GT OPTICS, INC.

ELECTROMAGNETIC PROTECTION TECHNOLOGIES

Strategic Plan

Annual Operating Plan & Long Range Plan

12-Month AOP · Five-Year LRP

PREPARED BY

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Executive Leadership

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CLASSIFICATION

Proprietary & Confidential

Commercial Applications

COMPANION DOCUMENT

Use of Funds & 12-Month Operating Budget

NOTICE

Confidentiality & Use

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This document constitutes the Company's Annual Operating Plan (AOP) for the next twelve months and its Long Range Plan (LRP) five-year outlook. Certain statements herein constitute forward-looking statements based on the Company's current beliefs, plans, and expectations. Forward-looking statements involve risks and uncertainties that may cause actual results to differ materially, and speak only as of the date of this document.

SecureWrap® is a trademark used by GT Optics, Inc. GT Optics develops Patented Technology in nanostructure, micro-optics, micro-mirror, and plasmonics, and holds a provisional patent on the Micro-Facet Lightweight EMI Shielding Film and Coatings, filed February 18, 2025. Independent shielding-effectiveness testing referenced herein was conducted by Keystone Compliance | Applus+ Keystone EMC Laboratory under ASTM D4935-10 and is documented in Report 2511-235E Rev. A (January 2026).

CONTENTS

Table of Contents

SECTION 1

Company Overview

GT Optics specializes in advanced electromagnetic interference (EMI) shielding and electromagnetic protection technologies, leveraging proprietary micro-lens and micro-mirror film architectures to safeguard critical infrastructure, secure facilities, next-generation air and ground platforms, and mission-critical electronic systems. The Company's flagship solution, SecureWrap®, is a validated, commercially manufactured lightweight electromagnetic shielding system designed to protect critical infrastructure from EMI, high-power microwave (HPM) attacks, RF exploitation, directed energy exposure, laser targeting, and other emerging physical-layer and electronic warfare threats.

SecureWrap® is available as a flexible shielding film for retrofit applications, with shielding performance tailored to the electromagnetic threat profile and operational requirements of each environment. The solution is engineered to protect five critical domains: Data Centers, Sensitive Compartmented Information Facilities (SCIFs), Computer Systems and Electronic Components, Air and Ground Platforms, and Critical Utility Infrastructure — including power, water, telecommunications, and fuel systems requiring enhanced HPM resilience.

By enhancing resilience against HPM and other electromagnetic threats, reducing electromagnetic vulnerabilities, and improving signal integrity, GT Optics helps organizations strengthen cybersecurity resilience, increase system availability, protect mission-critical assets, and ensure operational continuity across commercial, government, and defense environments. As cyber, electronic warfare, and directed energy threats continue to evolve, GT Optics is positioned to deliver next-generation electromagnetic shielding solutions that enhance infrastructure resilience and support the security requirements of tomorrow's connected and contested operating environments.

Company at a Glance

LEGAL ENTITY	GT Optics, Inc.
HEADQUARTERS	303 Broadway Street, Suite 104, Laguna Beach, California 92651
CONTACT	info@gtoptics.io
FLAGSHIP PRODUCT	SecureWrap® — validated, commercially manufactured lightweight electromagnetic shielding film
INDEPENDENT VALIDATION	Keystone Compliance | Applus+ Keystone EMC Laboratory · ASTM D4935-10 · Report 2511-235E Rev. A (January 2026) · peak 127.06 dB at 50 MHz · 100+ dB across 30 MHz–1.3 GHz · customizable performance between 40 dB and 100+ dB tailored to threat profile
IP POSITION	Patented Technology in nanostructure, micro-optics, micro-mirror, and plasmonics; exclusive worldwide defense and DoD-contractor field-of-use rights; own provisional patent on Micro-Facet Lightweight EMI Shielding Film and Coatings, filed February 18, 2025

PRODUCTION MODEL	Manufacturing at GT Optics facility in Denver, Colorado · sputter coating contracted to a reputable U.S. sputtering firm · independent testing through accredited third-party laboratories (Applus+ Keystone primary)
PLATFORM CONSISTENCY	One validated material · three deployment classes (fixed-facility retrofit · factory-applied modular SCIF · battlefield-deployable) · one qualification pathway

The Business Model

GT Optics operates as a vertically-integrated developer, integrator, and commercializer of electromagnetic shielding technology built on the Company's own micro-lens and micro-mirror film architectures. Manufacturing takes place at the GT Optics facility in Denver, Colorado; sputter coating of the conductive layer is contracted to a reputable U.S. sputtering firm; independent validation of shielding performance is conducted by Applus+ Keystone Compliance EMC Laboratory and extended, as required by customer engagements, through additional accredited third-party laboratories. The GT Optics engineering team retains design authority, application engineering, quality and configuration control, and customer engagement across the commercial motion.

The commercial model combines five revenue streams that scale on different timelines: direct product sales of SecureWrap® film; installed turnkey deployments where the Company oversees engineering and installation; engineering and integration services provided alongside third-party integrators; **maintenance and sustainment services** structured as multi-year contract periods of performance for reference installations that require periodic inspection or repair; and licensing revenue where SecureWrap® is embedded in OEM electronics or platforms. Sustainment is treated as a load-bearing revenue stream, not a service afterthought — it is where much of the Company's long-cycle recurring revenue is generated.

