Community Conversations

The Future of Product Compliance: Inside SAP's Roadmap and What It Means for You

Today's Agenda

- Welcome
- Speaker Introduction
- Presentation
- Community Q&A
- Opportunities to Connect

Guest Speaker:

SAP

Dr. Rüdiger Kreuzholz

Ralf Coenning

ASUG

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Product Compliance

Manage Challenges Through Digitalization

Large number of requirements

Digitalization manages compliance requirements and structures compliance work.

Frequent regulatory changes

Digitalization automatically alerts users and updates information, classifications, and documents.

Individualized products

Digitalization automates processes such as the classification and assessment of each product.

Stakeholder demands

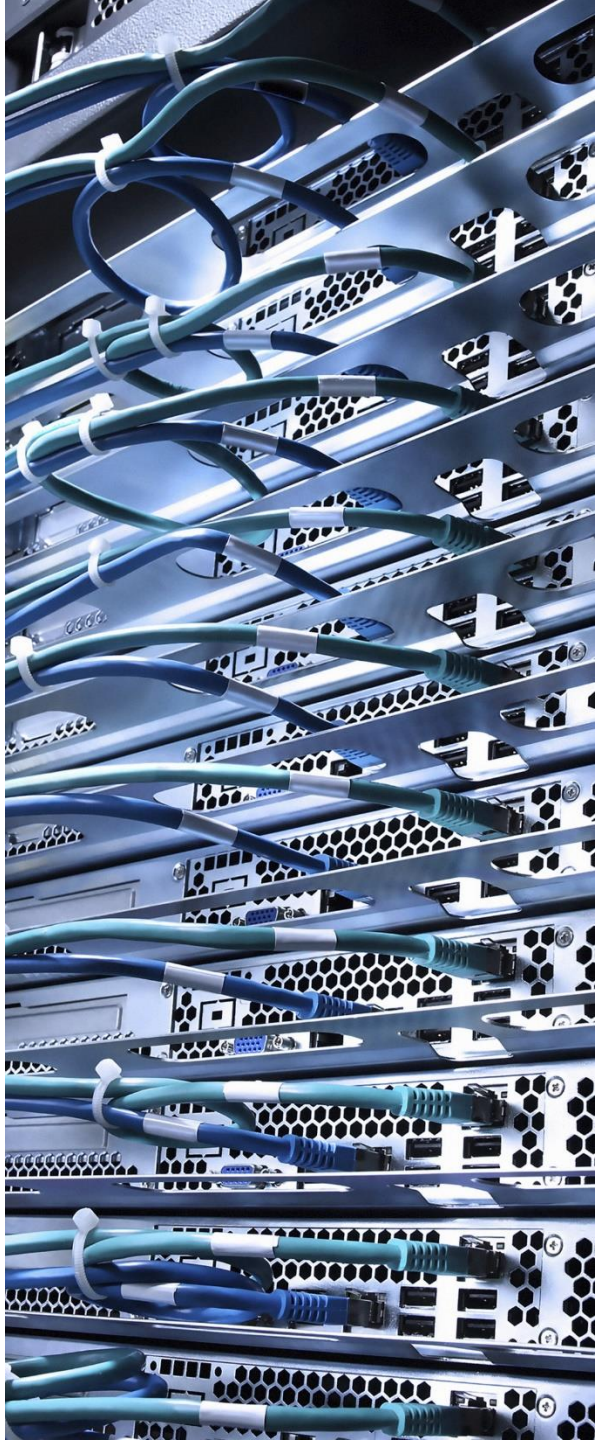
Digitalization makes information accessible and automates document creation and distribution.

Resource constraints

Digitalization automates compliance processes and embeds controls throughout the product lifecycle.

Complex supply chains

Digitalization streamlines information collection and communication along the supply chain.



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SAP S/4HANA for Product Compliance

Solution Capabilities

Manage Global Product Safety and Compliance Throughout the Product Lifecycle

Product Marketability and Component Compliance

Make sure products and components comply with legal and stakeholder requirements to protect the right to market products and safeguard revenue.

Compliance Document Management

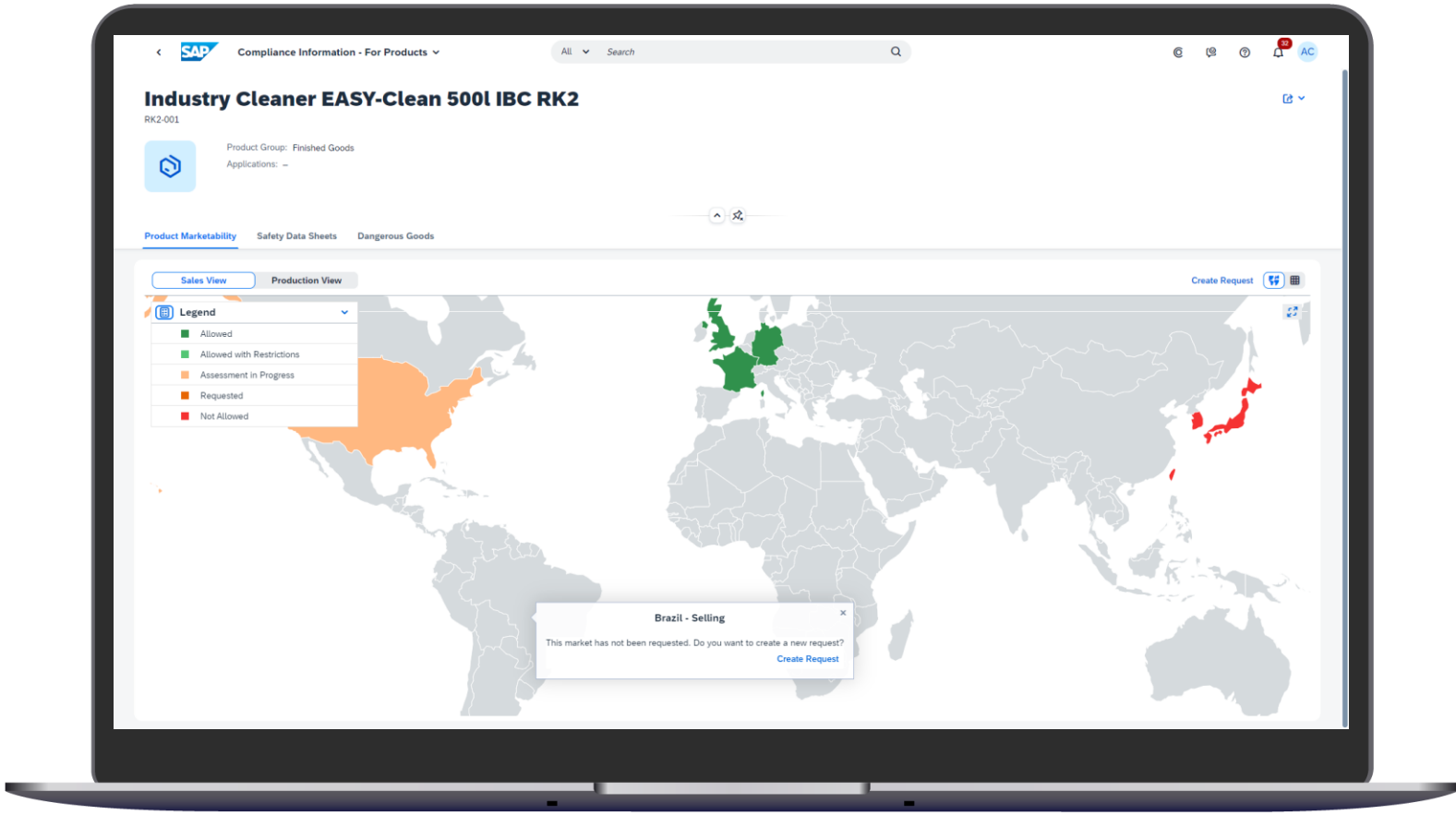
Provide compliant hazard communication, e.g. with safety data sheets and labels, to accelerate product introduction.

