

ROBERT JOHN MORRISON

Connected Products & Product Development Executive | IoT Product Leadership

CONTACT INFORMATION

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PROFESSIONAL SUMMARY

Connected products and product development executive with 16+ years leading the strategy, development, and global manufacturing of IoT ecosystems, hardware, firmware, cloud platforms, mobile applications, and consumer products from concept through mass production. Proven record directing connected-product roadmaps, new product development (NPD/NPI), supplier qualification, and manufacturing transfer across the United States, Australia, China, Hong Kong, and the United Kingdom. Combines hardware-plus-software product leadership with deep global sourcing, quality systems, and cost-reduction expertise. Fluent in English and Mandarin Chinese with 15+ years managing Chinese suppliers, engineering teams, and cross-functional product organizations.

CORE COMPETENCIES

Product Strategy & Roadmap • Connected Products & IoT • Product Portfolio & Lifecycle Management • New Product Development (NPD / NPI) • Hardware + Software Product Leadership • Go-To-Market Strategy • Global & Strategic Sourcing • Supplier Qualification & Management • Manufacturing Transfer • Factory Audits & Quality Systems • Cost Reduction & DFMA / DFX • Cross-Functional & Executive Leadership • Program & Vendor Management • Product Validation & QA

PROFESSIONAL EXPERIENCE

RVLock — Director of Product Development

Logan, Utah, USA | June 2025 – Present

Drove RVLock's transformation from a traditional hardware manufacturer into a connected products organization while leading a manufacturing recovery and supplier-transition program for the company's flagship lock platforms.

- Led development of the RVLock Scout connected ecosystem—an IoT RV security and monitoring platform integrating a mobile application, cloud services, gateway hardware, smart locks, security sensors, cameras, GPS tracking, TPMS, environmental monitoring, and battery management—defining product vision, ecosystem architecture, and roadmap delivered through hardware, firmware, cloud, and mobile teams across China and the U.S.
- Directed supplier qualification and manufacturing transfer for the V4 and Compact lock platforms, evaluating 12+ Chinese manufacturers through factory audits and capability assessments—reducing supplier risk, improving quality and traceability, lowering cost, and securing long-term product ownership and IP.
- Defined the next-generation product redesign strategy, reducing component counts and assembly complexity while improving weatherproofing, serviceability, and battery life—lowering manufacturing cost and increasing product reliability.

Viro Lighting (Hammerton) — Director of Product Design & Development

Salt Lake City, Utah, USA | June 2020 – December 2025

Created and launched Hammerton's award-winning, patented Viro smart-lighting brand, reporting directly to the CEO and aligning Glass, NPD, Engineering, and Marketing organizations.

- Launched a connected smart-lighting platform integrating IoT technology with the Viro mobile app and Amazon Alexa and Google Home voice ecosystems, opening a new price category and increasing sales and customer spend.
- Designed modular pendant lighting systems delivering high design value at high margin and low cost, and instituted product-development practices that shortened time-to-market company-wide.
- Established lower-cost, high-quality global sourcing and new QC protocols and manufacturing processes (die-casting, cold forging, injection molding, overmolding) that reduced defect (NG) rates across the company.

Ride Transportation Solutions — Chief Product Officer

Adelaide, Australia | June 2018 – June 2020

Led product strategy and development for a connected micromobility operator, building and mentoring a 10+ person NPD, operations, and field team.

- Designed and commercialized a connected dockless electric-scooter platform featuring a replaceable-battery, NFC-enabled 4G IoT vehicle, supporting fleet hardware, and an on-time, on-budget product launch.
- Built mobile and web fleet-management systems with geofencing, anti-theft, and remote monitoring that improved fleet retention, vehicle safety, and operational efficiency, and created the RIDE brand identity.

Blunt Umbrellas — Sales Director, China & Hong Kong

Xiamen, China | July 2012 – March 2019

Launched and scaled the BLUNT Umbrellas brand across China and Hong Kong, growing market reach and revenue through e-commerce, retail, and distribution channels.

- Established Taobao e-commerce, distributor, wholesale, and retail networks and a structured sales and incentive program, and secured premium promotional partnerships with the Hong Kong Jockey Club and Jack Nicklaus Club Beijing.

Haythornthwaite Design — Industrial Designer

Xiamen, China | July 2012 – January 2018

Delivered manufacturing-ready industrial design and product development for global brands including Adidas, Titleist, TaylorMade, and ShedRain—producing CAD and technical drawings, managing rapid prototyping and supplier quality, and supporting design-for-manufacture across products, packaging, and retail displays.

Je Joue — Junior Industrial Designer

Xiamen, China | September 2010 – July 2012

EDUCATION

Executive MBA — Quantic School of Business and Technology, 2025

BA, Sociology — The Evergreen State College, 2010

AWARDS & PATENTS

- US Patent 11,435,072 — Adjustable-Length Ceiling-Mounted Canopy for a Lighting Fixture, 2022
- LAMP International Lighting Design Competition — Manufactured Pendant Winner, 2022
- Good Design Australia Gold Award — ShedRain VortexVent, 2017
- IDSA International Design Excellence Award, Finalist — ShedRain VortexVent, 2017

TECHNICAL SKILLS

IoT Architecture, BLE / Bluetooth, Wi-Fi, GPS, Sensors, Remote Monitoring, Firmware Coordination, Cloud Platforms, Mobile Applications, CAD & 3D Rendering, DFM / DFA, Product Validation, Quality Assurance, Strategic Sourcing, Packaging & Product Literature Design

LANGUAGES

English (Native) • Mandarin Chinese 中文 (Fluent)