

Overview of Atlantic Research Technologies' Executive Search Services in Recruiting for Engineering & Research Management Searches

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Atlantic Research Technologies (ART), founded in 1987, specializes in global executive search and management recruitment for Engineering & Research Management roles, including Chief Technology Officer (CTO), VP Engineering, VP Research and Development (R&D), Director of Engineering, and Engineering Manager.

Their services emphasize strategic recruitment of engineers and scientists with technical backgrounds critical for product development, innovation, and organizational leadership, often extending to technically trained professionals in other functions like general management or operations.

ART focuses on candidates who improve existing products or create breakthrough technologies, ensuring long-term matches for clients in high-technology and industrial sectors.

Expertise and Sector Coverage

ART's recruiters have deep experience across engineering disciplines, including electrical, electronic, computer, software, mechanical, chemical, materials, ceramic, metallurgical, and physics-related fields.

They excel in identifying talent for complex product development and R&D organization building, addressing challenges like technological survival in volatile markets through diversification and innovation.

Sectors covered include Semiconductors & Electronics, Industrial Products & Equipment, Engineering & Construction, Consumer Products & Services, Medical & Health Technology, Energy & Power Generation, Chemicals & Advanced Materials, Aerospace & Aviation, Automotive & Transport, IT & Communications Services, FinTech & Business Services, and Logistics & Supply Chain Services, with a strong emphasis on electronic, mechanical, or chemical industries.

Clients include large industry leaders, successful medium-sized firms, and well-financed startups.

Positions Recruited

ART recruits for senior engineering and research roles, typically requiring 10-15+ years of experience, advanced degrees (e.g., in engineering or related fields), technical expertise (e.g., in semiconductor

processes, battery design, RF technology), leadership in team management, and skills in project oversight, innovation, and strategic planning.

Key titles include CTO (for technology strategy and R&D leadership), VP Engineering or VP R&D (for product development and team supervision), Director of Engineering (for controls, processes, or specific tech areas), Engineering Manager (for design and manufacturing), and specialized roles like Product Development Manager, Sr. Battery Design Engineer, or Electrical Engineer.

Requirements often include multilingual fluency (e.g., English/Chinese), travel willingness, and certifications like Six Sigma.

Global Reach

ART provides executive search worldwide, with a dedicated focus on the U.S. for engineering and research roles in semiconductors, electronics, automotive, and energy sectors.

Their work extends to Europe (e.g., Germany for IT-integrated engineering in manufacturing) and Asia (e.g., China, Hong Kong, Taiwan for consumer electronics and EV battery innovation), supporting clients with multi-country operations and global teams.

Review of Past and Current Searches

ART's work in Engineering & Research Management emphasizes leadership in high-tech innovation, product development, and team management, particularly in semiconductors, electronics, automotive/EV, and energy sectors.

U.S. searches focus on strategic engineering roles in aerospace, batteries, and semiconductors; Europe includes IT/automation in food manufacturing; Asia highlights design and technology leadership in consumer electronics and EV batteries. Below is a table summarizing key examples by region:

Region	Job Title	Location	Company Type	Key Requirements	Sector Relevance
U.S.	Senior Director of Engineering - Semiconductor Capital Equipment	Northeast	Medium-Sized Semiconductor Capital Equipment Firm	Engineering leadership in controls/thermal processes; project management; Six Sigma; ERP; Master's in engineering (electrical/control preferred); 10+ years leading teams	Semiconductors/Engineering
U.S.	VP Engineering - MOCVD Equipment	Flexible	Major Semiconductor Equipment Manufacturer	Strategic/tactical leadership; manage 30+ staff; 10-15+ years in vacuum deposition/ epitaxial	Semiconductors/Engineering

				growth; R&D management; costing/ lifecycle planning	
U.S.	VP R&D or SVP Product Development - Batteries	TBD	Battery Startup	Lead product development; advanced composite materials for batteries (lithium-ion alternatives); tactical/strategic; launch technologies for various markets	Energy/Batteries
U.S.	VP Engineering (VP R&D) - Commercial Electronic Systems	Northeast (Long Island, NY)	Electronic Systems Corporation (\$20M sales)	Hands-on mentoring; manage 8-10 people; hardware/real-time embedded systems (C++); from electronics manufacturer	Electronics/Engineering
U.S.	Automation Director of Engineering	Western U.S.	Computer Products Corporation	Responsible for development; deliver products to meet objectives; state-of-the-art technology	Computer Products/Automation
U.S.	Program Manager – Auto Parts Supplier	Midwest (Detroit, MI)	European Automotive Parts Supplier	Fluent Korean/English; engineering background; 5+ years project management; 12-15+ years automotive; liaison between teams; travel to Korea	Automotive/Engineering
U.S.	Director RF Technology	California (Los Angeles)	Fabless Semiconductor Firm (Wireless Networking)	Manage staff for WLAN standards (802.11b/a); bridge cost gaps; ubiquitous connectivity for voice/ video/ data	Semiconductors/Wireless
U.S.	Product Development Manager - EV	Midwest (Detroit, MI)	Leading Electric Vehicle Battery Manufacturer	Capture requirements; prioritize backlog; lead experiments/surveys; supervise lab/testing; 7+ years automotive engineering; electronics experience; 40-50% travel	Automotive/EV Engineering
U.S.	VP Engineering - Space Sector	California (Los Angeles)	Early-Stage Space Sector Firm	Lead satellite/ground station programs; oversee disciplines (RF, structures, electrical); manage risk/timelines; 5+ years aerospace; BS in Engineering	Space/Aerospace
U.S.	Sr. Battery Design Engineer - EV	Midwest (Detroit, MI)	Leading Electric Vehicle Battery Manufacturer	Lead battery hardware/software; technical guidance; data analysis/ validation; compliance; 5+ years related; Bachelor's/Master's/PhD in Mechanical/Electrical Engineering; 25% travel	Automotive/EV Engineering
U.S.	Electrical Engineer - Electronic Components	Southwest	Startup Electronic Components Firm	Lead design/ development/ evaluation of film capacitors; materials development (ceramic/polymer/composite); BS in Electrical Engineering; 7+ years materials fabrication	Electronics/Engineering
Asia	Director of Engineering - Consumer Electronics	Hong Kong/China (Shenzhen)	Major Consumer Electronics Manufacturer	Innovative design head; fluent Chinese/English; consumer electronics/IoT/audio/video;	Consumer Electronics/Engineering

fast-moving environment

Asia	Design Director - Consumer Electronics (Notebook Computers)	Taiwan (Taipei)/Hong Kong	Fast-Growing Consumer Electronics Manufacturer	Creative/industrial design expert; lead staff; build brand; oversee ID/packaging/R&D; product lifecycle; Red Dot awards plus Manage Li-Ion battery design/development; technology strategy; lead research/digitalization; innovative culture; Master's in Engineering; 10 years Li-Ion experience	Consumer Electronics/Design
Asia	CTO - EV Battery	Asia	EV Battery Firm	Experienced in high-volume manufacturing; fluent Chinese/English; creative in plastics/metals/new materials; supervise design/development/process	Energy/Engineering
Asia	Mechanical Engineering Manager - Consumer Electronics	China (Shenzhen/Hong Kong)	Major Laptop/Tablet Manufacturer	8 years in Computer/Tablet/Notebook; University graduate in Computer Hardware/Electronics; manage team under pressure; fluent Chinese/English	Consumer Electronics/Engineering
Asia	Electronic Engineering Supervisor - Consumer Electronics	China (Shenzhen)	Major Laptop/Tablet Manufacturer		Consumer Electronics/Engineering