Material Platform Consistency

The same engineered film and coating system spans fixed-facility retrofit, factory-applied modular SCIFs, and battlefield-deployable units. One validated material family serves three deployment classes under one qualification pathway. That architectural coherence is what makes the platform credible to institutional buyers evaluating shielding technology for portfolios that include a server rack, a secure room, a substation cabinet, and a vehicle enclosure — each of which today typically requires a different point solution.

SECTION 2

Positioning

Value Proposition

DATA CENTERS

GT Optics enables data center operators to improve operational resilience by protecting servers, networking equipment, cable infrastructure, and critical utilities against electromagnetic interference (EMI), RF exploitation, and high-power microwave (HPM) threats. SecureWrap® provides a lightweight, retrofit-friendly alternative to conventional shielding approaches while helping reduce downtime and protect mission-critical computing infrastructure.

The commercial pull comes from two structural forces converging on the same problem. First, the AI-optimized data center buildout is producing dense compute environments where mutual EMI degrades sensor, networking, and time-sensitive compute performance in ways that legacy mitigation is heavy, expensive, and slow to retrofit. Second, physical-layer threats — high-power microwave and RF exploitation — have entered the operator threat model in a way that network-layer defense cannot address. Deployment modalities include cabinet and rack-level shielding, cable-run and penetration treatment, secure-room and network-operations-center hardening, and HPM containment for critical utility feeds. The commercial construct is retrofit-friendly and is complemented by a multi-year sustainment posture — A1-style inspection cadences and field service that convert each deployment into a durable customer relationship.

SCIFS

SecureWrap® enhances electromagnetic protection for Sensitive Compartmented Information Facilities (SCIFs) by complementing traditional secure construction with lightweight shielding that can be integrated into new facilities or retrofit into existing spaces. The technology supports efforts to reduce electromagnetic vulnerabilities and strengthen protection against RF leakage and other physical-layer threats.

SCIFs are governed by conservative electromagnetic-containment expectations set through decades of TEMPEST-adjacent practice. Traditional secure construction — multi-inch metal-clad walls, copper-foil systems, welded Faraday-cage enclosures — remains the baseline and is not going away. SecureWrap® is positioned as a complement: it lets integrators, TEMPEST engineering firms, and secure facility contractors bring shielding performance to fixed, factory-applied modular, and battlefield-deployable SCIF configurations under one qualification pathway. For mobile and modular SCIFs in particular, the sustainment construct is significant — each relocation triggers re-inspection, re-setup, and continued-conformance verification, generating recurring revenue tied to operational use of the facility.

MILITARY & DEFENSE

GT Optics provides lightweight electromagnetic shielding solutions for air, ground, maritime, and autonomous platforms that help protect mission-critical electronics from EMI, HPM, directed energy, RF exploitation, and

electronic warfare threats. SecureWrap® offers a scalable approach to electromagnetic hardening that can support platform survivability, mission assurance, and system resilience.

Air, ground, maritime, and autonomous platforms operate in an electromagnetic environment where EMI, HPM, directed energy, RF exploitation, and electronic warfare threats are simultaneously present, and where mission assurance depends on electronics that remain functional under attack. Weight and payload margin are first-order constraints on platform design, and any hardening approach that displaces heavy conventional shielding with a conformable film is disproportionately valuable relative to fixed infrastructure applications. SecureWrap® is positioned for airframe integration, ground-vehicle electronics enclosures, and unmanned system coatings. Sustainment is central to the platform commercial construct: every landing, mission cycle, or scheduled service interval is a natural inspection and re-conformance touchpoint that generates recurring service revenue alongside initial product delivery.

Primary Competitive Landscape

GT Optics competes primarily with established electromagnetic shielding technologies rather than a single direct competitor. These include:

- Copper mesh shielding systems
- Aluminum shielding products
- Conductive paints and coatings
- Conductive foils
- Conductive fabrics
- Metalized laminates
- Traditional Faraday cage construction
- Shielded rooms and modular SCIF systems
- EMI gasketing and enclosure manufacturers
- Conventional electromagnetic hardening contractors

The Company also competes indirectly with engineering firms that design secure facilities and electromagnetic protection systems. Each of the legacy categories serves an installed base where its economics work, and none of them will disappear. The commercial space GT Optics is creating is where legacy approaches are structurally uneconomical, undeployable, or unavailable — retrofit into occupied facilities, hardening at scale across distributed infrastructure, weight-sensitive platform applications, and dual-use commercial-and-defense channels where facility-grade shielded rooms are not a purchasable option.

Competitive Advantages

SecureWrap® differentiates itself through several characteristics:

- **Lightweight construction that minimizes added mass.** For aircraft, unmanned systems, and any weight-sensitive platform, displacing conventional shielding with a conformable film changes what is economically hardenable.
- **Flexible, breathable, durable, and easy to apply.** Retrofit-friendliness changes what an operator can commit to within a fiscal cycle — the alternative for many facilities is deferring hardening indefinitely because reconstruction is uneconomic.
- **Scalable deployment across facilities, vehicles, equipment, and electronic components.** A common material and installation methodology across use cases lets operators standardize their hardening posture across a portfolio.
- **Tunable shielding performance — customizable between 40 dB and 100+ dB.** Shielding does not need to be maximal everywhere; it needs to be matched to the electromagnetic threat profile of the environment, which reduces total installed cost per unit of protection delivered.
- **Potentially lower installation costs than conventional metal shielding systems.** The dominant cost of conventional shielding is often installation, not material — displacing invasive metal-clad construction with a film that adheres to interior surfaces reduces the labor and reconstruction envelope.
- **Commercial manufacturing suitable for large-scale deployment.** U.S.-domiciled production in Denver, Colorado supported by contracted U.S. sputter coating supports scaled commitments without single-source foreign supply risk.
- **Broad applicability across commercial, government, and defense markets.** Diversified segment applicability reduces single-market execution risk and lets one investment in material qualification serve multiple buyer classes.
- **Ability to protect infrastructure, computer systems, cables, utilities, and platforms using a common shielding technology.** For institutional buyers with mixed asset portfolios, a single technology capable of servicing a facility, a data center, a substation, and a vehicle is more valuable than a portfolio of point solutions.