Dangerous Goods Management

Enable safe and compliant transportation of hazardous materials to protect brand value and avoid delivery delays.

Protect revenue and brand with embedded product and component compliance

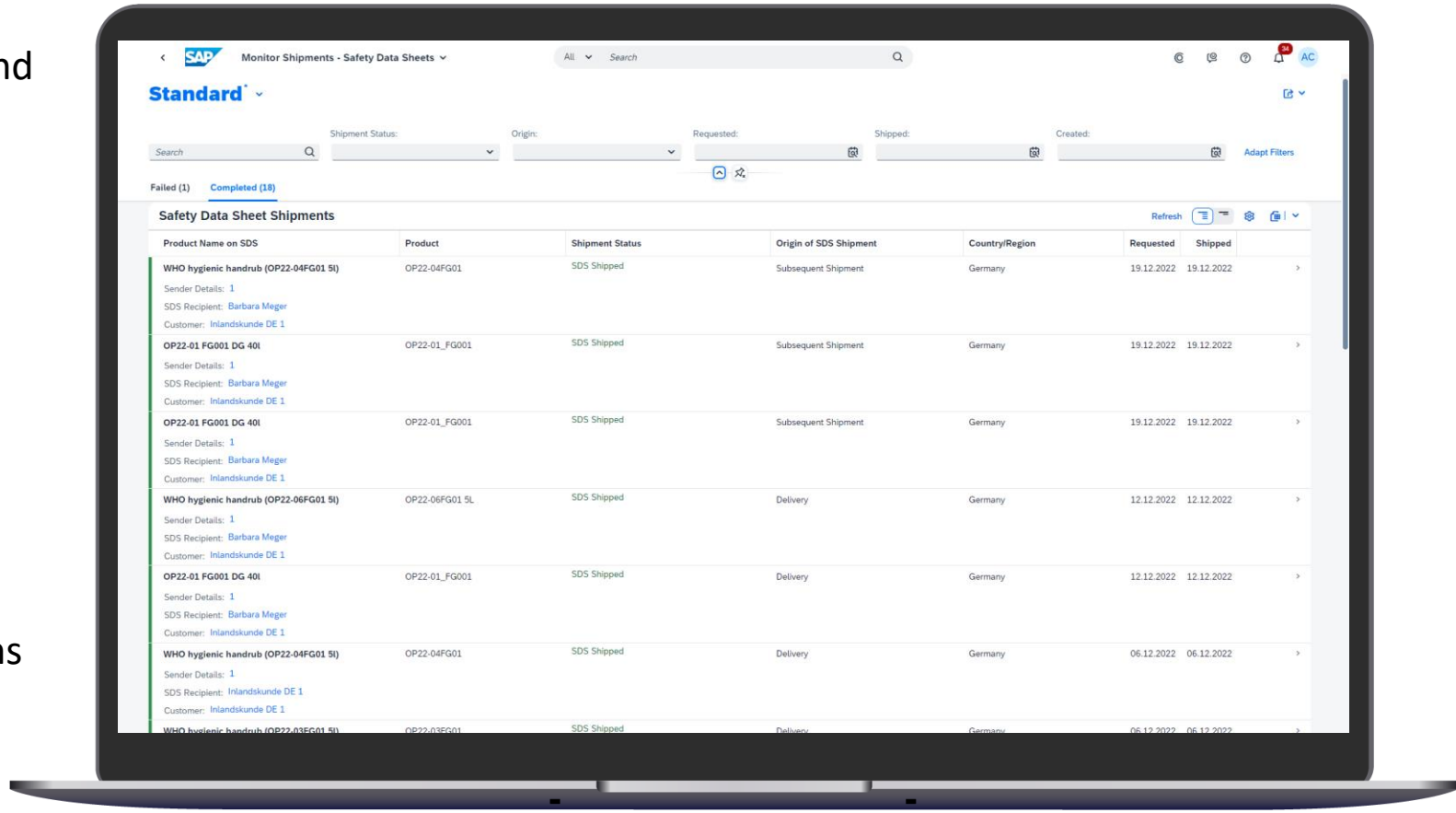
- Central management of compliance data, requirements, and certificates
- Automatic triggering of compliance assessments
- Embedded regulatory content
- Automated compliance assessment
- Substance volume tracking
- Integrated marketability checks
- Compliance monitoring and analytics



Compliance Document Management

Accelerate product introduction with compliant documents such as safety data sheets & labels

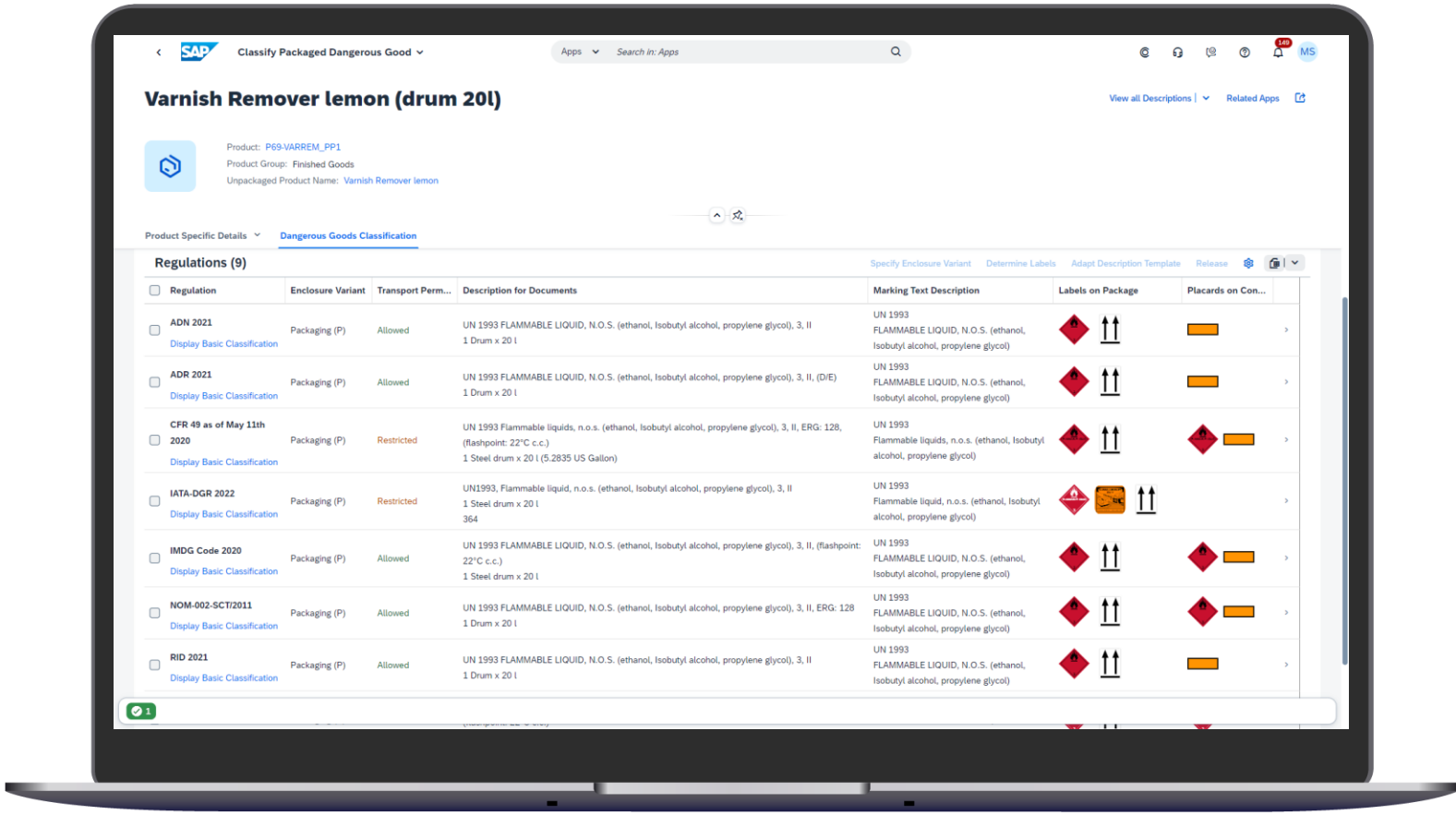
- Central management of safety data sheet and label* data and requirements
- Safety data sheet generation*
- Safety data sheet management per product and country
- Integrated safety data sheet checks
- Label printing via partner solutions*
- Automatic distribution of safety data sheets integrated in delivery processing
- Automatic redistribution of updated versions fulfilling legal requirements
- Monitoring of safety data sheet availability and shipments



