Empower Your SAP Experience: Meet MARS Front-End Framework

The Next Generation in Mobile and Web User Experience

The Mobile Adaptable Resource for SAP (MARS) offers a customizable framework for SAP mobile and web applications aiming to simplify usability and improve related business processes. Using the open-source Ionic/React framework, it provides robust functionality with support for Android and iOS at lower costs. With no ongoing license fees aside from third-party add-ons needed, companies only need to pay for the development, making it extremely cost-effective. For added business benefits, it is easy to add additional features to the tool. MARS seamlessly integrates with SAP for fast and efficient operations, making complex tasks simpler by fostering productivity and innovation.

Innovation Made Easy: Key Benefits

MARS can be easily extended with innovations through mobile and web applications. The augmented reality add-on to the mobile app enhances user experience and productivity within MARS by seamlessly integrating with third-party technologies, enabling rapid matrix scanning and Augmented Reality (AR) with the device's camera. MARS can also lay user-defined records, images and symbols over recognized objects, such as barcodes, for simplified SAP transactions. Additionally, MARS facilitates the creation of web portals for PC users using a standard browser, offering a more user-friendly alternative to SAP's interface. Overall, this improves user adoption of technology and reduces training costs. As an open-source platform, MARS does not require an End-User License Agreement (EULA) aside from third-party apps that require licensing. This ensures maximum flexibility and customization for users. MARS is uniquely advantageous because of the following benefits:
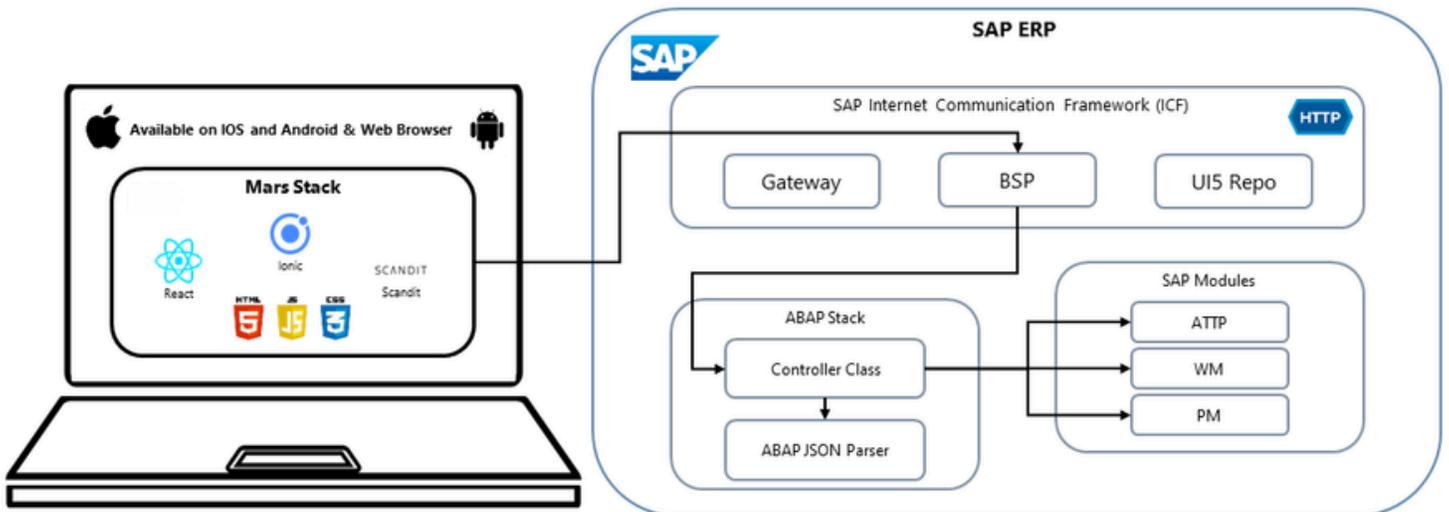
- Flexibility, scalability and agility
- Fast and efficient integration with SAP
- Software vendor roadmaps that do not depend on users
- No ongoing license fees aside from third-party add-ons
- Zero obligation to purchase unused out-of-the-box functions
- Ability to seamlessly replace existing solutions with replicated interfaces for minimized disruptions

Top Industries Served

Pharmaceutical

Tobacco

Explosives

Other Controlled Substances

Warehousing & Logistics

Lean Design and Architecture

With only core and standard SAP technologies used, MARS is designed around a robust and simple architecture, free of any bloated middleware.
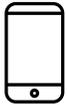
Our Team of Specialists

Our large global team of specialists have extensive expertise in the following:

SAP project delivery

SAP back-end development

Mobile development & implementation

Functional design and consulting

A Deep Dive: Solution Experience

- General consulting and feasibility analysis
- Development and implementation of a customizable MARS solution
- Hosting and deployment
- Support with ongoing enhancements, developments and change requests

Engineering's Advantage

Engineering Industries eXcellence is recognized as a long-standing and trusted SAP partner and strategic advisor for Digital Transformation. As a leader in enterprise application software, SAP helps companies of all industries and sizes run more productively by redefining processes and creating networks of intelligent enterprises that provide transparency, resiliency and sustainability across supply chains. Our experts have solved a wide range of challenges in designing the framework to work with SAP and already have existing knowledge and expertise in the relevant areas of warehouse management and serialization. Regardless of a company's current stage in their digital journey, we can help leverage innovative solutions to achieve operational excellence effectively and efficiently.

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Interested in speaking to one of our experts?

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