RIZING

Hydrogen

The Basic Element of EAM Success

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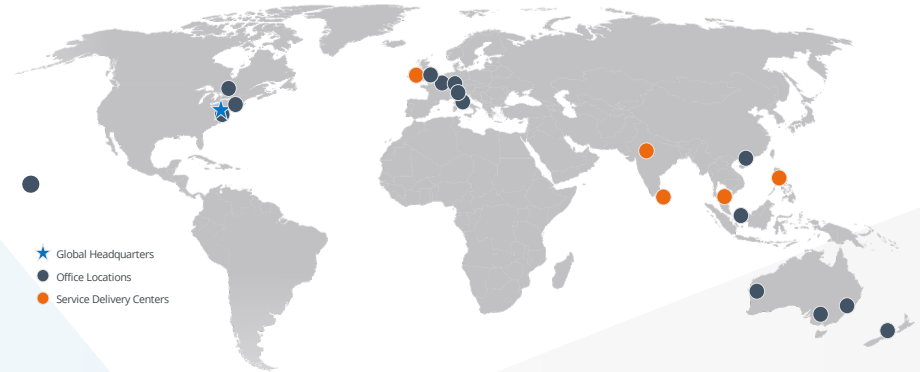
Who we are

RIZING

Leading global SAP® consulting services provider, with line of business focused on EAM, HCM and Consumer Industries

In-house Digital Development Centers (DDC) in India, Malaysia, Sri Lanka and the Philippines



★ Stamford (CT), USA
New York (NY), USA
Boston (MA), USA
Montreal, CAN

Dublin, IRL
London, GBR
The Hague, GBR
Walldorf, DEU

Munich, DEU
Milan, ITA
Bangalore, IND
Colombo, LKA

Hong Kong, HKG
Manila, PHL
Kuala Lumpur, MYS
Singapore, SGP

Perth, AUS
Melbourne, AUS
Sydney, AUS
Wellington, NZL

1,250+ Employees worldwide

SEPHORA · HollyFrontier · Total · bp · Marathon · Chevron · PSE Puget Sound Energy · Eastman · Costco Wholesale · Molson Coors

HCM

We help businesses across all industries solve holistic HR needs by leveraging SAP SuccessFactors.

CONSUMER INDUSTRIES

We provide functional and technical consulting services for Retail, Fashion, Wholesale Distribution and Consumer Products (CPG) companies.

EAM

We help asset intensive companies around the world optimize their Asset Management and SAP EAM solutions.

GEOSPATIAL

Our reliable geospatial services focus on delivering successful projects using the latest technologies, proven project methodologies, and innovative approaches.

REAL ESTATE

We deliver a complete end-to-end SAP Intelligent Real Estate and RE-FX solution that aligns with the customers strategic real estate plans.

EHS

We empower businesses with proactive safety measures and enterprise-wide visibility into potential hazards.

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Introducing Rizing Hydrogen

An SAP Fiori-based mobile and desktop application that provides an intuitive role-based SAP EAM UI across devices and is fully functional offline to support maintenance and storeroom activities.

SAP® Certified
Powered by SAP NetWeaver®

SAP® Certified
Integration with SAP S/4HANA®

ONLINE OR OFFLINE

Use data and capture new events and issues even without data connectivity.

ROLE BASED AND CONFIGURABLE

Screen layout and actions are defined by configured roles without programming.

EXTENSIBLE

Plugins and Dynamic Forms can extend Hydrogen to meet custom requirements.

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Key Differentiators

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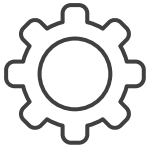


Role-based

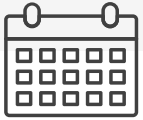
Ensure users have access to just the information and processes they need to get the job done

Improve Business Performance

Gain efficiencies by collecting SAP EAM information at the point of creation

Flexible User Experience

Extend and enhance the user experience to maximize utility and adoption



Quick Time to Value

Simple architecture and deployment enable rapid deployment and implementation

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Flexible Work Management

Consistent and modern UX supporting all devices

- Desktop, tablet, mobile
- Windows PC, Mac, iOS, Android
- Automatic delta synchronization

Comprehensive support for work management

- Work orders
- Notifications
- Goods receipt and goods issues
- Access and upload attachments
- QR/barcode scanning
- And more…

View and edit information immediately to streamline the work process, ensuring accurate data capture and reducing paperwork

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Role Based & Easily Configurable

Role-based configurations

- Allow users to see only the information they need
- Create as many roles as you need for various employee responsibilities Configure once for all platforms

Tailor the look and feel

- A complete set of out-of-the-box themes
- Create a theme to match your corporate branding
- Add your logo or icon to each screen

Empowers users to engage with their enterprise system of record in a personalized, simple, and flexible way

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Hydrogen Core Functionality

WORK ORDERS	• List and filter work orders • View, create and update header, status and attachments • View, create and update operations • Create time and material confirmations
NOTIFICATIONS	• List and filter notifications • View, create and update header, status and attachments • Create work orders from notifications
MATERIALS	• Manage purchase requests and orders • Perform goods receipts • Issue goods to orders and cost centers
TECHNICAL OBJECTS	• Find and filter equipment and functional locations • View and update information and attachments • View and edit characteristics

...and much more.

