

**INDUSTRY
SECURITY**

MARKEM NL

INNOVATION



LAW ENFORCEMENT & MILITARY ONLY

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A non lethal marking system to be employed by Law Enforcement in riots etc...

Using the principle of a Paint Gun, suspects can be marked with a scented dye, which can be used for tracking vehicles, people or merchandise in a wide variety of situations.

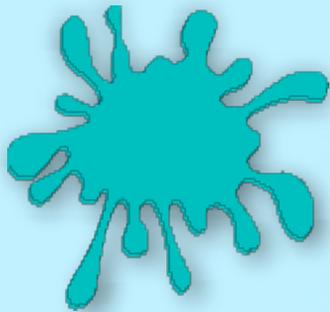
The dye can be luminous and visible or invisible and carry a scent to aid tracking by canines or gas sniffers.

Careful formulation can allow the operator to apply different colors or scents to different situations.

A low powered paint gun can apply an adhesive mass with a glue or gum like consistency that can slowly drip, leaving a tracking mark to be followed at a later stage. A GPS Tracker can also be included to assist surveillance.

Similarly, small hand held packs can be deployed directly to persons of interest, vehicles or merchandise.

The materials employed should be volatile enough to have a relatively short life span and to be non-harmful and non-destructive. They should be removable with a 'Part B' proprietary cleaner.



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A Law Enforcement Officer can apply a Markem Squeeze Bubble directly to a suspect, article, vehicle etc... The bubble contains a Clear or Colored adhesive that contains a canine distinctive scent. This Squeeze Bubble is similar to a (smaller) Take-Out Ketchup container, designed for a single use. The container can also be pierced and placed inside a cardboard box, pickup bed or even rolled onto a roadway to be run over by a vehicle's tires. The object is to forensically mark an object and then provide tracking and or identification of that object at a later stage. A more passive form of Cash Dye Bomb used by banks.

Stage 2: A low powered 'Paint Gun' can be deployed to mark a fleeing suspect vehicle in situations where non-lethal force is required. This 'bubble' can ideally contain a brightly colored, scented, adhesive dye that can assist in tracking and identifying fugitive persons or vehicles etc...

Stage 3: Together with Stage 2, a miniature, battery powered GPS tracker can be embedded into the adhesive bubble to maintain route and tracking.

Stage 4: Together with Stage 2 and 3, a miniature 1 or 2 way communications device can be embedded in the adhesive bubble.

Stage 5: A miniature camera can be included and used to collect forensic evidence

Stage 6: All of the above can be activated by a LEO controlled surveillance drone.



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MARKEM NL: The Escalating Forensic Ecosystem

Non-Lethal Tracking Superiority
& Absolute Chain-of-Custody

Highly Classified Briefing // NDA REQUIRED // Law Enforcement Aid Only

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THE LIABILITY OF VELOCITY

High-speed physical altercations and vehicular pursuits present extreme liabilities to officers, suspects, and civilians.

THE MARKEM SOLUTION

A paradigm shift in apprehension. By deploying a volatile, multi-layered forensic tether, law enforcement can instantly de-escalate kinetic pursuits.

We break the line of sight, but we never break the chain of custody.

MARKEM NL: PROJECT 'TETHER' - LAB ANALYSIS

CONSISTENCY

Roboto Mono
High-viscosity glue/gum-like mass.
Engineered to drip slowly, leaving
a continuous, persistent tracking
trail.

VOLATILITY PROFILE

Roboto Mono
Formulated with a relatively
short lifespan. Self-degrading to
ensure operational hygiene.



SAFETY PARAMETERS

Roboto Mono
100% non-lethal, non-harmful,
and non-destructive to property
or biological assets.

CUSTOMIZABLE PAYLOAD

Roboto Mono
Operator can configure luminous
(visible) or invisible dyes, paired
with specific, distinctive scents
for targeted tracking.