Why GT Optics

The following characteristics are the summary set the Company leads with in customer, partner, and capital conversations:

- **Patented Technology in nanostructure, micro-optics, micro-mirror, and plasmonics.** Exclusive worldwide defense and DoD-contractor field-of-use rights, layered with GT Optics' own provisional patent on Micro-Facet Lightweight EMI Shielding Film and Coatings (filed February 18, 2025).
- **Independently validated performance.** Peak 127.06 dB at 50 MHz under ASTM D4935-10 by Keystone Compliance | Applus+ Keystone EMC Laboratory (Report 2511-235E Rev. A, January 2026); 100+ dB across 30 MHz through 1.3 GHz; customizable performance between 40 dB and 100+ dB tailored to the environment.
- **Multi-threat protection.** Engineered to address EMI/EMP, RF exploitation, laser targeting, physical-cyber intrusion vectors, and high-power microwave threats, while protecting and improving signal integrity for the systems it shields.

- **Deployable form factor.** Lightweight, easy to apply, flexible, breathable, and durable — engineered so that installation is not disqualified by weight, geometry, or facility disruption.
- **U.S.-domiciled production.** Manufacturing at the GT Optics facility in Denver, Colorado; sputter coating under contract by a reputable U.S. sputtering firm; independent testing through accredited third-party laboratories (Applus+ Keystone primary).
- **Material platform consistency.** One validated material, three deployment classes (fixed-facility retrofit, factory-applied modular SCIF, battlefield-deployable), one qualification pathway.

SECTION 3

Go-to-Market Strategy

Primary Sales Channels

The three-tier channel architecture is a sequence, not a portfolio. Tier 1 is where the plan year is executed and where the Company's own engagement produces the first commercial and defense references. Tiers 2 and 3 are activated selectively as the reference base and delivery capacity become real.

TIER 1 — DIRECT ENGAGEMENT WITH SENIOR TECHNICAL AND PROGRAM BUYERS

- Direct enterprise sales
- Federal government programs
- Prime defense contractors
- Critical infrastructure owners

TIER 2 — INTEGRATOR, EPC, AND INFRASTRUCTURE-CONSULTANT CHANNELS

- Data center integrators
- SCIF construction companies
- Engineering & architecture firms
- Infrastructure protection consultants

TIER 3 — DISTRIBUTION AND LICENSING

- Value-added distributors
- International defense distributors
- OEM licensing opportunities

Target Customers

DATA CENTERS

Hyperscale cloud providers · AI infrastructure operators · colocation providers · financial institutions · healthcare systems · telecommunications providers · energy companies · federal data centers.

SCIFS

Department of Defense · Intelligence Community · Federal civilian agencies · defense facility integrators · TEMPEST engineering firms · secure facility contractors.

MILITARY

Platform OEMs · defense electronics manufacturers · electronic warfare organizations · autonomous systems developers · Command, Control, Communications, Computers, Cyber, Intelligence, Surveillance, and Reconnaissance (C5ISR) integrators · prime defense contractors.

Marketing & Demonstrations

Highest-return marketing activities include:

- Live HPM demonstration events
- Independent laboratory validation
- Government pilot programs (SBIR, OTA, CSO, program-of-record pathways)
- Reference installations
- Technical white papers
- Industry conference presentations
- Demonstration videos

Target Industry Engagement

Rather than a fixed conference calendar, the Company organizes external engagement around industry categories in which SecureWrap® is materially relevant. Priority industry engagement categories:

- **Aerospace & Defense** — trade organizations, technical societies, and program-office forums serving prime contractors, platform OEMs, defense electronics manufacturers, and electronic-warfare communities.
- **Data Center** — hyperscale and colocation industry conferences, physical-infrastructure and reliability-engineering forums.
- **Telecommunications** — carrier-driven infrastructure and secure-communications events.
- **Critical Utility Infrastructure** — power, water, telecommunications, and fuel-infrastructure resilience forums.
- **Government & Defense Innovation** — DoD innovation organizations, SBIR/OTA/CSO showcases, national-laboratory and federally funded research organization outreach.
- **Family Offices & Institutional Capital** — dual-use defense-technology capital and family-office forums that fund the Company's growth trajectory.

SECTION 4

Business Development & Sales Pipeline

The Company maintains an active pipeline of business-development opportunities spanning the 12-Month Annual Operating Plan (AOP) horizon and the Five-Year Long Range Plan (LRP). Each opportunity is recorded with an account identifier, segment, current stage, expected timeframe, next action, and outstanding information to be confirmed. The pipeline is reviewed weekly by the business-development function, rolled up monthly to executive review, and reported quarterly and annually under the QBR and ABR governance cadence described in Section 7. Specific account identities, contract values, and near-term decision timing are held under mutual non-disclosure and shared with prospective partners and capital counterparties on request; the traction summary below is presented at the segment level appropriate to this document.