* = planned

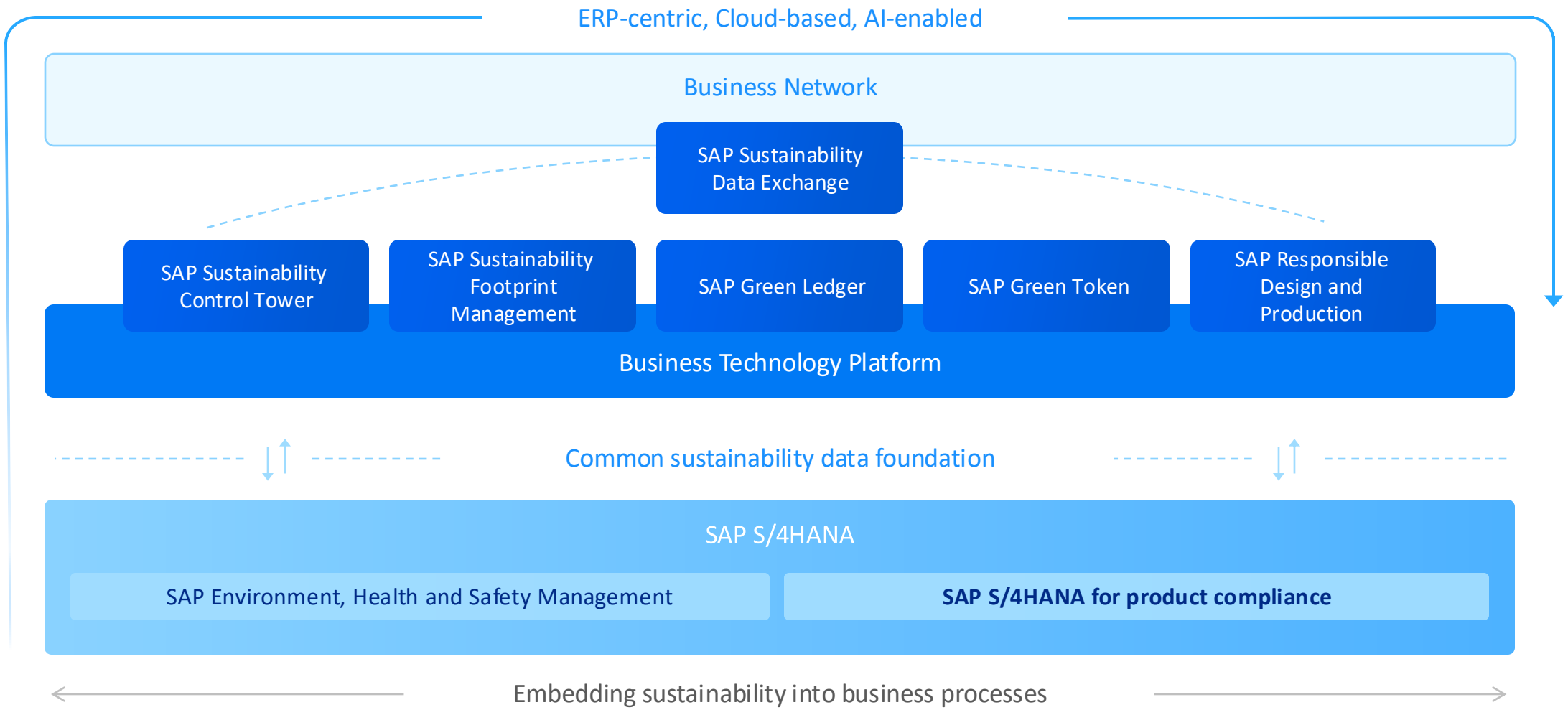
Enable safe and compliant transportation of dangerous goods

- Central management of dangerous goods requirements
- Dangerous goods classification for unpackaged and packaged products
- Embedded regulatory content
- Integrated dangerous goods checks
- Output of dangerous goods information on logistic documents
- Creation of specific dangerous goods documents
- Analytics



SAP Sustainability Solutions | Portfolio

Modular suite of SaaS solutions



SAP S/4HANA for Product Compliance – Benefits

Increase revenue
with real-time decision support before entering new markets

Accelerate product introduction
with streamlined product development and automated compliance assessments

Protect the brand and mitigate risks
with process integration, up-to-date information, and controls throughout the product lifecycle

Reduce compliance costs
by streamlining compliance processes with user experience, analytics, automation, and embedded content

Enable on-time delivery
with up-to-date compliance documents and safe transportation of dangerous goods

Increase visibility into compliance
with analytics, enabling quick responses to compliance inquiries

SAP S/4HANA for Product Compliance – Strategy

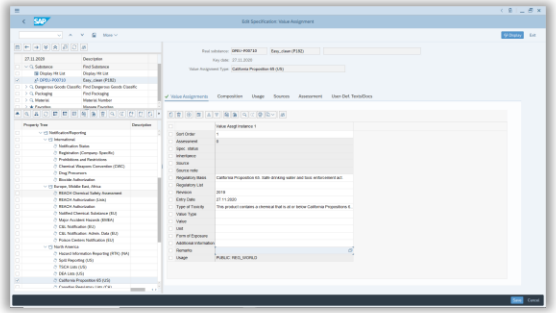
Complete **renewal** of the product compliance solution in SAP S/4HANA

