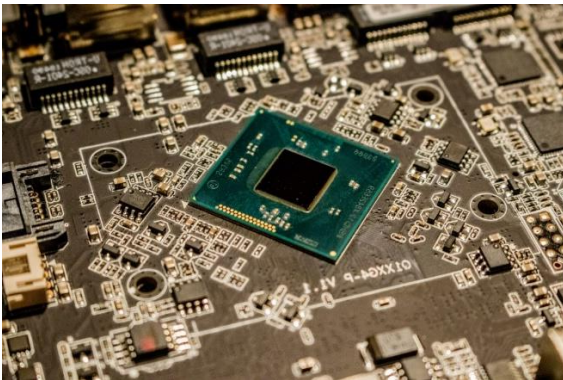# Software Technology
Automotive Embedded, Tools & Application

S2V Automation Expertise in Software Technology, by providing Services and Consulting for Project Execution, Product Development, Testing, Training and Staffing. Our Experiences and Specialization mainly on two verticals.

1. Automotive Embedded:

- **S2V Automation** is a design house born to execute and deliver futuristic solution focused products to the market

- **S2V Automation** has a team with good experience in Embedded & IOT product design with hardware and software expertise with group of 2**0+ engineers.**

S2V Automation Specialization in:

- **HW & Circuit Design**
  Electronic circuit design in analog and digital electronics, Simulation, Design Analysis.

- **Firmware Design & Development**
  Software requirement analysis and high level   Architect, logical flow and define test requirements

- **Product Development**
  End to end embedded design solution Prototype to industrialization support Design solution for IOT products

Product Verification and validation

- **Skilled resource Deployment**
  Technical resource sourcing and deployment
- **IoT/IIoT**
  IoT Platform is universal solution for enormous application
  Platform supports wired and wireless communication. Such as **RS232/485, MODBUS, Bluetooth, LoRa, GPRS and Wi-Fi**

2. Tools and Application:

- **S2V Automation** A development center consists of technology experts in C, C++, VC++, C#, .Net WPF, WCF, MFC, Core JAVA, DevOps, Pythan etc,.

S2V Automation Expertise In:

- **Software support (C++, MFC, VC++, .Net)**
  We provide L1, L2, and L3 support for your .NET, C++ software as well as comprehensive maintenance services that include performance optimization, compliance management

- **Software Development & Evolution**
  We develop the software from the scratch in various .Net Technologies and we guarantee fast and on-time software delivery by establishing Agile & Lean processes. We also ensure the

continuous evolution of your .NET software.

- **Application Migration**
Our Software Developers and Consultants can help you create a migration strategy and execute **quick, smooth, and reliable migrations** of .NET applications

- **Manual and Automated Testing (QA)**
Perform functional, performance, usability, security, exploratory, and other types of testing.
Our Test Automation Engineers will help to automate the tests which helps you to reduce testing costs in your .NET project while ensuring its high test coverage

- **Technical Consultation and Training & Resource Deployment**
Providing technical expertise in area of software development for industrial automation industries using C++ and .Net Technologies. Setting up project plan, structure, process, DevOps.
We provide customized training to developers to quickly bring them to expert level in design, code and software craftmanship practices.

S2V Automation Offers includes:

Automotive Embedded:-
- HW & Circuit Design
- Firmware Design & Development
- Product Development
- Skilled Resource Deployment
- IoT/IIoT

Tools & Application: -
- Software support (C++, MFC, VC++, .Net)
- Software Development & Evolution
- Application Migration
- Manual and Automated Testing (QA)
- Technical Consultation, Training & Resource Deployment.

Features:
- Specialized Technology Experts
- Timely and cost-effective Product Deliverables
- Skilled Resources
- Adhering to Design and Coding Standards.
- Delivery Qualities.
- Process Excellences.
- Led by Technology Leadrs having vast experience in Automation Embedded & Technology Solutions and Real Time Environment

Key Expertise & Support:

- C#, Java, NMS/EMS, .NET & WPF
- Cloud Platform: AZUR, GCP,AWS (EC2, EC2 Container Service, Kubernetes)
- Microsoft Dynamics: D365
- CRM, SFDC, DevOps tools
- CI/CD tools such as Jenkins, bamboo, Spinnaker
- Scripting Bash, PowerShell, Python
- Web Service Development, Java Script, Spring boot
- Microservices, Windows Services, Application development services
- Oracle application functional development services
- Protocols DHCP, RTSP, HTTP, Web Sockets
- API Development REST, COAP
- Mobile App development services (Android & ios)

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Applicable Segments:

Automotive, Automobile and Mobile & Desktop application development.