

ADVANCED MANUFACTURING COSTA RICA A STRATEGIC NEARSHORE PARTNER FOR YOUR ADVANCED MANUFACTURING PROJECTS

EXECUTIVE SUMMARY



With more than **50 years of experience** and accrued knowledge in advanced manufacturing, Costa Rica has become a key contributor in the industry.

Driven by this experience, **Costa Rica is leader in production process sophistication** in Latin America, displaying a diverse and concerted supply chain, strong cost reduction programs and a broad capacity for problem solving, design for manufacturing, prototyping and R&D.

Companies that see Costa Rica's as a partner leverage the benefits from this highly developed ecosystem that has taken shape over the last decades in the country, from multinational OEMs to Tier III, **finding available and certified contract manufacturer facilities**, dedicated teams and the possibility to subcontract manufacturing installations.

All these conditions have helped in Costa Rica being recognition as a nearshore hub for the **development of advanced manufacturing projects in the region.**

CERTIFICATIONS

Quality and safety certifications are embedded in Costa Rican manufacturing processes, **complying with internationally recognized standards.**



PROCOMER, YOUR BUSINESS PARTNER IN COSTA RICA

We are responsible for promoting the export of Costa Rican goods and services to the world. We simplify and facilitate processes to satisfy the needs of international buyers with an ample and diverse offer through lasting commercial relationships.

For more information, visit www.procomer.com

ADVANCED MANUFACTURING CAPABILITIES MATRIX

		Medical Devices	Aerospace	Industrial
Machining	CNC Machinig	X	X	X
	Welding	X	X	X
	Laser Cutting	X	X	X
	WEDM	X	X	X
	Plasma Cutting	X	X	X
	Micromachining	X	X	X
	Machinery Design	X	X	X
Electronic/Mechanical Assemblies	PCB Assembly	X	X	X
	Box Build	X	X	X
	Cables	X	X	X
	Thermocouples	X	X	X
	Connectors	X	X	X
	RTD, Sensors, Heaters, Heat Flux	X	X	X
	Winding Assay	X	X	X
	Switches	X	X	X
	Conformal Coating	X	X	X
Finishing	Anodizing	X	X	X
	Passivation	X	X	X
	Heat Treatment	X	X	X
	Parylene Coating	X	X	X
	Electro Polishing	X	X	X
	Electroless Nickel	X	X	X
	Chromate	X	X	X
	Cooper	X	X	X
	Corrosion Testing	X	X	X
	Powder	X	X	X
Molding	Injection Molding	X	X	X
	Insert Molding	X	X	X
	Extrusion	X	X	X
	Thermoformed	X	X	X
	Silicone & Rubber Molding	X	X	X
Research and Development	Prototyping	X	X	X
	Clinical Trials	X	X	X
	New Product Development	X	X	X
	New Product implementation	X	X	X

WE SERVE OEM DIRECT AND SUPPLIERS FROM TIER 1 TO 3

MEDICAL DEVICES:

The country has evolved over the years from **producing Class I to Class III medical devices** including aesthetics, cardiovascular, dental, endoscopy, medication delivery systems, neuro-endovascular, neuromodulation, optics, orthopedics/sport medicine/ENT & surgical/diagnostics components. It's currently serving markets in America, Europe, Asia and Oceania. Costa Rica is now the second **largest exporter of medical devices** in Latin America and among the top seven suppliers to the US market.

Costa Rica has emerged as a leading location globally, outside of Europe, for MedTech investment, attracting more than 50 projects over the past 10 years. The country has ranked among the top 10 best destinations for OEMs for medical devices by renown sources including the Medtech Report by Oxford Intelligence.

Supplying the most important medical devices OEMs on the globe: Medtronic, Phillips, Baxter, ICU Medical, Abbott, Hologic, Boston Scientific, CooperSurgical, Smith & Nephew, Edwards and CooperVision.

BUSINESS MODELS:

- Strong cost reductions programs
- MD Contract Manufacturer facilities available (ISO class 8 certified)
- Dedicated teams and medical device shelters
- Capacity for prototyping and R&D
- Diverse and concentrated supply chain
- Nearshore hub for development

AEROSPACE:

Costa Rica Aerospace industry is a proven ecosystem of manufacturing providers **offering high value and stability services** from a nearshore location to the US. Among several things, **Costa Rica is an R&D hub for AdAstraRocket and VASIMR** (Variable Specific Impulse MagnetoplasmRocket) a technology for advanced rocket propulsion.

The country has a developed and solid local aerospace cluster with more than 25 years supplying to OEMs tier 1 to tier 3, **experienced based in MRO** with more than 50 years of operation.

This aerospace cluster groups 30+ companies, characterized by a strong alliance among public and private sector with the academia, enforced by the country to meet the industry's needs.

Costa Rica aerospace industry mainly focused in electromechanical systems for various critical and non-critical structures, **development and testing of embedded software under the highest standards and certifications.**

INDUSTRIAL:

Costa Rica is a one stop-shop for industrial projects that required experienced capabilities and precision standards. **The country fosters projects from idea to conceptualization and production.**

STREIGHTENS

VX-CR

DESIGN

From industry-shifting strategies, to award-winning products from nano machining to plasma product development.

MANUFACTURING

Costa Rica leads stable manufacturing processes, sustaining high CPK standards and strong quality control management systems. Our niche resides in low volume-high mix projects.

ENGINEERING

Costa Rica harnesses each engineering discipline to run efficient problem-solving methodologies and cost reduction programs

HOW DO WE EXCEED EXPECTATIONS?



One-stop shop

Because of the highly qualified companies in the industry and the established productive linkages, Costa Rica provides a complete solution for international business partners that require diverse products and services for their multiple needs, reducing processes and costs.



Quality control

Our companies comply with highly technical and demanding certifications, including AS9100, ISO 9001, ISO 13485, ISO 17025, ISO 14001, ISO/TS 16949, NADCAP, J-STD-001, FAA, EASA, among others.



Prime location

Costa Rica's geographical proximity to North America, simple access to both the Atlantic and the Pacific Oceans, competitive shipping costs, and simple logistics make it an ideal trade and business partner.



Global value chain expertise

The country has a developed and solid local advanced manufacturing supply chain with more than 50 years supplying to OEMs and different tiers.



Free trade agreements

Manufacturing companies in Costa Rica can take advantage from many free trade agreements negotiated by the country, having access to preferential deals with its commercial partners.

TESTIMONIALS



In 2006, Samtec was looking to open an operation in the Americas that would balance its global supply strategy and provide better redundancy. Costa Rica's highly skilled labor force and political stability played a big part in site selection. Today, Samtec Costa Rica has over 1000 skilled people who support the company's design for new products and represent over 60% of its global software programmer's staff. They include industrial, materials, and metal mechanic engineers.



There were competitive options for Zollner to expand in Latin America, however we chose Costa Rica for its stability, educational system, manufacturing resources, and strategic location. We are excited about the potential Costa Rica has to offer.

Markus Aschenbrenner, CEO Zollner Electronics, Inc.



Costa Rica has proven to be a very competitive site for Boston Scientific. Key drivers for our success in Costa Rica include our senior management's full support; minimal bureaucracy; broad organizational commitment; and CINDE's and the government support and close working relationship.

Don Robinson, VP Operations Strategy.

MAIN DATA OF THE SECTOR, STATISTICS



**EXPORTING
COMPANIES 2019**
1,057



**EXPORTED
PRODUCTS 2019**
1,961



DESTINATIONS
109



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¡COSTA RICA, YOUR BUSINESS ALLY!