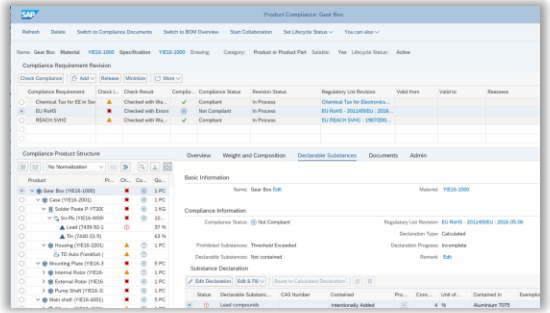
- Streamline processes with **automated** compliance assessment
- Stay up-to-date with **embedded regulatory content**
- Mitigate risk with controls **integrated into end-to-end business processes** in the SAP Business Suite
- Increase efficiency with SAP Fiori based **user guidance** and **AI**
- Make compliance information easily accessible with **SAP HANA-based analytics**
- Choose your deployment favorite with the solution being available in the on-premise and private and public cloud editions of SAP S/4HANA

SAP S/4HANA for Product Compliance – 2 Sets of Capabilities in Private Cloud

Existing (classic) capabilities*

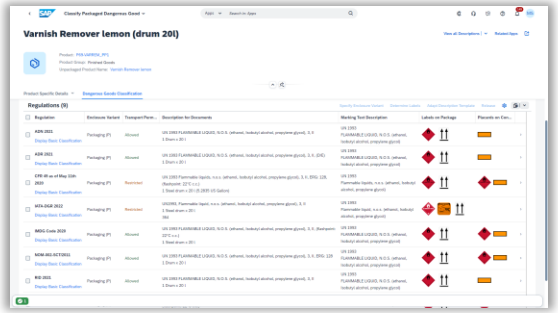
- All features of the SAP ERP based product safety and product compliance solutions
- SAP GUI and Web Dynpro transactions
- Specification database, workbench approach
- Full scope, no functional enhancements

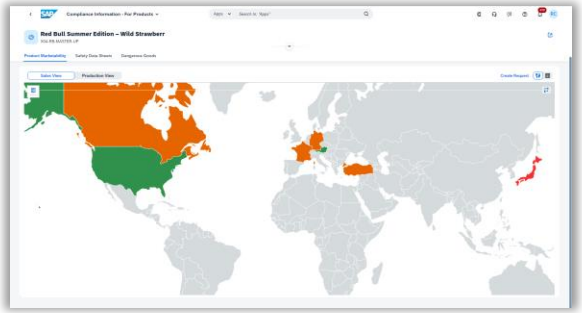




New capabilities

- New process model, SAP Fiori apps
- New data model, CDS-based
- New integration into product master, sales, delivery, procurement, transportation
- No full scope yet, innovation roadmap





Today customers have the choice. Once new capabilities support full scope and 3 – 4 years of additional transition period, existing classic capabilities will no longer be supported**.

* = Available only in on-premise and private cloud editions

** = Currently planned for the 2031 release

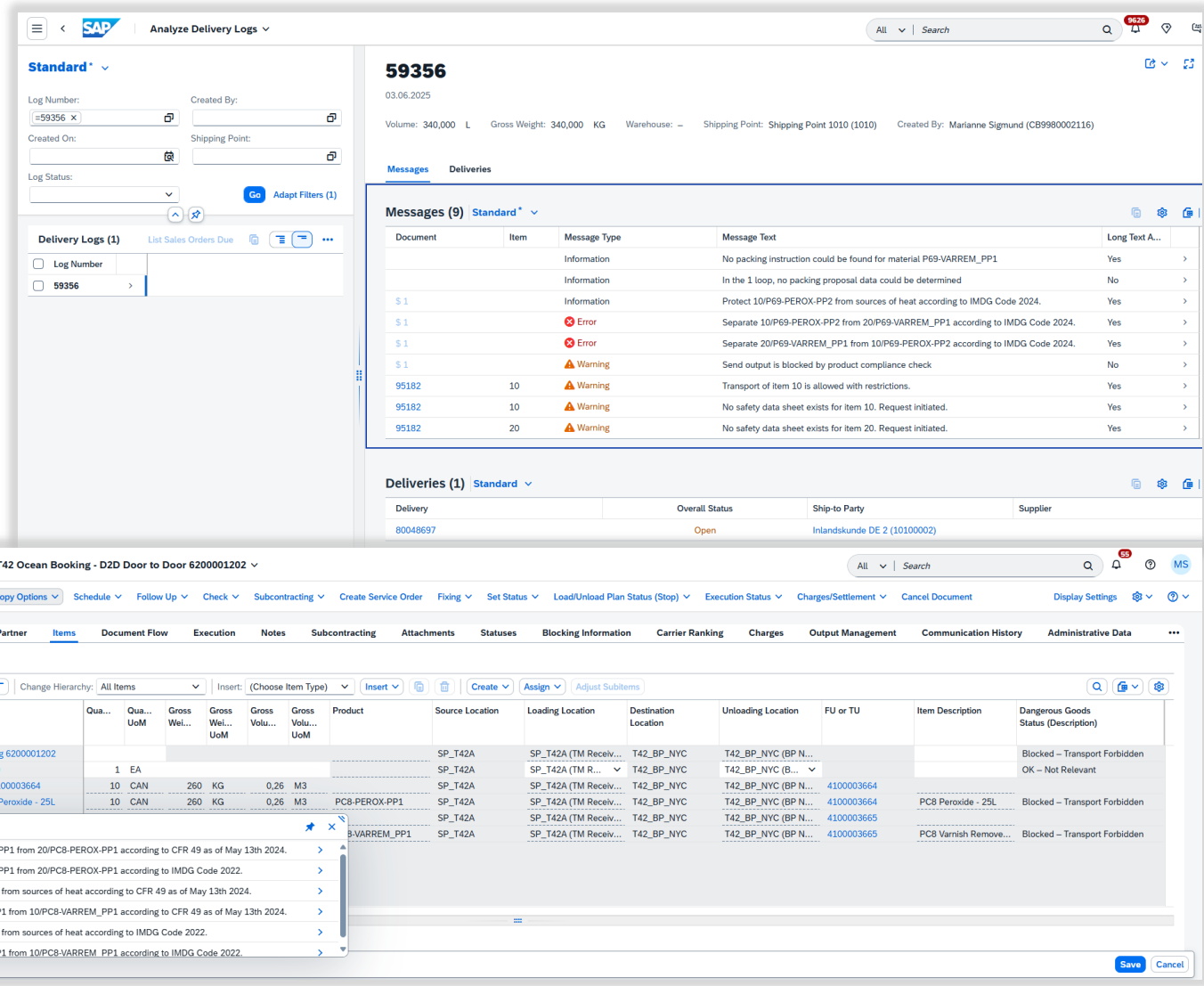
Feature Highlights CE2508/OP2025

SAP S/4HANA Cloud for product compliance 2508

Dangerous Goods Management: Mixed Loading Check Integration in Outbound Delivery and Transportation Management

With this feature, the mixed loading check is carried out in outbound deliveries and transportation management.

