

SECURE FACILITIES

Defending the Accredited Envelope.

Physical-layer electromagnetic containment for SCIFs, secure operations centers, medical imaging suites, and telecommunications facilities — engineered as a thin-film and coating system rather than sheet copper.

SCIFs · MEDICAL · HOSPITALS · DENTAL · TELECOM

In production. Manufactured in Dallas, Texas. Independently validated under ASTM D4935-10 across the 30 MHz through 1.5 GHz sweep by an accredited third-party laboratory. Configured per program, delivered to accredited-integration point.

40–100+ dB

Attenuation

Configured per program

ASTM D4935-10

Independently validated

3rd-party lab reports

In Production

Dallas, Texas

U.S. supply chain

Ready

Commercial & defense

Available today



GT OPTICS, INC.

Corporate HQ: 1601 Elm Street, 48th Floor, Dallas, TX 75201

Manufacturing Facility: Dallas, Texas · Manufactured in USA · Independently validated under ASTM D4935-10

Brian Figueroa, Chairman · brian@gtoptics.io · 949-482-7825

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Confidential — for qualified customers and program partners



DEPLOYMENT — MODULAR SCIF

SecureWrap® integrated during factory manufacture of an expeditionary secure unit.

MARKET & PLATFORM

One Platform. Every Accredited Envelope.

Sector Reality.

Secure facilities carry the strictest requirements in commercial and government operations: signal containment, cross-talk isolation, and physical-layer defense against RF exploitation, HPM events, and — increasingly — directed-energy threats. Legacy solutions rely on bulk copper mesh, foil-lined drywall, and heavy Faraday construction, adding cost, weight, and long installation cycles to every project.

The GT Optics Answer.

GT Optics delivers a qualified thin-film and coating material system — in production, sold at commercial and defense scale — that carries SCIF-grade attenuation at a few grams per square meter, applied to the surfaces that already exist. A single platform delivered as flexible film for retrofit, conformable coating for new construction, or factory-applied for modular units. Configured per program, accredited at integration.

GT OPTICS · DALLAS, TEXAS

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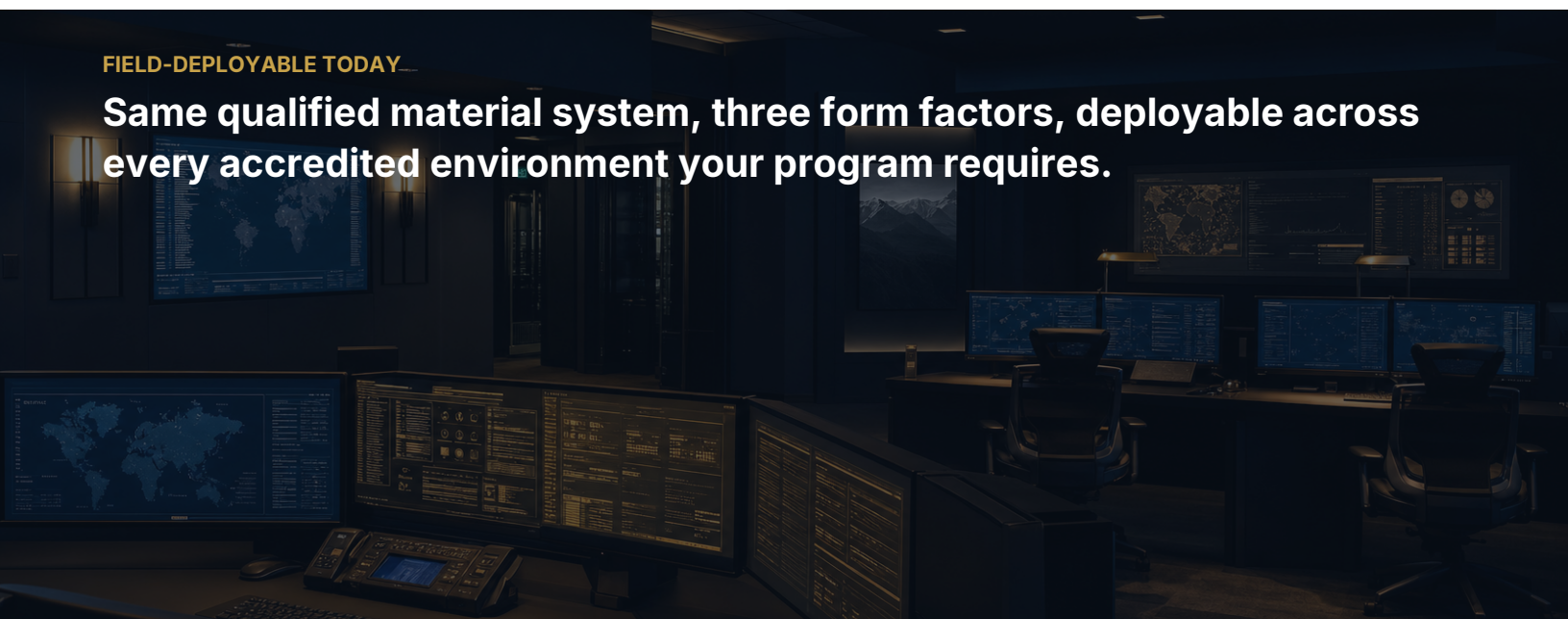
APPLICATIONS

Environments & Configurations.