Segment Traction — Twelve-Month AOP and Longer-Cycle LRP

Data Centers. Multiple active engagements are in progress with national-scale data-center operators (including large-portfolio owner-operators with active new-build programs), multi-billion-dollar enterprise integrators serving both military and commercial data-center customers, and multinational infrastructure providers. Near-term purchase-order horizons in this segment cluster in the 60-to-180-day range. This is the segment with the shortest cycle from qualification to first pilot in the current pipeline.

SCIFs and Secure Facilities. Engagements are progressing with portable and modular SCIF manufacturers with established international operating footprints, and with defense-facility integrators tied to SCIF modernization programs. The mobile-SCIF sustainment construct — site re-setup and inspection every time a portable facility is relocated — is validated in these conversations as a load-bearing recurring-revenue line.

Military & Defense. Engagements span platform OEMs and prime contractors on defense-platform hardening, autonomous-systems developers with active MOU-in-place EMI-film testing programs, armored-vehicle manufacturers with near-term purchase-order horizons, unmanned aerial and surface system programs, and SOCOM PEO-track engagements. A U.S. government test-and-evaluation opportunity sourced through international defense events (Eurosatory) is progressing toward first purchase order in the near-term horizon. Multiple engagements are technical-whitepaper-gated as a precondition to advancing to the next stage.

Critical Utility and Government Research. Direct-CEO engagements in the critical-utility segment (fuel, industrial equipment, and pipeline resilience) and DARPA / defense-research organization engagements are progressing on longer research-cycle timeframes appropriate to the LRP horizon.

Pipeline Data-Confirmation Matrix

For each active opportunity, the business-development function tracks: (a) confirmed account name; (b) primary point of contact and title; (c) GTM segment; (d) current stage (Introduction, Qualified, Evaluation, Pilot, Proposal, Verbal Commitment, Contracted); (e) estimated opportunity value (one-time and recurring, if applicable); (f)

expected decision timeframe (This Quarter, Second Half, Within 12 Months, or Longer); (g) next planned action; and (h) any obstacles or assistance required from executive leadership. Values are updated on the standard weekly business-development review cadence and rolled up to monthly executive and quarterly business reports.

Strategic Growth Campaigns — Mission Integrated Solutions (MIS)

Above the account-level pipeline, the Company organizes revenue creation around Mission Integrated Solutions (MIS) — programs that combine SecureWrap® deployment with engineering, integration, and multi-year sustainment across customer operating environments. MIS programs are structured across three markets:

- **Defense.** Prime-contractor teaming, DoD program-of-record participation, SOCOM and service-branch platform hardening, defense-facility SCIF modernization, and platform-OEM integration.
- **Commercial.** Hyperscale and AI data-center deployments, colocation and enterprise-facility hardening, telecommunications infrastructure protection, and critical-utility resilience programs.
- **International.** Allied defense and secure-facility engagements executed through appropriate export-control and international-defense-distribution channels.

Each MIS program is scoped as a campaign with a rolled-up revenue opportunity — for example, a campaign framing an addressable contract value of $3B across a set of named accounts and their downstream expansions is planned at a disciplined close rate (a 10% close scenario yields $300M of realized revenue against that campaign envelope). Campaign envelopes are reviewed quarterly and rolled up into the Annual Business Report.

SECTION 5

Pricing Strategy

Because SecureWrap® is a performance technology rather than a commodity material, pricing emphasizes delivered value rather than cost per square foot. Pricing conversations are anchored to the value delivered — resilience obtained, downtime avoided, weight saved, retrofit cost reduced, and continued conformance sustained over multi-year contract periods — not to the unit cost of the material.

Balanced Revenue Model

A balanced revenue model includes seven lines that scale on different timelines. Maintenance and sustainment services are a load-bearing component of this model rather than a service afterthought — they are where the Company generates the majority of its long-cycle recurring revenue.

- **Product sales (film and shielding materials)** — the base-case commercial construct for buyers integrating SecureWrap® into installations they are managing themselves.
- **Installed turnkey solutions** — Company-managed engineering, delivery, and installation for customers requiring a completed hardening outcome rather than a material purchase.
- **Engineering design services** — pre-installation electromagnetic engineering, shielding-effectiveness analysis, and integration-planning support billed as engineering time.
- **System integration** — Company participation as a technical integrator alongside Tier 2 partners on complex facility or platform projects.
- **Validation and testing** — application-specific test coverage delivered to customers who require additional test data beyond the material-level baseline.
- **Maintenance and sustainment services** — recurring revenue for reference installations that require periodic inspection, re-conformance verification, or repair. Structured as multi-year Contract Periods of Performance (typically 1–5 years) tied to customer operating tempo.
- **Licensing opportunities for OEM integration** — the highest-margin construct, applicable where SecureWrap® is embedded in an OEM electronic system, platform, or subsystem at scale.

Sustainment Services & Contract Periods of Performance

Sustainment is a distinct and durable revenue stream tied to how each customer actually operates the shielded asset. Every deployment is scoped with a multi-year Contract Period of Performance under which the Company delivers recurring inspection, re-conformance verification, and repair. Concrete examples of the sustainment construct by segment:

- **Mobile and modular SCIFs.** Each time the customer relocates the facility, GT Optics re-establishes the shielded envelope, inspects conformance, performs maintenance, and re-certifies the deployment.