- Improved compliance with DG regulations IMDG and CFR49
- Checks occur when users save the outbound deliveries, freight units, freight orders and freight bookings
- Incompatibilities detected automatically initiate warning messages and set status to transport restricted

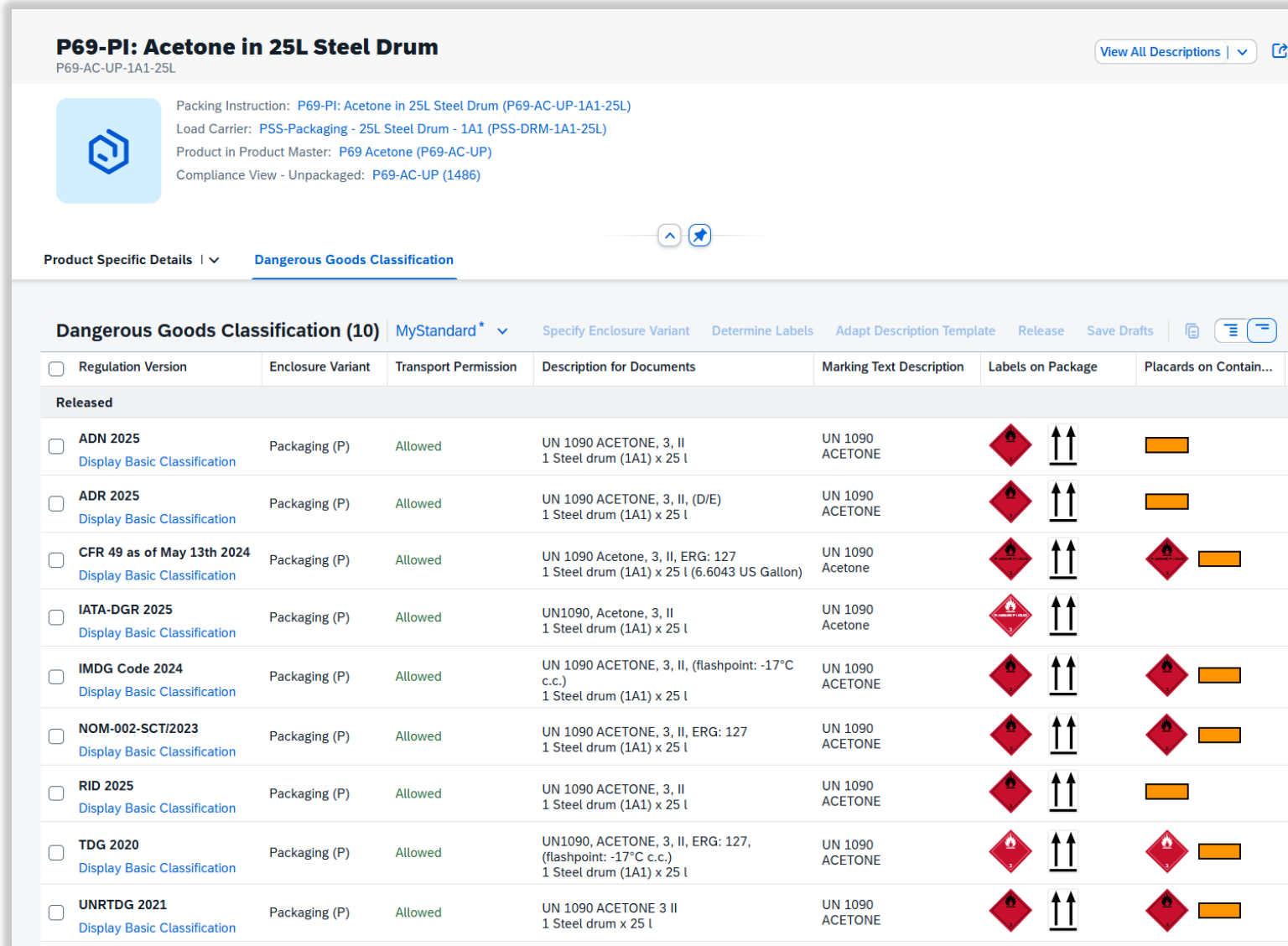


SAP S/4HANA Cloud for product compliance 2508

Dangerous Goods Management: Classify Dangerous Goods packaged in Logistics Packing Instructions

With this feature you can classify dangerous goods which are packaged based on logistics packing instructions.

- Help ensure compliance with dangerous goods regulations
- New app “Classify Dangerous Goods in Packing Instructions”
- New app “Dangerous Good – Classification Details”
- New section in app “Dangerous Goods Information”



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SAP S/4HANA Cloud for product compliance 2508

Product Marketability / Dangerous Goods Management: Battery Attributes

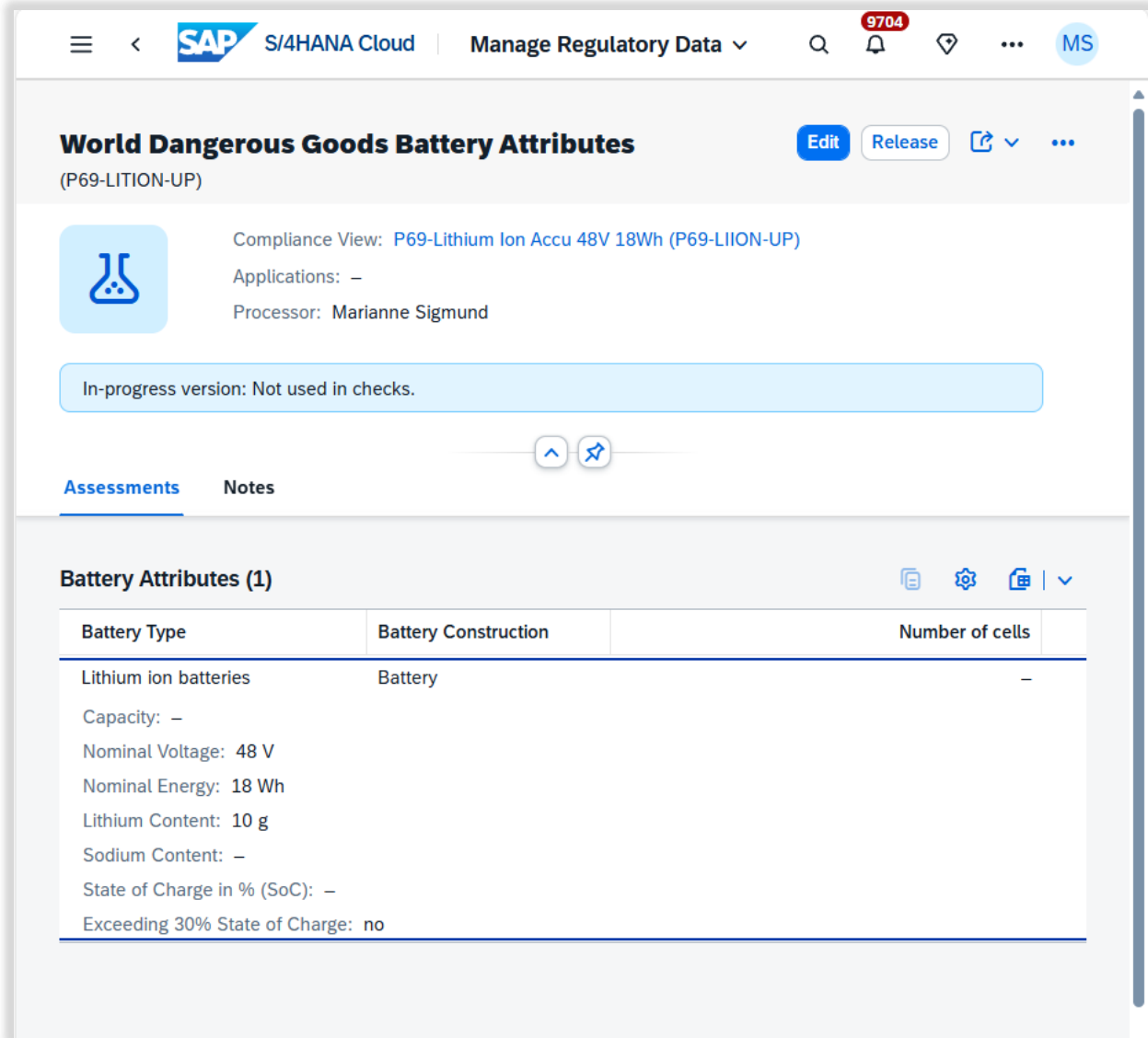
With this feature, store the attributes for lithium metal, lithium ion and sodium ion batteries as basis for the dangerous goods classification

