



"Powering semiconductor excellence"

Beyond Distribution...

We prevent supply chain disruption

MANUFACTURING SUPPLY CHAIN LLC (MSC)

We are building an **Intelligent Market Access Platform** for Advanced Semiconductor Manufacturing and R&D Technologies. This will prevent supply chain disruption.

AI-Driven Commercialization

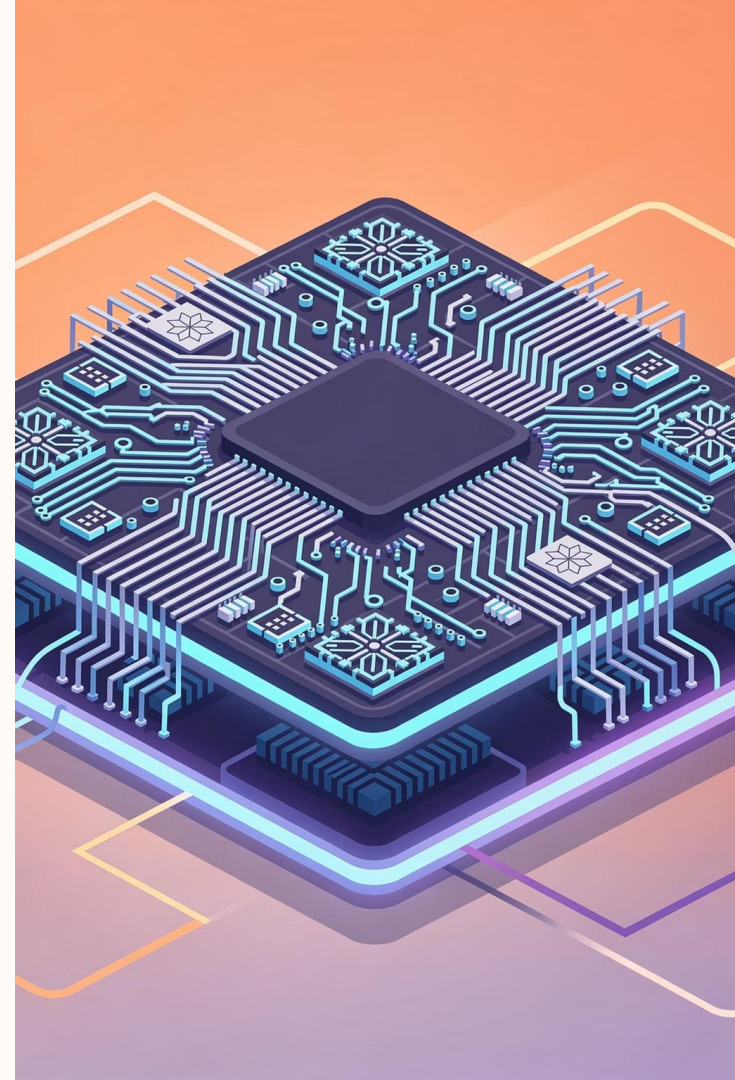
Intelligence-first approach to market development

Semiconductor Ecosystems

Advanced knowledge of the full innovation stack

Industry 5.0 Infrastructure

Aligned with next-generation manufacturing





A New Category of Partnership

EXECUTIVE POSITIONING

MSC is **not a traditional distributor** — we are a Strategic Commercialization and Market Development Platform.

The Status Quo

Traditional distributors focus on logistics, order fulfillment, and transactions. They are reactive, catalog-driven, and relationship-fragmented.

The MSC Difference

MSC functions as a **Strategic Commercialization and Market Development Platform** — accelerating market penetration through intelligence-driven commercialization.

The MSC Advantage

INTELLIGENT INFRASTRUCTURE FOR SEMICONDUCTOR TECHNOLOGIES

Capability	Strategic Impact
Semiconductor Process Expertise	Technical credibility with fabs & researchers
AI-Driven Sales Enablement	Faster discovery & higher win rates
Strategic Ecosystem Access	Penetration into fabs, labs & universities
Predictive Supply Chain Intelligence	Better forecasting & risk visibility
Industry 5.0 Positioning	Alignment with next-gen manufacturing

“We prevent supply chain disruption”

Semiconductor-Native Expertise

TECHNICAL SALES DIFFERENTIATION



The Language of the fab

We speak directly to process engineers, device physicists, and fab operations teams — bridging the gap between technology and commercial outcomes.



Leadership Pedigree

Led by **Saurabh Mookerjea, Ph.D.**, with deep experience at Tier1 Semiconductor Companies — credibility that opens doors.