- **Data centers.** Recurring inspection cadences — A1-style periodic inspection intervals — verify continued shielding conformance across cabinets, cable runs, and secure-room boundaries as the facility evolves.
- **Critical utility infrastructure.** Substation and control-room shielding is maintained on scheduled inspection intervals aligned with the utility owner-operator's own maintenance program.
- **Air and autonomous platforms.** Every landing or scheduled maintenance interval is a natural check-out and re-conformance touchpoint for coated airframes, drone enclosures, and vehicle electronics.

Sustainment is delivered by a dedicated **Field & Inspection Team** that visits customer sites to inspect, diagnose, quote required work, and execute repair — the same team that answers a customer's "is our shielding still performing?" question in the field with an authoritative response and a quote.

Deal-Shape Examples

Four deal shapes illustrate how the seven revenue lines combine in practice.

Hyperscale data center pilot

Typically combines product sales for the material with engineering design services for pre-installation electromagnetic planning support and, depending on operator preference, installation supervision as an engineering-services deliverable. A multi-year sustainment agreement is scoped alongside the pilot so that renewal and expansion are contractually contemplated from the first installation.

SCIF modernization or new-build integration

Combines product sales, engineering design services, and system integration alongside the secure-facility contractor. For mobile or modular SCIFs, a per-relocation sustainment schedule is structured as a Contract Period of Performance so that each future move triggers a scoped re-inspection and re-setup engagement.

Platform OEM engagement

May begin as an engineering-services engagement for evaluation-unit fabrication and testing, transition to a product-sale relationship at low initial volume, and — when integration is deep enough to warrant it — convert to a licensing construct where royalty or per-unit fees replace unit-sale margin at higher scale.

Autonomous / UAS deployment (sustainment-heavy)

Combines product sales for coated components with a Contract Period of Performance covering post-flight and scheduled-maintenance inspection cycles. Where volume warrants, the Company deploys a field-service presence adjacent to the customer's operating base.

Pricing Governance

Deal-desk practices, discount-authority limits, and unit-economics discipline scale with revenue. In the plan year, pricing is set on an opportunity-by-opportunity basis under executive review, with a light-touch pricing framework applied consistently across similar customer types. As pipeline scales, deal-desk formalization is an operating priority documented in Section 7.

SECTION 6

Revenue Outlook

The strategic objective is to establish commercial traction across all three primary markets — Defense, Commercial, and International — while recognizing that defense procurement cycles are generally longer than commercial sales cycles.

Illustrative Revenue Mix

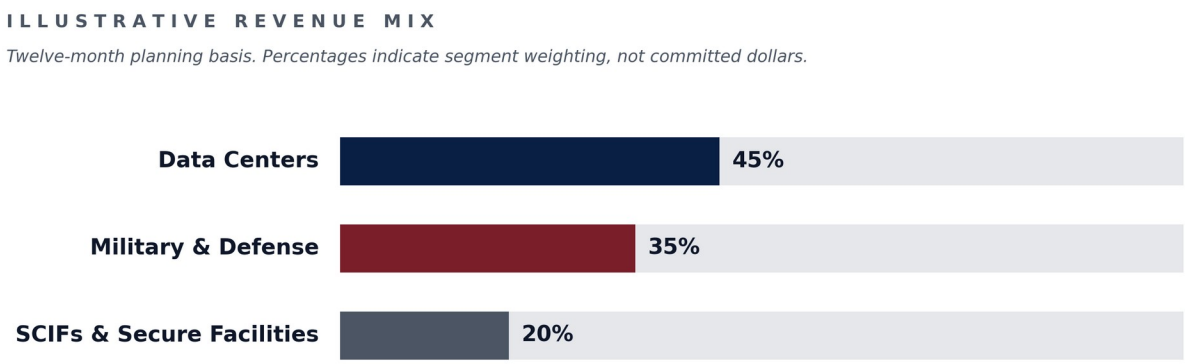

Figure 6.1 — Illustrative twelve-month revenue mix. Weighting, not committed dollars.

The 45% / 35% / 20% mix reflects underlying cycle dynamics rather than a target the Company is required to hit. Data centers are weighted highest because the cycle from qualified opportunity to first-pilot deployment is the shortest in the pipeline and because pipeline momentum in the segment is measurable across an active portfolio of hyperscale, enterprise, and multinational data-center engagements. Military and defense is weighted second because deal sizes are largest and the pipeline is broadest across platform OEMs, prime contractors, and autonomous-systems developers. SCIF is weighted third because SCIF procurement operates on federal cycles longer than the twelve-month AOP horizon; SCIF traction is measured in named modernization efforts entered and in mobile-SCIF sustainment relationships rather than in revenue booked within the plan year.

Campaign-Level Revenue Opportunity

In addition to the named-account pipeline, the Company measures revenue potential at the campaign level. Each Mission Integrated Solutions (MIS) campaign is scoped with an addressable contract value and a disciplined close-rate assumption, producing a realized-revenue envelope that rolls up into the QBR and ABR governance reports. Illustrative campaign framing: an addressable contract value of $3B across a set of named accounts and their downstream expansions, with a 10% close scenario producing $300M of realized revenue against that campaign envelope. Campaign envelopes are reviewed quarterly and updated based on actual pipeline conversion.