Hydrogen supports common maintenance activities in the field and the storeroom right out of the box

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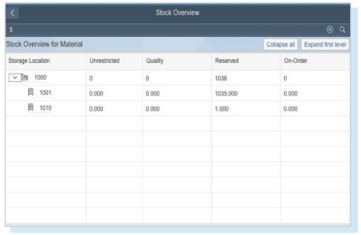
Extensible Plugin Architecture

All functions in Hydrogen are built as plugins. This allows you to easily add new functionality and extend what is already in place. Here are some examples to illustrate what is possible to create.

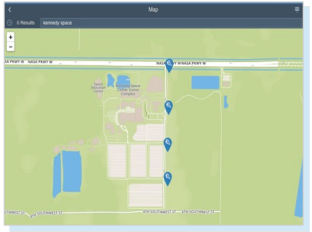
Stock Overview

- Look up and display material stocks
- Show unrestricted, quality hold, reserved and on order quantities



GIS Mapping

- Integrated with GEF and ESRI
- Show objects, notifications and work orders on a map
- Navigate to create and details screen from the map



Extend Hydrogen without making changes to the core application

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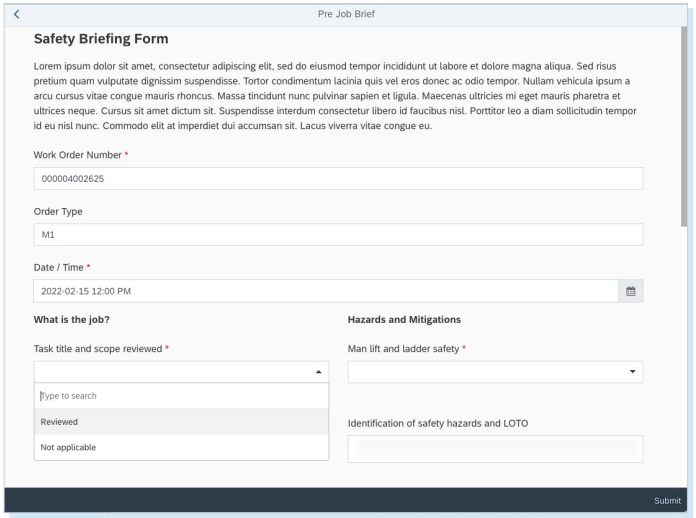
Hydrogen Forms

Create forms in hours or days using a graphical editor that does not require development skills. Enable SAP integrated workflows that can be completed in the field online or offline.

Features

- Enable flexible user experience for inspections, safety, briefings, etc.
- Construct forms using graphical editor
- Integrate custom forms with SAP data and workflows
- Deploy forms immediately to the field



Hydrogen Forms enable collection of essential information in the field without complex development

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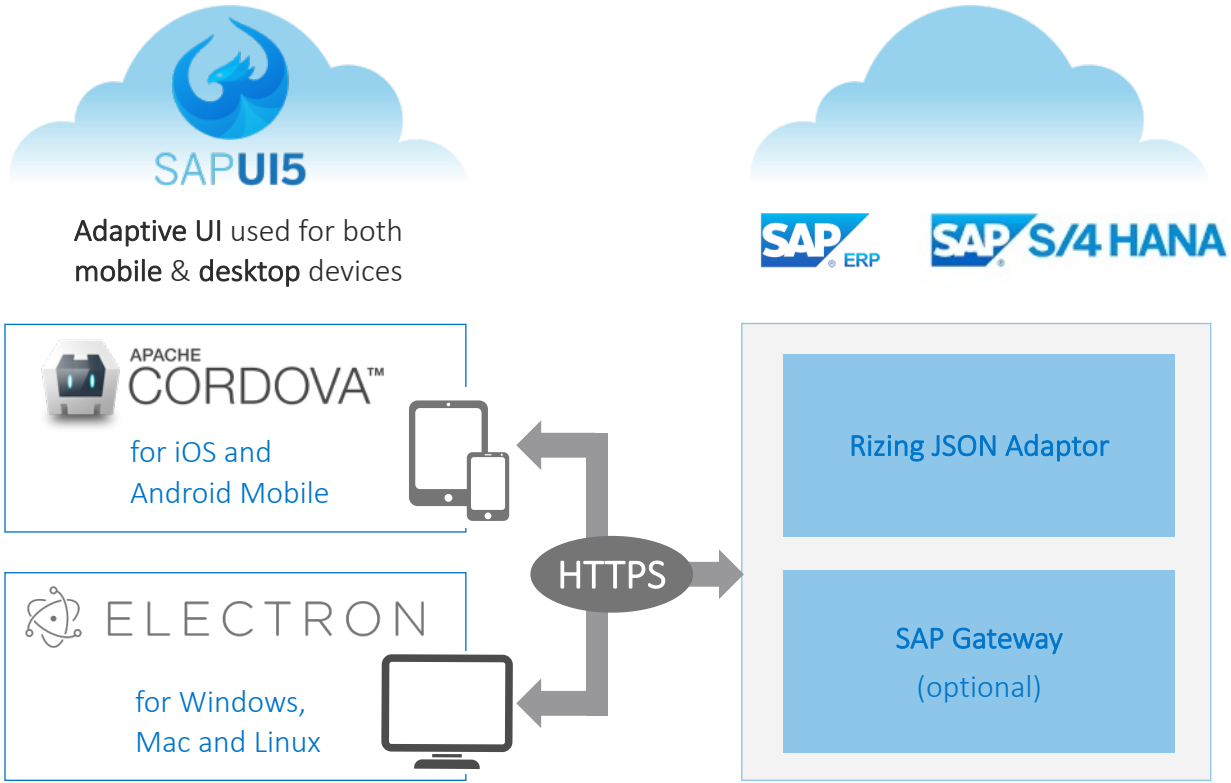
Simple Architecture



