



Biomimicry Stealth Technology

Real-time smart camouflage cloak for the modern battlefield

Signature management, deception & misdirection: low weight, low energy, affordable price

6 kg/m²

cloak weight

12 W/m²

power draw at idle

\$2,000/m²

Gen-1 target price

THE PROBLEM

Connected multispectral sensors, drones and AI-guided munitions mean that **an asset that can be detected can be hit**. The Russia–Ukraine war shows high detectability turning directly into casualties and equipment lost. Today's camouflage is old school static: tuned to one background and blind to changing visual, thermal or radar threats.

THE SOLUTION

InviSig's **smart signature cloak** (granted patent) covers a vehicle, structure or naval asset and changes its appearance in real time. Like a chameleon, the cloak carries visual and thermal layers on the same pixel, so the asset can blend into its surroundings or mimic something else. Generation 1 covers visible and thermal, SWIR Laser and radar is on the roadmap.

HOW IT WORKS

1 Sense

Multispectral sensors read the background around the asset

2 Decide

Image processing chooses to blend in or project a decoy

3 Display

The cloak shift the visual and thermal signature



Exposed



With InviSig

TRACTION

- **Tier-1** multispectral camouflage OEM; **LOI**: joint demonstrator, manufacturing and NATO customer access
- **Vehicle OEM LOI**: R&D director engaged; evaluating joint development and co-commercialization
- **MAFAT – paid research**: government-funded validation and a direct IDF procurement pathway
- **IDF**: engagement with MANTAK, Nachal and IDF 2035; US/EU market-entry talks under way

MARKET & MODEL

Current static signature-management market **\$6B+** a year, growing 6.7% (2024–2033)

Pricing tiers \$1,000–3,000/m² with 55–65% target gross margin; a typical cloak is \$25K–300K, about 3–5% of the asset's value.

TEAM

Annon Kraemer, CEO: IAF F-16 pilot; former head of IDF strategic-asset passive defence; Elbit Systems

Prof. Tal Carmon, Academic CTO: photonics and adaptive camouflage (Tel Aviv University, Technion)

Uri Feldman, BizDev: serial entrepreneur, GTM expert (Frontline, Orbotech)

Erez Sobol, Product: CVC manager, product and BD (SAP, Lenovo)

+ SW and systems engineers;

Col. (res.) Guy Amosi, Air Defense, Advisor

COMPETITIVE EDGE

	Static nets	Active	InviSig
Multispectral	Yes	Visible + IR	Yes
Real-time adaptation	No	Yes	Yes
Deception	No	Yes	Yes
Energy / weight	Zero / very light	High / heavy	Very low / light
Price	Low	High	Medium

APPLICATIONS

Vehicles & Special Ops.	Command posts & infrastructure	Naval vessels	Dual use: HLS & smart cladding
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\$4M

SEED ROUND

Use of funds: MIL-SPEC design and DFM • semi-mass production line • 3 paid operational pilots.

Goal: First sales by Aug 2028; ~\$10M next round in 2028

Seeking: a strategic partner to go to market together

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