APPLICATION	WHAT IT PROTECTS	GT OPTICS CONFIGURATION
Fixed SCIFs	Wall, ceiling, floor, and penetration containment for permanent accredited spaces.	Retrofit film application to existing surfaces or coating during new construction — configured to the accrediting authority's frequency profile.
Portable & modular SCIFs	Rapidly deployable, expeditionary, and modular unit envelopes.	Film applied to modular panels and skins during factory manufacture — accreditation-ready on arrival.
Secure operations centers	NOCs, watch floors, executive comms rooms, and command environments.	Wall-system film or coating tuned to workload and adjacency threats — no floor-plan disruption.
Medical imaging suites	MRI, CT, and imaging bays where RF containment is regulatory or clinical.	Selective containment of imaging bays without heavy Faraday-cage construction — retrofit or new build.
Hospitals & dental	Telemetry rooms, treatment suites, and diagnostic bays.	Configured for the operational band of each host system — grams per square meter, no structural load.
Telecom facilities	Central offices, carrier hotels, and secure signaling rooms.	Cross-talk mitigation, secure-room hardening, and cable-run treatment across the compute-adjacent fabric.

FIELD-DEPLOYABLE TODAY

Same qualified material system, three form factors, deployable across every accredited environment your program requires.



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THREAT COVERAGE

What SecureWrap® Addresses.

THREAT / REQUIREMENT	HOW SECUREWRAP® ADDRESSES IT
Signal containment (TEMPEST-adjacent)	Broadband attenuation across MHz through radar-band frequencies prevents unintentional RF leakage across accredited boundaries.
RF exploitation & through-wall pickup	Physical-layer barrier defeats remote signal reconstruction and cross-boundary RF interception.
Laser targeting and directed-energy	Engineered attenuation across optical and directed-energy bands where the mission requires it.
HPM and EMP resilience	Broadband shielding hardens accredited spaces against pulsed and high-power microwave events.
EMI and inter-room cross-talk	Isolates racks, rooms, and floors within shared facilities — protects signal integrity across adjacent tenants.
Facility disruption during retrofit	Applied to existing surfaces — retrofit possible without demolition or weight-bearing changes.

INDEPENDENT VALIDATION

Validated, not promised.

Every performance figure traces to an independent third-party report on file. SecureWrap® is qualified under ASTM D4935-10, the planar-material shielding-effectiveness standard, at an accredited third-party laboratory across the 30 MHz through 1.5 GHz sweep. Attenuation is configurable from 40 dB to 100+ dB per program — engineered against the host substrate, film stack, and integration geometry. Configuration-specific qualification is performed at the integration point by the accrediting authority.

ASTM D4935-10

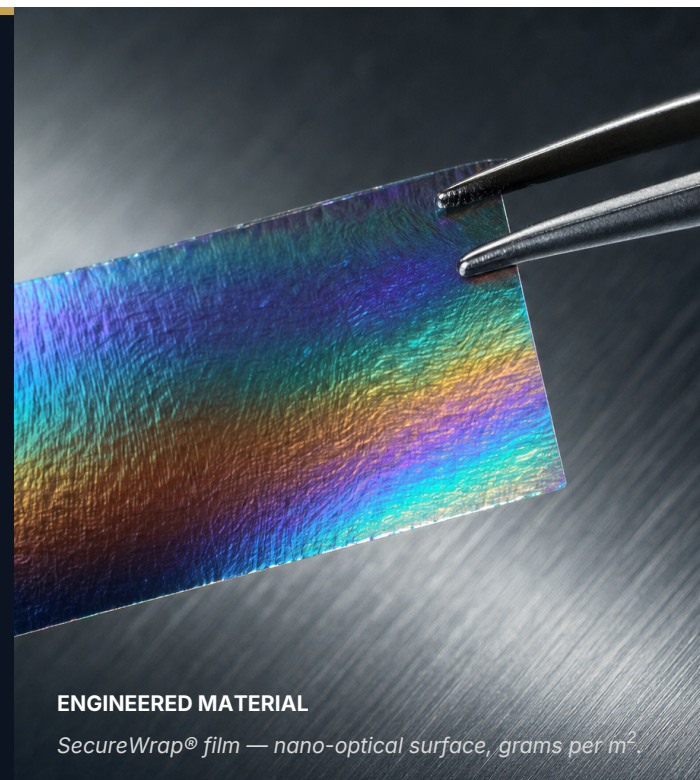
Planar-material shielding-effectiveness standard

30 MHz – 1.5 GHz sweep

Independently swept frequency band by accredited lab

3rd-party laboratory

Accredited reports on file per configuration



ENGINEERED MATERIAL

SecureWrap® film — nano-optical surface, grams per m².

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WHY SECUREWRAP® FOR SECURE FACILITIES

The Case for the Platform.

- **SCIF-grade attenuation from thin film.** A few grams per square meter rather than sheet copper — 40 dB to 100+ dB attenuation configured per program, independently validated under ASTM D4935-10.
- **Retrofit or new build without disruption.** Film for existing surfaces, coating for new construction, factory-applied for modular units — same material platform, three form factors.
- **Full-spectrum by design.** Engineered simultaneously across RF, IR, and directed-energy bands through a single optical stack — not stacked one-off treatments.
- **U.S.-domiciled supply.** Manufactured at the GT Optics facility in Dallas, Texas; tested through accredited third-party laboratories.

TYPICAL BUYERS & INTEGRATION PARTNERS

Who We Work With.

- **SCIF operators & accrediting authorities.** Fixed, portable, and modular accredited spaces across defense, intelligence, and federal programs.
- **Federal and DoD facility integrators.** Design-build, secure-room, and modular SCIF program teams.
- **Healthcare systems.** Hospitals, imaging centers, and dental groups requiring RF containment.
- **Telecommunications operators.** Carrier hotels, central offices, and secure-signaling programs.



MANUFACTURED IN DALLAS, TEXAS

Mastering the spectrum of stealth.

READY FOR BRIEFING

Talk to GT Optics.

Full white papers, capability briefs, product one-pagers, and test reports available on request.

DIRECT CONTACT

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