Potential Anchor Opportunities

High-impact projects the Company is actively targeting:

- **Pilot deployment with a hyperscale or AI-focused data center operator.** The highest-priority Data Center anchor — a named reference here shortens the sales cycle for the hyperscale, AI-operator, financial, and telecommunications customer types.
- **SecureWrap® integration into a new SCIF or SCIF modernization effort.** Converts the SCIF segment from a laboratory-validated capability into a facility-level qualification precedent that integrators, TEMPEST engineering firms, and accrediting authorities can cite.
- **Evaluation by a defense platform OEM.** Any conversion from evaluation to platform integration establishes the qualification pathway other OEMs will follow.
- **Demonstration on an autonomous ground or aerial platform.** UAS, USV, and UGV manufacturers face acute weight, EW, and RF-exploitation constraints — a demonstration on a fielded platform is a highly credible qualification vehicle for adjacent platforms.
- **Utility infrastructure resilience pilot.** Distributed critical infrastructure (power, water, telecom, fuel) is the highest-consequence, lowest-hardened segment — a single-facility pilot creates the reference model for sector-by-sector expansion.
- **Government-funded technology demonstration or research project.** SBIR, OTA, CSO, and program-of-record demonstration vehicles provide non-dilutive capital, defense credentialing, and the opportunity to convert to follow-on procurement.

SECTION 7

12-Month Annual Operating Plan (AOP)

Business Milestones

The ten milestones below are the operating spine of the plan year. Each is stated with the quarter targeted for completion and the gating condition that establishes it as complete.

MILESTONE	TARGET QUARTER	GATING CONDITION
Complete extended third-party performance validation	Q3 2026	Applus+ Keystone Report 2511-235E Rev. A (January 2026) is the foundational validation; extension of coverage in the plan year is scoped in the companion Use of Funds & Operating Budget.
Publish technical performance data	Q3–Q4 2026	Convert validated results into technical white papers and capability materials that pipeline accounts require to advance. Multiple active engagements are whitepaper-gated as a precondition to advancing.
Extend and secure intellectual property position	Q3 2026	Advance the Micro-Facet Lightweight EMI Shielding Film and Coatings provisional patent within the twelve-month priority window from February 18, 2025.
Launch SecureWrap® commercially	Q3–Q4 2026	Transition to a product formally available for order, quote, and delivery under the balanced revenue model, including the sustainment-services line.
Complete first enterprise deployment	Q4 2026 – Q1 2027	An active engagement with one of the Company's hyperscale, enterprise, or multinational data-center prospects is targeted as the first commercial reference deployment.
Win first government contract	Q1–Q2 2027	Active government engagements sourced through international defense events, prime-contractor SOCOM PEO tracks, and DoD research organizations represent the highest-payoff pathways to first federal contract.
Establish manufacturing scalability	Q4 2026 – Q2 2027	Denver production and contracted sputter model optimized for run-rate scalability during the plan year.
Develop certified installation procedures	Q4 2026 – Q1 2027	Convert installation from ad-hoc engineering into a repeatable, documented, qualified procedure library, including sustainment inspection procedures for the Field & Inspection Team.

Create standardized engineering specifications	Q4 2026 – Q1 2027	Standardized specifications for the primary application classes (UAS airframe, radome, SCIF wall/penetration, data-center cabinet and cable-run configurations).
Build a qualified partner network	Ongoing	Defense primes, integrators, EPC firms, TEMPEST engineering firms, national labs, and academic partners engaged along the taxonomy in Section 9.

