

hit the SDV accelerator.





lead the race to next-gen software-defined vehicles with Randstad Digital's unmatched expertise and innovative solutions

Today's consumers want cars that are smart, connected, and intuitive — cars that offer personalized driving profiles and infotainment options along with adaptive cruise control and even fully autonomous driving experiences. Software-defined vehicles (SDVs) are reshaping the automotive industry, enhancing the driver experience with innovative automotive technology and features and functions that can be rolled out with a simple over-the-air (OTA) update.

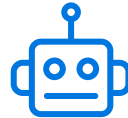
When it comes to your SDV vision, the sky is the limit. But when it comes to making your vision a reality, lack of expertise and solutions can put the brakes on your momentum.

The SDV revolution has turned auto manufacturers, Tier 1 suppliers, and original equipment manufacturers (OEMs) into tech companies. As digital expertise is increasingly sought after, the automotive sector encounters significant challenges in attracting and retaining experts in areas such as [software development](#), [infotainment systems](#), [artificial intelligence \(AI\)](#), [cybersecurity](#), and [more](#). This challenge is compounded by the need for continual upskilling and professional development to ensure the workforce remains at the forefront of innovation.

creating an SDV requires a variety of skills, such as:



AUTOSAR software



automotive
android software



system architecture



software and
system integration



validation
and certification



system debugging



cybersecurity



functional safety



OTA updates for advanced driving assistance
systems (ADAS), body, chassis, infotainment,
and telematics

stay in the fast lane.

As innovation accelerates in the automotive industry, opportunities abound to leverage expertise beyond traditional automotive realms. Partnering with a digital solutions provider offers flexibility to swiftly access specialized expertise, optimize recruitment processes, and maintain competitiveness in the dynamic SDV marketplace.

Randstad Digital partners with major Tier1s and OEMs in their SDV implementation programs. We provide expertise and solutions for system architecture, interface definitions, software integration, testing and certification, system debugging, and managing the CI/CD pipeline across ADAS, body, chassis, and connectivity domains.

With a strategic partner like Randstad Digital, automotive industry leaders can:

- expedite digital enablement by promptly securing the necessary resources to realize their SDV vision.
- scale operations effectively to meet evolving project demands in the SDV landscape.
- enhance current SDV initiatives by integrating experienced professionals into existing teams.



harness expertise at the forefront of innovation.

To achieve your SDV vision, scalability and versatility are essential. Randstad Digital partners with you to provide unparalleled expertise and innovative solutions to help you stay ahead in this competitive landscape. Our services empower you to accelerate digital enablement, swiftly execute change programs, and enhance your existing team's capabilities.

We can provide expertise in the following areas, with the ability to ramp up and down quickly to meet your needs:



ADAS

Sensor fusion, algorithm development and implementation, and safety analysis and validation.



connectivity

Telematics and remote diagnostics, cloud-based data management and analytics, OTA software updates, and in-vehicle networks.



vehicle dynamics and control

Powertrain control, chassis control, and steering control.



cybersecurity

Threat modeling and vulnerability assessments, secure software development lifecycle (SDLC), intrusion detection and prevention systems (IDS/IPS), and secure communication protocols.



infotainment systems

Software development and integration, security features, and customization and personalization.



human-machine interface (HMI)

User interface design, voice recognition and natural language processing, and haptic feedback.





AI and machine learning (ML)

Algorithms for autonomous driving, predictive maintenance, and personalized driving experiences.



automotive android software

Application development, framework development, and integration.



testing and validation

Validating software and systems using software in loop (SIL) and hardware in loop (HIL)



AUTOSAR software

Application development, configuring the base stack, and integration.



functional safety

Expertise at the system and software level.

