

Intelligent **Product Development** at Scale

From Vision to Value



Innovate Boldly. Engineer Precisely.



At Powersoft19, we transform ideas into market-ready products with a seamless, end-to-end approach. From early-stage concept validation to production-grade delivery, we help businesses build smarter, faster, and safer. Our integrated development framework combines deep systems engineering expertise, cross-domain innovation, and cutting-edge AI tools—empowering you to lead in a competitive market with confidence.

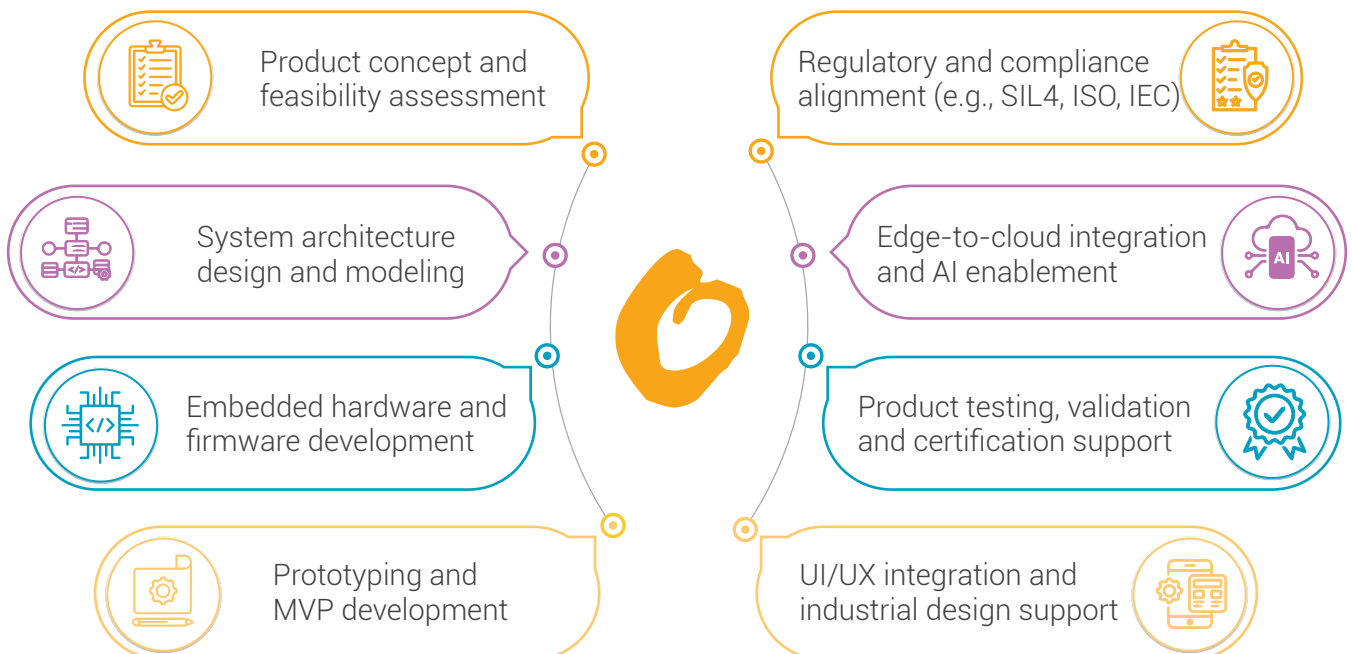
Modern Challenges in Product Development

Product development today isn't just about building—it's about solving. Businesses face relentless pressure to shorten time-to-market, reduce R&D overhead, and keep up with ever-evolving customer expectations. Disjointed teams, fragmented tech stacks, and rising compliance demands only add to the challenge.

Our Approach—How We Solve It

Powersoft19 integrates AI-driven decision-making, model-based systems engineering, and agile product strategy to de-risk the journey from idea to launch. Our cross-functional teams work in sync, combining hardware, embedded firmware, software, and user-focused design—all under one roof. The result: faster iterations, smarter decisions, and fully aligned development cycles.

Services Offered



Tools, Technologies, & AI Integration

We use world-class tools and platforms across the full development lifecycle—customized to your project’s needs. From CAD and simulation software to AI-driven design generation and predictive testing, our stack includes:

Category	Tools & Platforms
Embedded Systems and Firmware	STM32CubeIDE, Keil MDK, IAR Embedded Workbench, Atmel Studio, MPLAB X IDE, TI CCS, FreeRTOS, Zephyr
AI Integration and Simulation	MATLAB / Simulink, Digital Twins, TensorFlow Lite, PyTorch Mobile, AI/ML Algorithms, Generative AI
Hardware and PCB Design	Altium Designer, OrCAD, KiCad, Eagle, LTspice, PSpice, Fusion 360, SolidWorks Electrical
Software and App Development	C/C++, Python, Java, Rust, .NET, React Native, Flutter, Node.js, MQTT, Modbus, CANopen
Cloud and Connectivity	AWS IoT Core, Azure IoT Hub, Google Cloud IoT, REST APIs, GraphQL, Docker, Embedded Web Servers
DevOps and ALM	Jira, Git, Jenkins, GitLab CI/CD, Confluence, Polarion ALM, IBM DOORS
Compliance and Testing	ISO 26262, IEC 61508, DO-178C, SIL 4, VectorCAST, Cantata, Tessy
Prototyping and Visualization	Raspberry Pi, Arduino, BeagleBone, 3D Printing, Adobe XD, Figma, Virtual Test Benches, SolidWorks, Visualize, 3DS Max, Unreal Engine

One Team. Infinite Possibility.

Why Work With Us

With 25+ years of engineering excellence and 1000+ engineers across diverse disciplines, we offer unmatched scalability, speed, and safety. Our collaborative culture, deep domain expertise, and AI-powered development approach make us the ideal innovation partner for everything from industrial products to smart connected systems.

Faster. Smarter. Safer. Better.

Benefits You Get

- Accelerated time-to-market
- Reduced design and testing costs
- Lower development risks through simulation and modeling
- Higher product reliability and compliance
- Scalable teams for evolving product needs
- AI-integrated workflows for performance and adaptability



Let’s Build the Future—Together

Whether you’re prototyping a breakthrough idea or scaling a smart system, Powersoft19 is your trusted partner in bringing world-class products to life.

Contact Us

Drop us a line and let us know what we can do for you. There is no limit to what can be made possible with our passionate team. Here are some examples:

- Come up with ideas to solve challenging issues faced by your business.
- Execute complex project/product ideas.
- Take the burden of managing legacy products off your shoulders.
- Provide a skilled project team to augment your in-house resources.
- Provide consultancy regarding industry standards and market trends.
- Design a customized partnership model with *Powersoft19* that empowers you to beat the competition.



USA/International:

🌐 www.powersoft19.com
✉ info@powersoft19.com

Europe:

🌐 www.powersoft19.eu
✉ info@powersoft19.eu