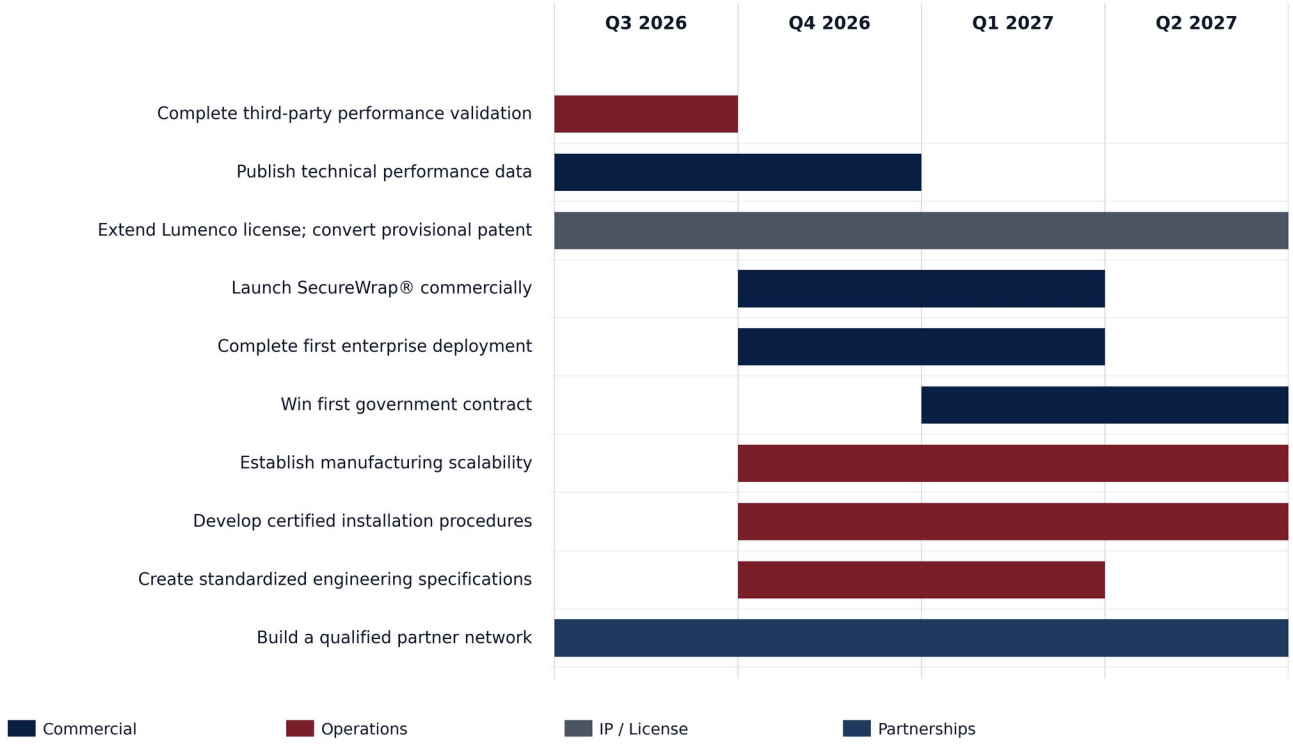

Figure 7.1 — Twelve-month milestone roadmap by owner track.

Organizational Priorities — Recommended Hires

The recommended hires below are the operating team GT Optics needs to execute the AOP. Each is described with its focus and the mandate expected in the first 90 days.

Vice President of Business Development

Owner of the segment pipeline. First 90 days: assume ownership of the full active pipeline; establish weekly review cadence; convert three top-of-funnel accounts to structured evaluation.

Director of Government Programs

Owner of federal engagement across DoD, IC, DARPA, and government-vehicle pathways (SBIR/OTA/CSO/PoR). First 90 days: government-contracting readiness posture (GSA, IDIQs identified, SBIR/OTA proposal pipeline).

Defense Account Executive

Owner of quota-carrying platform-OEM and prime-contractor engagement. First 90 days: convert the top four defense-platform and armored-vehicle engagements in the pipeline to defined next-step pilots.

Data Center Sales Director

Owner of the hyperscale, AI-operator, colocation, and enterprise DC pipeline. First 90 days: convert the top four data-center engagements in the pipeline to next-step pilots.

Applications Engineer

Owner of technical translation from validated material to deployable configuration. First 90 days: standardized installation procedures for UAS, radome, and SCIF wall configurations; support two active technical evaluations.

Manufacturing & Supply Chain Manager

Owner of the Denver production operation, contracted sputter partnership, and supply-chain resilience. First 90 days: dual-source qualification where feasible; supplier qualification cadence in place; inventory buffer posture established.

Proposal / Contracts Manager

Owner of proposal quality, contracts review, and government-contracting compliance operations. First 90 days: template library, contract review workflow, and compliance filing calendar in place.

Marketing & Technical Communications Lead

Owner of the technical white paper program supporting whitepaper-gated pipeline advancement, demonstration video assets, industry-engagement calendar, and PR/analyst engagement. First 90 days: SCIF, Data Center, and Military technical white papers finalized and distribution-ready.

Field & Inspection Team Lead

Owner of the sustainment-services delivery model. First 90 days: define the inspection protocol library, the Contract-Period-of-Performance scoping methodology, and the field-service dispatch model that will serve mobile SCIF, data-center, utility, and platform customers.

Operational Priorities

Key operational initiatives include:

- **Robust quality management processes** — a documented QMS built during the plan year, positioning the Company for ISO 9001 posture as a roadmap item.
- **Supply chain resilience** — dual-sourcing where feasible; supplier qualification cadence; buffer inventory posture; U.S.-content discipline for government-facing engagements.
- **Independent product testing and certification** — extend the validation evidence base beyond the current material-level result to include environmental, install-configuration, and deployment-context testing.
- **Manufacturing scalability** — Denver production and contracted sputter cadence that supports scaled customer commitments.
- **Configuration management** — engineering change control, document control, and revision governance for the growing library of engineering specifications and installation procedures.
- **Cybersecurity practices appropriate for government contracting** — CMMC-adjacent readiness posture; SPRS score improvement; secure-IT hygiene; ITAR/EAR readiness.
- **Product documentation and installation standards** — engineering specification library, installation procedure library, warranty and field-support process design.

- **Sustainment operations** — Field & Inspection Team dispatch model, inspection procedure library, Contract-Period-of-Performance scoping and pricing methodology.

Governance & Operating Cadence

The plan is managed on a five-tier cadence with formal reporting artifacts at the quarterly and annual boundaries:

- **Weekly business-development reviews** — pipeline-stage movement and deliverable blockers across the fourteen-opportunity pipeline.
- **Monthly operations reviews** — milestone progress, manufacturing and supply-chain execution, quality and configuration control, and KPI performance.
- **Quarterly Business Report (QBR)** — formal quarterly report covering pipeline conversion, campaign envelope progress, milestone status, financial performance against the companion Use of Funds & Operating Budget, and any re-sequencing decisions.
- **Annual Business Report (ABR)** — formal annual report rolling up the four QBRs into a plan-year retrospective, an updated LRP outlook, and the next-year AOP.
- **Board and Advisor Reviews** — chaired by executive leadership, informed by the QBR/ABR artifacts and the companion Use of Funds & Operating Budget.