Value proposition

- Help ensure compliance with dangerous goods regulations for batteries

Capabilities

- New compliance requirement for battery attributes



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SAP S/4HANA Cloud for product compliance 2508

Safety Data Sheet Management: Support of Branded Products in SDS Process

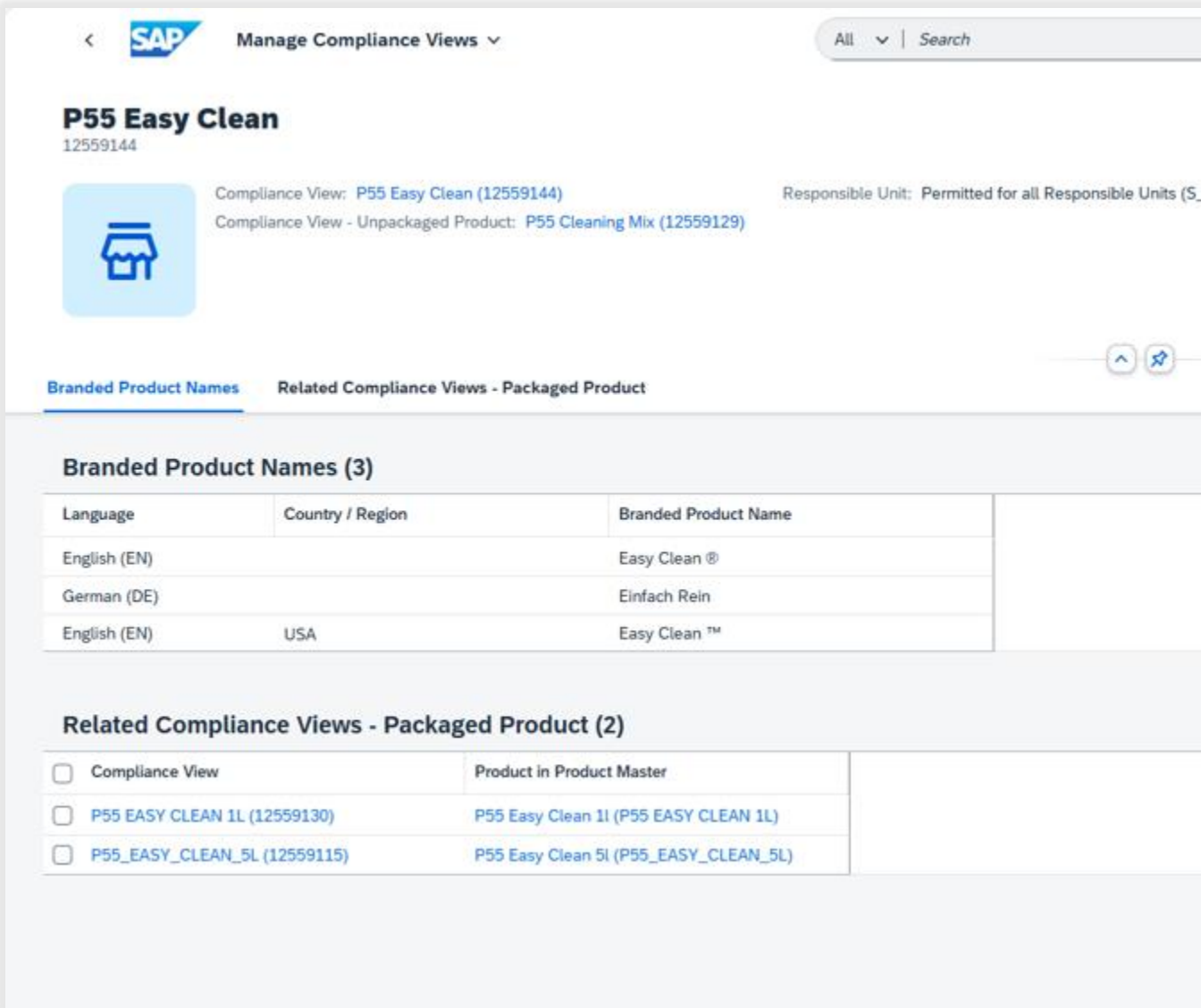
With this feature, foundational support for branded products in the safety data sheet (SDS) process is enabled.

Value proposition

- Ensure compliance and efficiently managing product information across multiple regions and languages
- Ability to utilize your brand in SDS generation

Capabilities

- Create and manage branded products
- Edit compliance information e.g. names, applications
- Enabled SDS shipment using brand name



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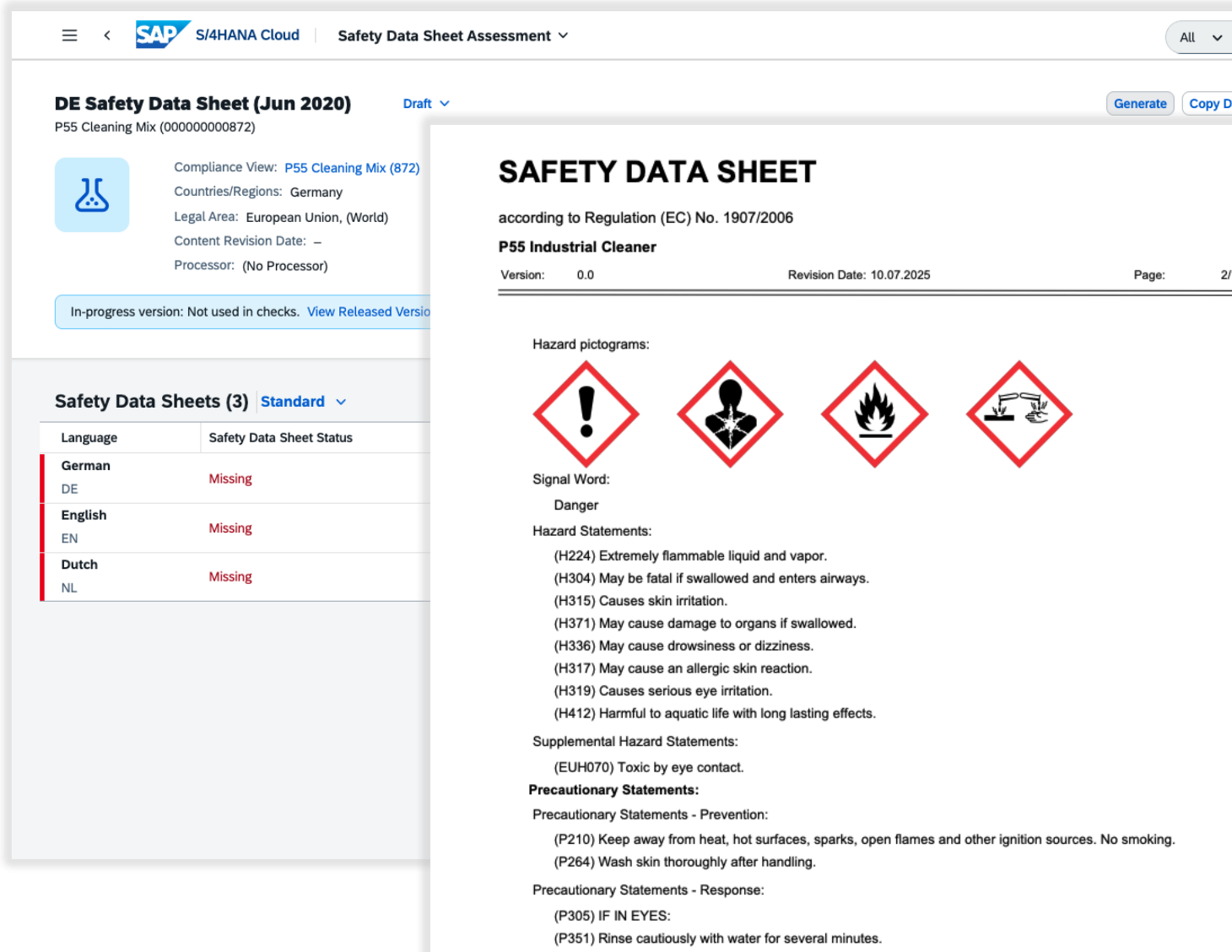
SAP S/4HANA Cloud for product compliance 2508

