic architecture is engineered for load-bearing retention and is not designed to generate the type of magnetic signature, electrical discharge or energy transfer associated with initiation systems, however, as with all explosive or specialist ordnance handling:

- Users must always follow applicable military, law-enforcement, EOD, and manufacturer safety procedures
- Particularly when working with sensitive electronic initiators or specialist explosive systems

DO THE MODULES FALL OFF DURING OPERATIONS?

No - LODEOut® is precision engineered to retain operational payloads during dynamic movement and active-use conditions.

During unpredictable mission transitions, operators can run the system in a rapid-adaptive magnetic-only configuration, allowing immediate module exchange, casualty response, equipment redistribution, and mission reconfiguration without slowing down the operator.

For higher-security applications, LODEOut® also supports reinforced pre-planned configurations utilizing optional secondary retention systems such as Rabbit Teeth Retention, providing additional retention strength for Airborne, Mountainous or Maritime environments. This dual-mode architecture allows operators to balance speed, accessibility, adaptability, and retention security according to mission profile and operational requirement.

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FAQ'S

WHY USE MAGNETIC RETENTION OVER TRADITIONAL MOLLE?

Traditional MOLLE systems are highly secure but often slow to reconfigure and difficult to adapt under operational conditions.

LODEOut® was engineered to solve this problem by enabling:

- Rapid mission reconfiguration
- Standardized equipment placement
- Immediate module interchangeability
- Reduced platform downtime

The system allows operators to:

- Exchange payloads rapidly
- Reposition equipment dynamically
- Adapt to evolving mission profiles
- Maintain interoperability across teams and platforms

CAN THE SYSTEM BE USED ON VEHICLES OR STRUCTURES?

Yes - LODEOut® modules can be temporarily attached to suitable ferromagnetic surfaces, allowing rapid deployment and organization within:

- Vehicles
- Command posts
- Medical stations
- Maritime environments
- Fixed operational structures

This provides enhanced accessibility and organizational flexibility during dynamic operations.

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FAQ'S

DOES THE SYSTEM ADD EXTRA WEIGHT?

LODEOut® is engineered around low-profile, operationally efficient load distribution.

While the interface architecture introduces additional structural components compared to minimal nylon-only systems, the majority of operational-users consider the weight add to be negligible in contrast with the tactical advantages gained through:

- Modular adaptability
- Rapid accessibility
- Reduced reconfiguration time
- Equipment standardization

The distributed architecture also helps reduce unnecessary duplication of equipment across multiple platforms, and even when operators utilise a full spectrum of the system (e.g., Back Panel & Double Dangler + 4x Modules), the total weight add is less than one fully bombed 5.56 magazine.

CAN LODEOUT® BE USED WITH EXISTING PLATE CARRIERS AND MOLLE SYSTEMS?

Yes - LODEOut® was specifically designed for interoperability & backward-compatibility with existing tactical ecosystems. The Receiver architecture enables integration across a wide range of OEM plate carriers such as (but not limited to):

- First Spear
- S&S Precision
- Spiritus Systems
- Ferro Concepts
- Crye Precision
- Eagle Industries
- C2R Fast

This allows operators to adopt the system without abandoning preferred equipment setups.

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FAQ'S

DOES DIRT, MUD, OR DEBRIS AFFECT PERFORMANCE?

LODEOut® is engineered for operational use in harsh field conditions.

The interface geometry is designed to maintain consistent attachment performance under typical operational exposure to:

- Dirt
- Dust
- Mud
- Moisture
- Debris

As with all mission-critical equipment, routine inspection and cleaning are recommended to maintain optimal performance.

IS THE SYSTEM SUITABLE FOR MILITARY AND LAW-ENFORCEMENT USE?

Yes - LODEOut® was engineered specifically for:

- Military operations
- Law enforcement tactical teams
- Emergency medical response
- Specialist operations units
- Reconnaissance
- Mobility operations
- Law enforcement officers
- High-risk industry ERT's
- Private Security Detachments
- Event Security Staff

LODEOut

FAQ'S

WHAT HAPPENS IF A MODULE IS ACCIDENTALLY IMPACTED OR PULLED?

The distributed magnetic interface architecture is engineered to balance:

- Retention security
- Rapid accessibility
- Operational usability

Modules are designed to remain secure during aggressive operational movement while still allowing intentional rapid removal when required. This is achieved when the full retention system is utilized:
Primary – Magnetic Coupling
Secondary – Rabbit Teeth Retention + Hook & Loop Velcro

When the primary & secondary retention mechanisms are deployed, the reliability of the modules' security remains consistent, even within arduous environments and when pinched or pulled.

CAN OPERATORS SHARE OR SWAP MODULES DURING MISSIONS?

Yes - One of the core advantages of the LODEOut® ecosystem is standardized cross-platform interoperability.

Modules can be rapidly exchanged between:

- Operators
- Carriers
- Belts
- Packs
- Support platforms

This can be done without requiring permanent mounting changes or complex reconfiguration procedures.

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