SECTION 8

Five-Year Long Range Plan (LRP)

The Long Range Plan (LRP) frames the Company's five-year commercial and operational outlook — a planning horizon rather than a forecast. The LRP is refreshed annually as part of the ABR cycle. Its purpose is to keep the AOP grounded in a durable strategic direction and to ensure that current-year decisions serve multi-year outcomes.

LRP Themes

The Five-Year LRP is organized around five themes that connect the AOP to the multi-year outcome:

- **Reference-installation flywheel.** First deployments in each segment (Data Centers, SCIFs, Military & Defense) convert to category-level pull that shortens the sales cycle for subsequent accounts. The LRP horizon is where the flywheel produces its compounding effect.
- **Sustainment as recurring revenue.** Every AOP deployment is scoped with a multi-year Contract Period of Performance, so the recurring-revenue base grows in parallel with new deployments. Over the LRP horizon, sustainment becomes a durable share of Company revenue.
- **MIS campaign scale-out.** The three-market MIS architecture (Defense, Commercial, International) matures across the LRP: Defense converts multi-quarter procurement cycles to programs of record; Commercial scales through hyperscale and enterprise references; International activates as the export-control and defense-distribution posture is established.
- **Manufacturing capacity expansion.** The Denver production model scales through the AOP with contracted sputter coating. Over the LRP horizon, the Company evaluates internalizing additional production steps as unit economics and demand warrant — a decision framework scoped in the companion Use of Funds & Operating Budget.
- **IP position deepening.** The provisional patent on Micro-Facet Lightweight EMI Shielding Film and Coatings advances through non-provisional and PCT filings and is layered with application-specific improvement patents in the segments where the Company deploys.

LRP Governance

The LRP is reviewed annually as part of the Annual Business Report (ABR), with material updates documented in a formally re-issued version of this document. Quarterly Business Reports (QBRs) surface any signals that would materially change the LRP outlook before the annual refresh — for example, a converted campaign envelope or a shift in customer-segment cycle dynamics.

SECTION 9

Strategic Partnerships

Priority Industry Partners

DEFENSE & AEROSPACE

- Prime defense contractors
- Electronic warfare system integrators
- Secure communications providers
- Military vehicle and aircraft OEMs

Primes are engaged as teaming partners on specific program opportunities. Electronic warfare system integrators and secure communications providers are engaged as technical partners where SecureWrap® is a component of a larger integrated system. Military vehicle and aircraft OEMs are engaged first as evaluation partners, transitioning to integrated-product agreements or licensing constructs depending on integration depth.

DATA CENTERS

- Data center developers
- Engineering, procurement, and construction (EPC) firms
- Mission-critical infrastructure providers
- Rack, enclosure, and server manufacturers
- Critical power equipment suppliers

Data-center partnerships are commercial channels — developers and EPC firms are engaged as specification and installation partners; rack, enclosure, and server OEMs are engaged as integration partners where SecureWrap® can be pre-applied at manufacture, avoiding field-installation cost entirely.

GOVERNMENT & RESEARCH

- Defense innovation organizations
- National laboratories
- Critical infrastructure agencies
- Electromagnetic research centers
- Federally funded research organizations

Government and research partnerships serve three purposes: non-dilutive R&D funding through SBIR/OTA/CSO vehicles; defense credentialing through structured relationships with innovation organizations and national labs; and technical validation through independent testing programs at research centers with expertise not available at commercial laboratories.

ACADEMIC INSTITUTIONS

Universities specializing in:

- Electromagnetics
- Materials science
- RF engineering
- Directed energy
- Advanced manufacturing
- Electronic warfare

Academic partnerships are structured as sponsored research where a program tie is warranted, and as advisory relationships where it is not. They contribute talent pipeline, frontier technical advisory, and independent research supporting customer-facing dialogue.

Co-Development Opportunities

- Data center reference architectures incorporating electromagnetic protection.
- Lightweight shielding solutions for aircraft and autonomous platforms.
- Shielded enclosures for AI computing and high-performance servers.
- Utility infrastructure hardening systems.
- Next-generation SCIF construction technologies.
- Integrated shielding solutions for OEM electronics and embedded systems.
- Advanced materials for directed energy and HPM resilience.
- Digital design tools that model electromagnetic risk and optimize shielding deployment.

The commercial construct is NRE-funded co-development where the partner underwrites part or all of the engineering work in exchange for exclusivity within their vertical, followed by joint IP ownership scoped to that vertical and a supply-and-services relationship going forward. This structure pushes application-development cost to partners with the greatest interest in a specific outcome, preserving the Company's own capital for the core technology and business.

SECTION 10

Strategic Objective

Over the next 12 months, GT Optics will focus on establishing SecureWrap® as a differentiated electromagnetic protection platform for critical infrastructure, secure facilities, and defense applications. Success will depend on validating performance through independent testing, securing high-profile reference deployments, building partnerships across government and industry, and developing a scalable commercial model that combines product sales, engineering and integration services, and multi-year sustainment. This approach positions the Company for sustained growth in markets where resilience against electromagnetic and physical-layer threats is becoming an increasingly important operational requirement.

Success at twelve months is defined by six conjunctive conditions: independent third-party validation extended and published; own Micro-Facet provisional patent converted; a completed first enterprise deployment; a first government contract in hand; a qualified partner network in place across the four categories described in Section 9; and a book of multi-year sustainment Contract Periods of Performance tied to those deployments. When those conditions are simultaneously true, the Five-Year LRP acceleration case becomes an execution question rather than a validation question.

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