CLASSIFICATION: EYES ONLY | LAW ENFORCEMENT AID

MONUMENT EXTENDED | Inter

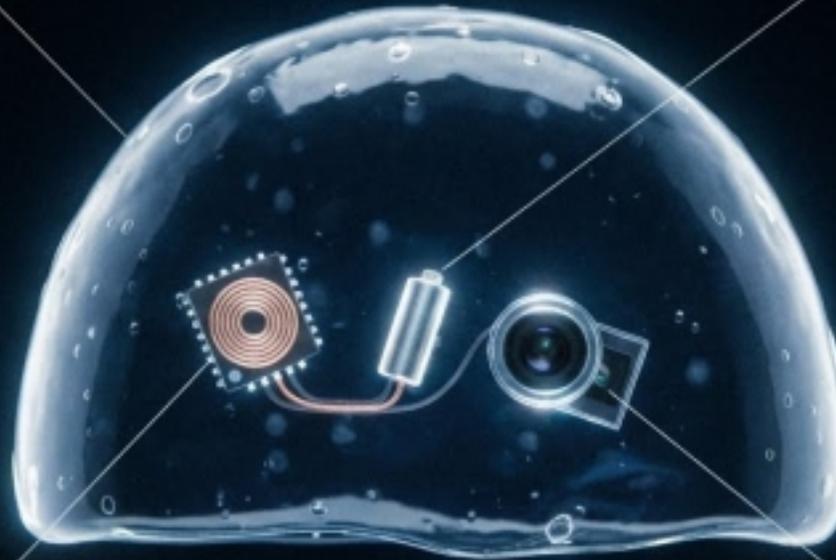
THE ADHESIVE SHELL

High-impact gelatinous casing designed to survive high-velocity kinetic delivery while adhering instantly to metal, glass, or textiles.

MONUMENT EXTENDED | Inter

MICRO 2-WAY COMM DEVICE

Covert audio surveillance and communication interface.



MONUMENT EXTENDED | Inter

MINIATURE GPS TRACKER

Embedded, battery-powered global positioning telemetry.

MONUMENT EXTENDED | Inter

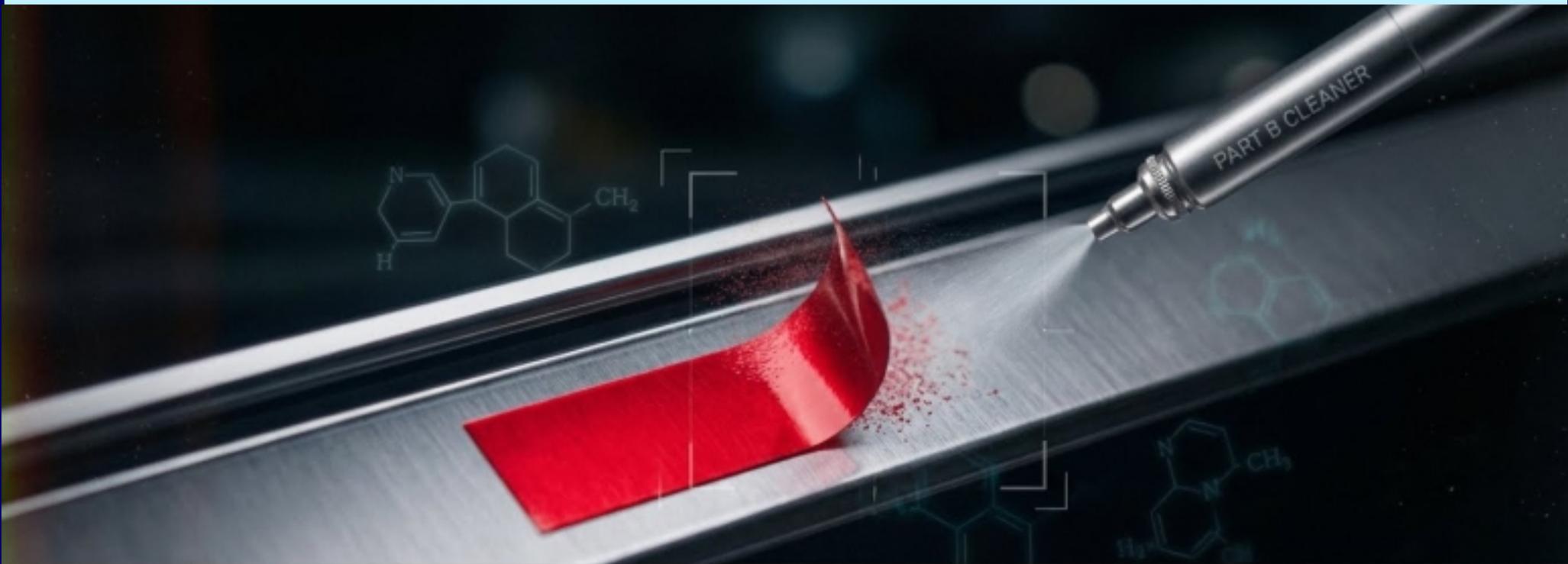
FORENSIC CAMERA

Micro-optics for indisputable, close-proximity visual evidence gathering.