Technical Depth

We understand yield sensitivity, contamination risks, and reliability requirements — enabling consultative selling at the highest level.



AI-Driven Market Development

PRECISION CUSTOMER DISCOVERY



How We Identify Opportunities

We track fab expansions, CapEx trends, patent activity, and government funding to surface high-value targets before competitors.



Strategic Outputs

Identification of high-probability customers and underserved technical segments with precision scoring.



The Result

Faster market penetration with significantly higher targeting precision and reduced cost of acquisition.

Modern Digital Marketing

AI-ENHANCED ENGAGEMENT INFRASTRUCTURE

AI-Assisted Outreach

Intelligent targeting and personalized messaging at scale across the semiconductor ecosystem.



Account-Based Marketing

Precision campaigns tailored to specific fabs, labs, and decision-makers within target organizations.

LinkedIn Ecosystem Targeting

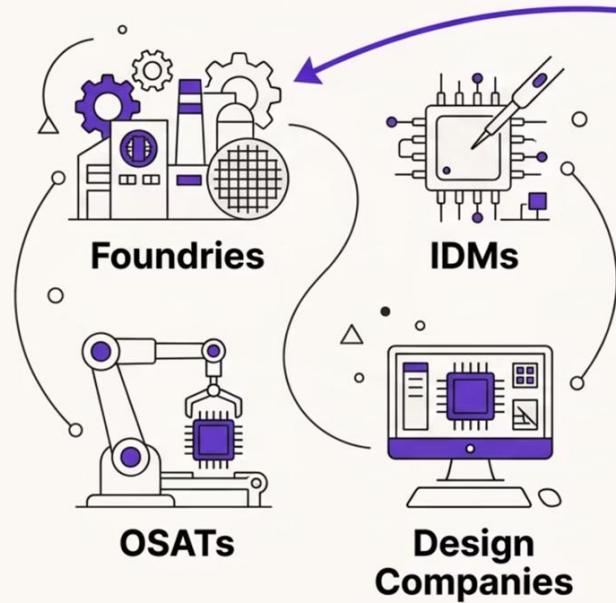
Proactive identification, education, and nurturing of markets — we don't wait for inbound demand.