Safety Data Sheet Management: EU SDS Generation Functionality

With this feature, EU safety data sheet (SDS) generation covering sections 1-16, is provided.

- Integrated SDS generation with product compliance solution
- For selected scenarios and product groups
- Utilizing embedded GHS regulatory content
- Starter template following EU guideline is provided
- Customize template with Adobe Document Services
- Preview generated SDS



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SAP S/4HANA Cloud for product compliance 2508

Additional Features

Compliance Data Foundation

- Enable delivery of phrases, graphics, lists, listed substances, Compliance Requirement Versions for partners
- Continuous delivery of PMA and SDS compliance requirements

Product Marketability and Compliance

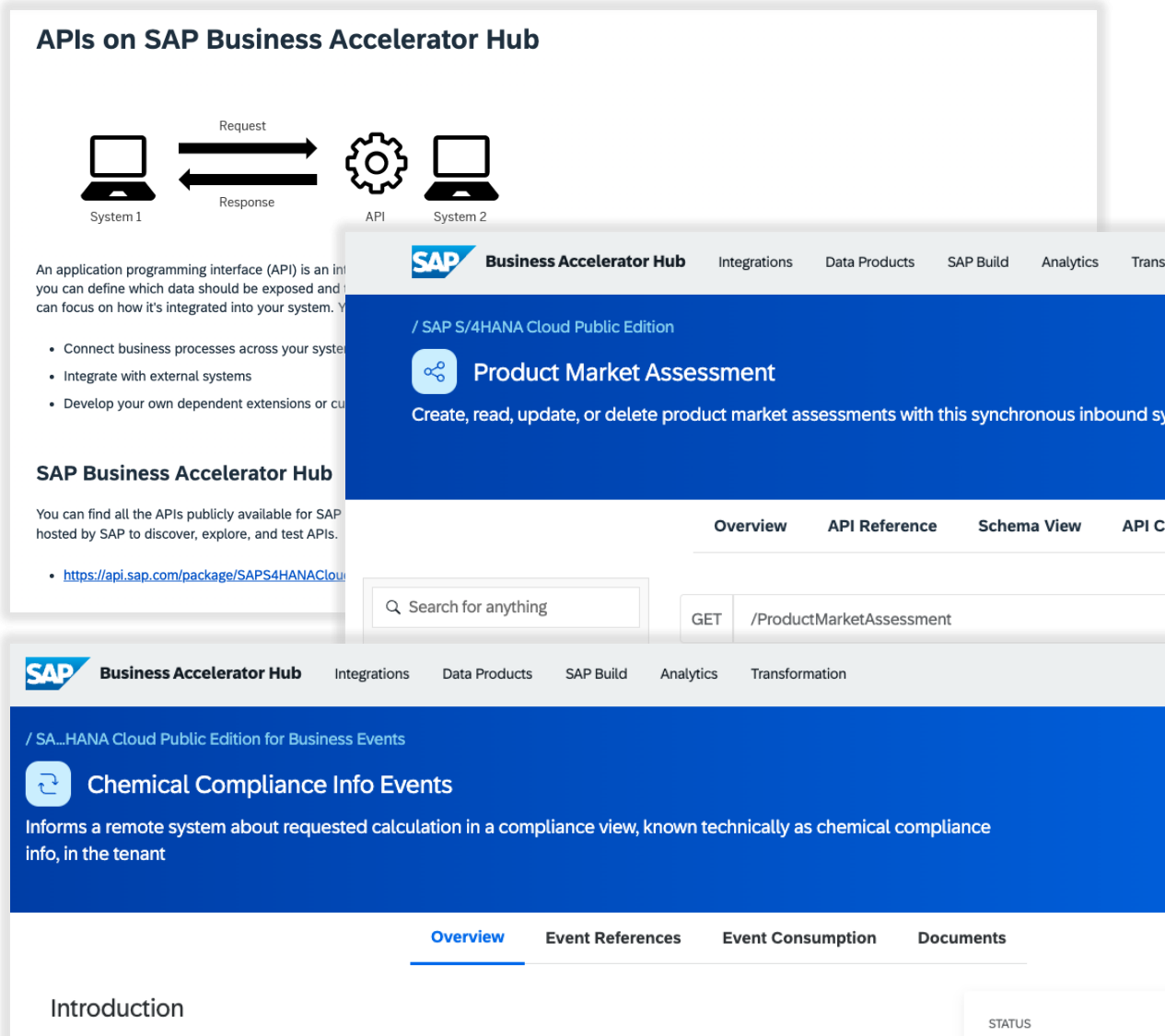
- Market Assessment API

Safety Data Sheet Management

- Management & shipment with multi-component products

Safety Data Sheet Authoring

- SDS generation for articles as such
- SDS data calculation support (APIs)