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CONTROLLED RESOLUTION: THE BINARY SYSTEM

MARKEM NL is a proprietary two-part binary ecosystem. The intense bonding strength of the primary adhesive is instantly neutralized by the proprietary Part B cleaner.

SECURES THE TARGET DURING
EVASION; LEAVES ZERO
DESTRUCTIVE FOOTPRINT
POST-APPREHENSION.

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STAGE 1: Close-Quarters & Covert Deployment

Form Factor:

Similar to a small, single-use take-out ketchup container.

Application:

Applied directly to a suspect, article, or vehicle during premeditated sting operations or physical pat-downs.

Passive Trapping:

Can be covertly pierced and placed inside a cardboard box, a pickup bed, or rolled onto a roadway to be run over by target tires.

Payload:

Clear or colored adhesive carrying a distinctive canine tracking scent.

DEPLOYMENT MODULARITY MATRIX

Delivery System	Optimal Target	Range & Profile	Embedded Tech Capacity
Squeeze Bubble	Persons / Stationary Objects	Contact (0m) / Covert	Scent & Adhesive Only
Pursuit Paint Gun	Fleeing Suspects / Vehicles	Mid-Range (Up to 50m) / Dynamic	Full Micro-Suite (GPS, Comms, Camera)
Bumper Aerosol System	Fleeing Vehicles	Close-Pursuit / Overt High-Volume	Maximum Visual & Scent Marking

Total modularity allows the LEO to match the escalation of the suspect without escalating to lethal force.



STAGE 2: Dynamic Non-Lethal Projectile Delivery

- 1 The Delivery System**
Roboto Mono
A low-powered, precision paint gun deployed when non-lethal force is authorized against fleeing vehicles or individuals.
- 2 The Payload**
Roboto Mono
A brightly colored, highly adhesive dye engineered to withstand high wind-shear and rain.
- 3 The Result**
Roboto Mono
Immediate, undeniable forensic identification, allowing pursuit vehicles to drop back, reducing civilian risk while maintaining target acquisition.

STAGE 2 HEAVY: Non-Lethal Aerosol Bumper Deployment

Integrated Hardware: Precinct vehicles can be outfitted with front-mounted aerosol deployment systems.

High-Volume Saturation: Designed to saturate the rear of a fleeing vehicle with highly visible, scented, adhesive dye.

Tactical Advantage: Requires no officer to draw a weapon or roll down a window; fully controlled from the vehicle cab during high-speed maneuvering.



NDA REQUIRED

STAGES 3 & 4: The Digital Telemetry Tether

STAGE 3: Real-Time GPS Tracking

The integration of a miniature, battery-powered GPS tracker directly into the adhesive mass, allowing dispatch to map route and tracking in real-time.



STAGE 4: Covert Audio Surveillance

The embedding of a miniature 1-way or 2-way communications device into the bubble, enabling covert audio surveillance of the suspect's cabin post-marking.

NDA REQUIRED



STAGE 5: Irrefutable Forensic Optic Gathering

A miniature camera is seamlessly included in the droplet matrix. This ensures that the system goes beyond tracking, actively collecting actionable forensic evidence from the moment of impact until the point of apprehension, cementing the chain of custody for trial.

NDA REQUIRED

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The Tri-Modal Tracking Network

Biological Tether



Visual Tether

Digital Tether

Digital Tether

THE INESCAPABLE NET: If a suspect evades visual range, digital telemetry maintains contact. If digital signal is jammed or lost, biological K-9 tracking instantly compensates. One single application creates three redundant, unbreakable tethers.

NDA REQUIRED

STAGE 6: Omniscient Drone Synthesis

TARGET ACQUIRED
ALTITUDE: 150m
SPEED: 98 km/h
GPS COORDS:
34.052, -118.2437 W

ACTIVATE
MARKEM NL

The ultimate culmination of the ecosystem. All physical, digital, and visual markers can be actively tracked, synthesized, and even remotely activated by LEO-controlled surveillance drones, removing ground units from immediate danger while maintaining absolute operational overwatch.

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MARKEM NL: Total Forensic Dominance

- **De-escalate Instantly:** Terminate the physical danger of the pursuit, not the custody of the suspect.
- **Track Infallibly:** Rely on a redundant, Tri-Modal (Biological, Visual, Digital) ecosystem.
- **Apprehend Safely:** Resolve the situation on law enforcement's terms, utilizing non-destructive Part B proprietary removal.

The Pursuit Ends. The Tether Remains.

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