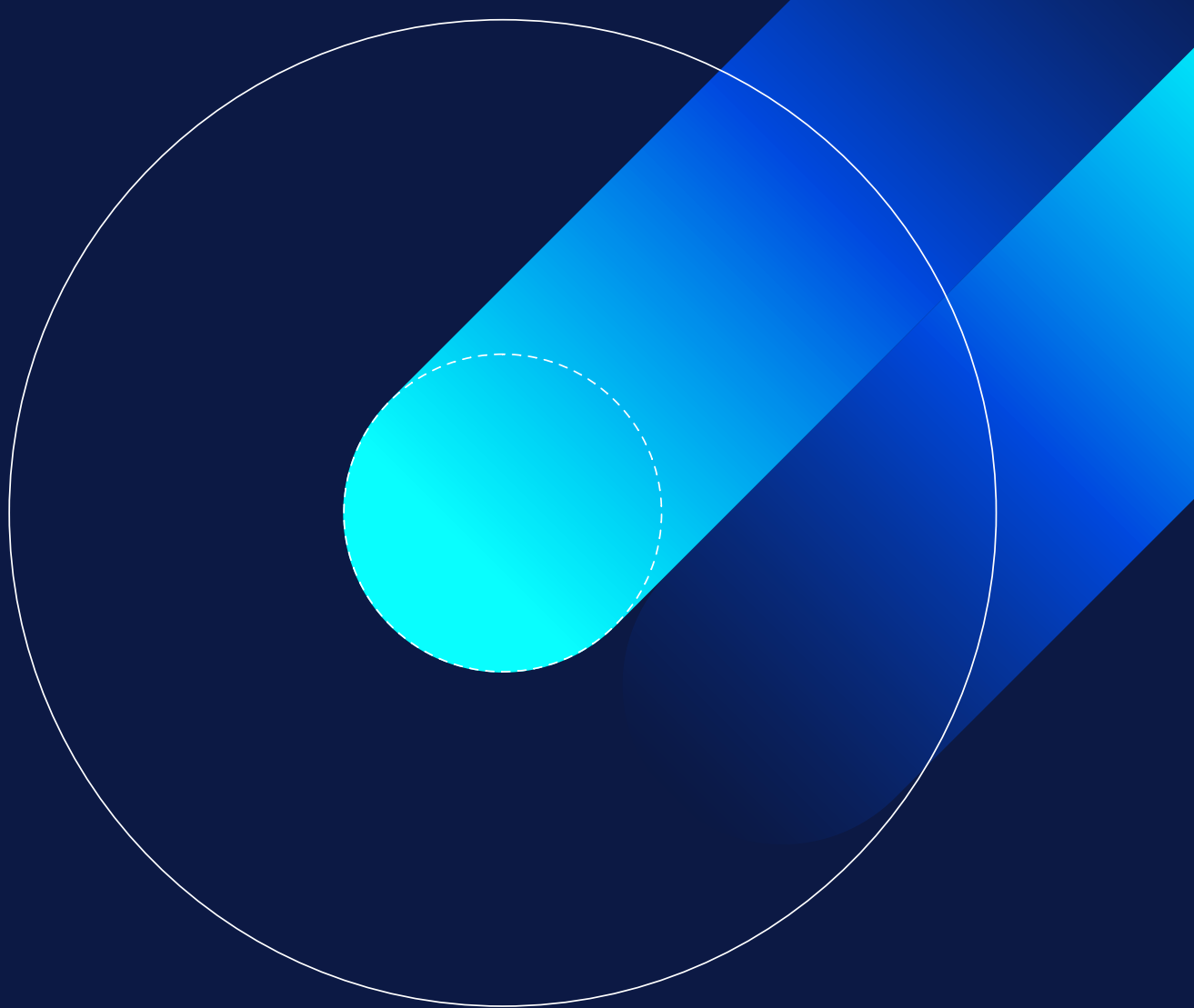
pick a partner with unparalleled experience.

Choosing Randstad Digital for your SDV needs gives you a trusted partner with deep automotive expertise, end-to-end solutions, global reach and scalability, agile and flexible delivery models, and a laser focus on innovation.

Learn our point of view on the SDV industry: www.randstaddigital.com/set-pace-with-sdv/

Contact us to access top talent that drives your SDV vision: rd-sdv@randstaddigital.com





about randstad digital?

Randstad Digital is a trusted digital enablement partner that facilitates accelerated transformation for businesses by providing global talent, capacity, and solutions across specialized domains. Our digital talent solutions allow you to seamlessly scale your team while connecting you with skilled professionals around the world who align with your chosen technologies. Our focus lies in managed programs, and we empower businesses to move at speed and achieve goals efficiently. We support four service lines, including customer experience, cloud & infrastructure, data & analytics, and digital & product engineering in addition to three engagement models, including talent services, global delivery centers and managed solutions.

For more information, see www.randstaddigital.com.

to learn more

visit www.randstaddigital.com/software-defined-vehicles/
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