Rizing Hydrogen can be securely deployed in your existing SAP EAM landscape with no middleware required keeping cost of ownership low

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Security is a Priority

Use existing security rules and processes

- Adheres to SAP Role Based Security
- Support for Single Sign-on

Encrypted data in transit and at rest

- 256-bit AES-CBC encryption used to store user credentials
- Cordova encrypts the local SQLite database storage

Hydrogen Roadmap

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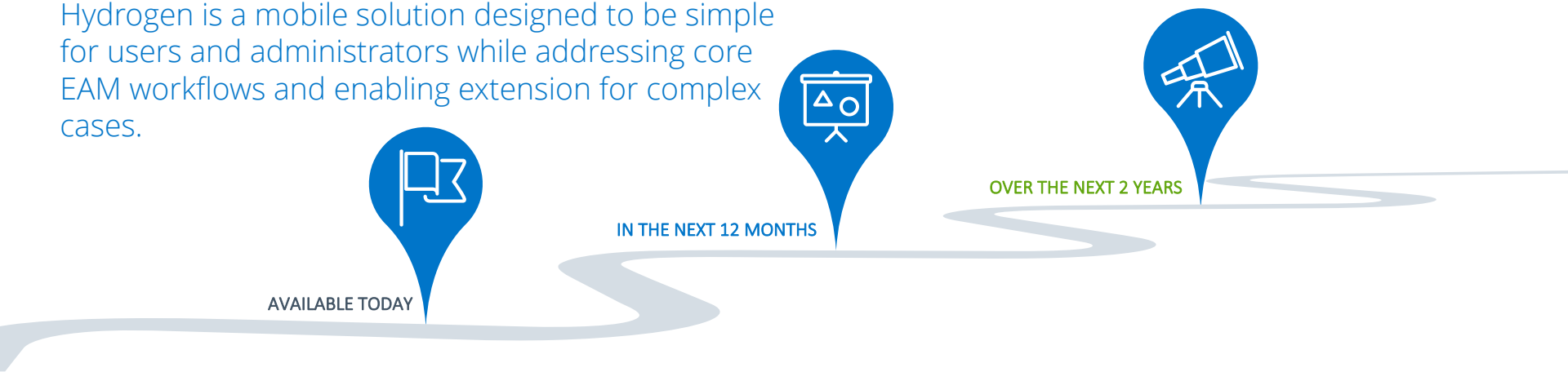
Hydrogen is a mobile solution designed to be simple for users and administrators while addressing core EAM workflows and enabling extension for complex cases.



TODAY

- Manage work orders, measurement documents and notifications
- Work order materials
- Purchase Orders
- Attachments
- Improved SSO
- ESRI map support ++
- Digital forms enhancements
- Enhanced online performance
- Cycle count enhancements
- Goods receipt enhancements
- Many other minor features and fixes

PLANNED INNOVATIONS

- Plugins everywhere
- GI to purchase order
- More goods movements types
- Configuration management
- Automated builds
- Documentation improvements

FUTURE DIRECTION

- Integration with Rizing OmniSpatial
- Progressive web application
- Scheduling enhancements

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Hydrogen Benefits are Clear

Improved productivity with a flexible UX for work management

Fast time to value with comprehensive out-of-the-box functionality

Extendable to meet your requirements

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Thank you!

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