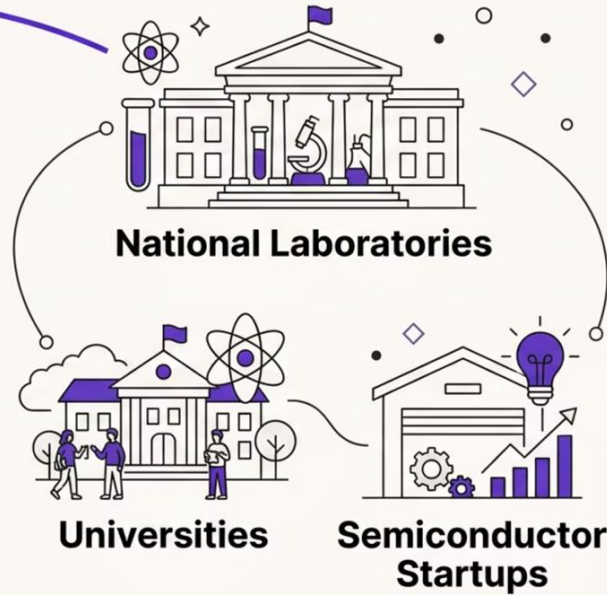
Ecosystem Penetration Strategy

ACCESSING THE FULL INNOVATION STACK

COMMERCIAL TARGETS



RESEARCH ECOSYSTEMS



Supply Chain Intelligence Layer

PREDICTIVE ANALYTICS & RISK MITIGATION



→ Predictive Systems

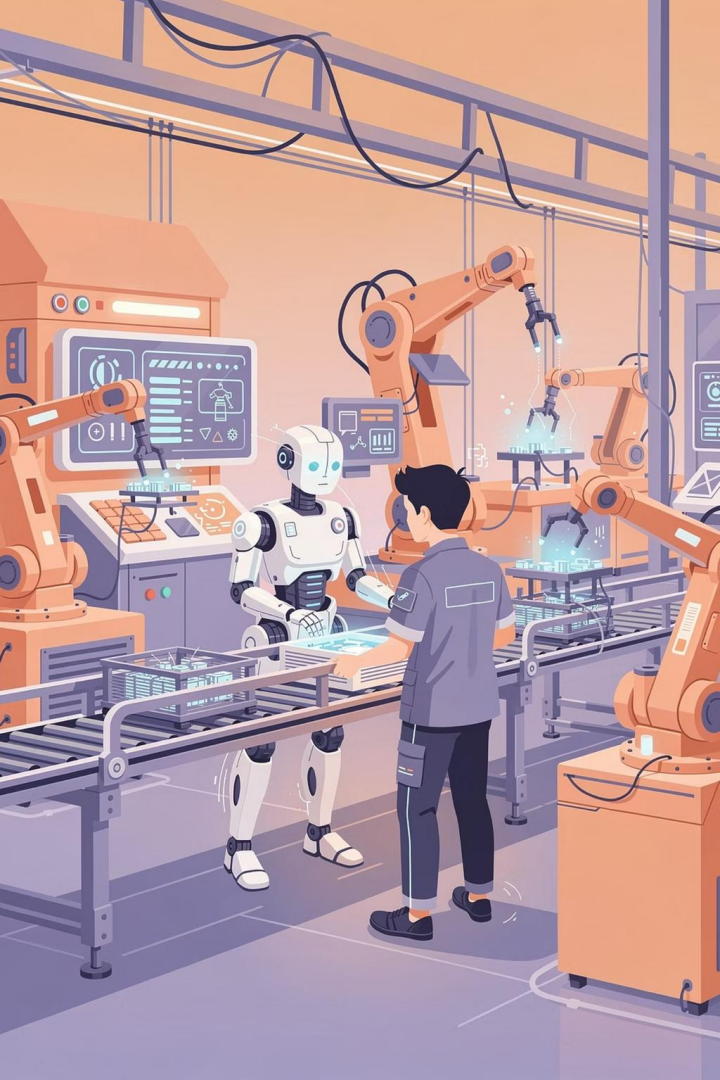
Identifying raw material risks, geopolitical exposure, and sourcing bottlenecks before they impact operations.

→ Strategic Advantage

Smarter inventory positioning and proactive engagement with suppliers and customers alike.

→ The Vision

Evolving into an **intelligent commerce platform** — not a simple reseller — with data at the core of every decision.



Industry 5.0 Positioning

ALIGNING WITH THE FUTURE OF MANUFACTURING

MSC is well positioned at the **convergence of AI, Robotics, and Semiconductors** to prevent supply chain disruption — the defining intersection of the next industrial era.



Humanoid Robotics

Enabling the next wave of intelligent physical systems



Autonomous Material Handling

Smart logistics within advanced manufacturing environments



Cleanroom Automation

Precision robotics for contamination-sensitive environments



Your products become part of the next-generation intelligent infrastructure — not just a line item in a catalog.

Strategic Geographic Expansion

U.S., EUROPE, INDIA, AND ASEAN GROWTH

India Opportunity

Leveraging semiconductor reshoring and government-backed manufacturing initiatives to access one of the world's fastest-growing chip ecosystems.

Partner Benefit

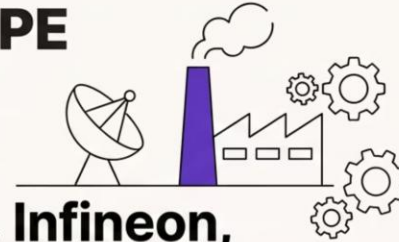
Access rapidly expanding ecosystems in ASEAN, Europe, and beyond — **without building a large local organization**. MSC provides the on-the-ground intelligence and relationships you need to win.

UNITED STATES



established ecosystem

EUROPE



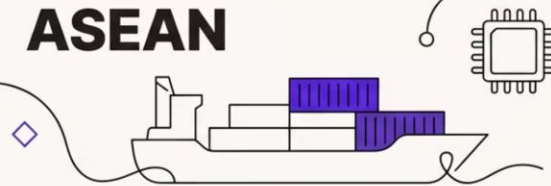
ASML, Infineon, STMicro ecosystem

INDIA



government reshoring, new fab investments, growing R&D

ASEAN



TSMC expansion, OSATs, packaging hubs

Partnership Opportunity

BUILDING THE FUTURE INFRASTRUCTURE OF SEMICONDUCTOR COMMERCE

Future winners won't just sell products — they will build and sell **intelligent commercial ecosystems**.

The MSC Vision

To be the semiconductor industry's intelligent commercialization engine — combining technical depth, AI-driven insights, and ecosystem access.

Why Partner with MSC

Gain access to a platform built for the complexity of advanced semiconductor markets — not adapted from a generic distribution model.

Contact

Saurabh Mookerjee, Ph.D.

Founder & CEO

Manufacturing Supply Chain LLC

sam@mansupplychain.com

Platform: www.mansupplychain.com