SAP S/4HANA for product compliance 2025

SAP S/4HANA Cloud Private Edition, product compliance

All capabilities

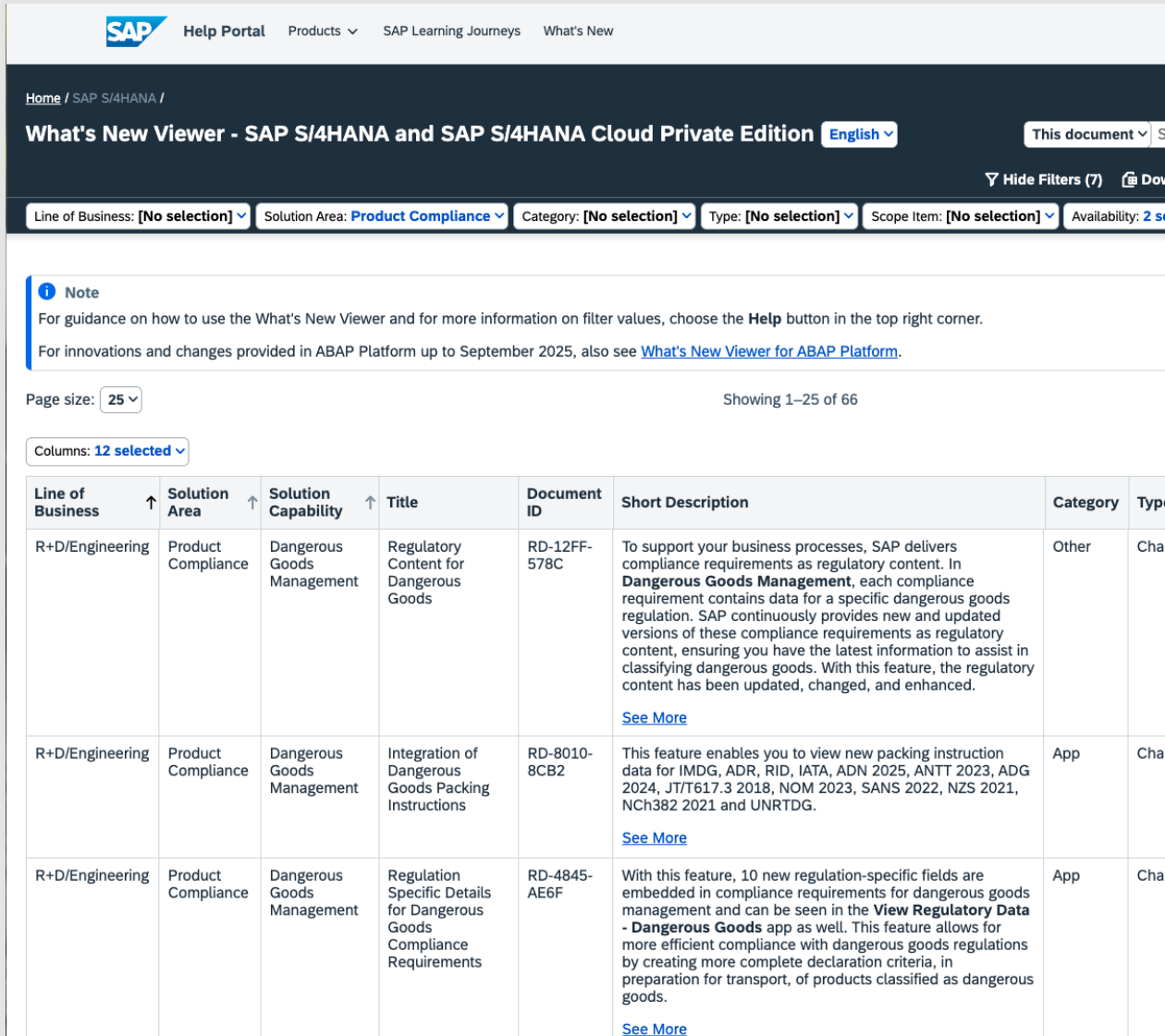
- All innovations from Public Cloud releases 2402, 2408, 2502, 2508

Dangerous Goods

- DG transport documents in Transportation Management

Product Marketability and Compliance

- IMDS interface: Enhance extensibility allowing customers to implement support for IMDS 15 compatibility
  (SAP S/4HANA PC Classic and downport to SAP (EHSM) PRC-DI)



Line of Business	Solution Area	Solution Capability	Title	Document ID	Short Description	Category	Typ
R+D/Engineering	Product Compliance	Dangerous Goods Management	Regulatory Content for Dangerous Goods	RD-12FF-578C	To support your business processes, SAP delivers compliance requirements as regulatory content. In **Dangerous Goods Management**, each compliance requirement contains data for a specific dangerous goods regulation. SAP continuously provides new and updated versions of these compliance requirements as regulatory content, ensuring you have the latest information to assist in classifying dangerous goods. With this feature, the regulatory content has been updated, changed, and enhanced. See More	Other	Cha
R+D/Engineering	Product Compliance	Dangerous Goods Management	Integration of Dangerous Goods Packing Instructions	RD-8010-8CB2	This feature enables you to view new packing instruction data for IMDG, ADR, RID, IATA, ADN 2025, ANTT 2023, ADG 2024, JT/T617.3 2018, NOM 2023, SANS 2022, NZS 2021, NCh382 2021 and UNRTDG. See More	App	Cha
R+D/Engineering	Product Compliance	Dangerous Goods Management	Regulation Specific Details for Dangerous Goods Compliance Requirements	RD-4845-AE6F	With this feature, 10 new regulation-specific fields are embedded in compliance requirements for dangerous goods management and can be seen in the **View Regulatory Data - Dangerous Goods** app as well. This feature allows for more efficient compliance with dangerous goods regulations by creating more complete declaration criteria, in preparation for transport, of products classified as dangerous goods. See More	App	Cha

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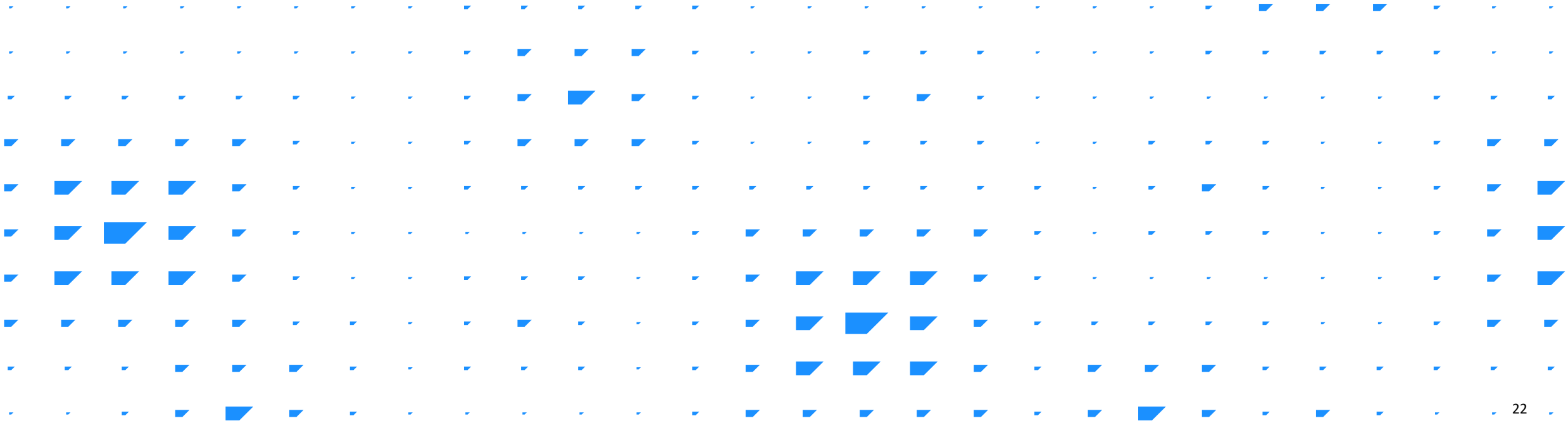
Outlook and Roadmap



Product Compliance: Outlook 2026

Planned feature highlights for next release

SAP Labs preview

SAP S/4HANA Cloud Public Edition, product compliance 2602:

Dangerous Goods

- Classify Products which contain multiple Dangerous Goods
- Support for products in logistic packing instructions in the apps Compliance Information, Regulation Update, Dangerous Goods Information for the value chain

Safety Data Sheet Management

- Enhance SDS generation with specific data for most commercially used products and add support for change marks
- Manage SDS for branded products
- Trigger SDS shipment from sales order processing
- Public APIs for Hazardous Ingredients, GHS Classification, GHS Labeling

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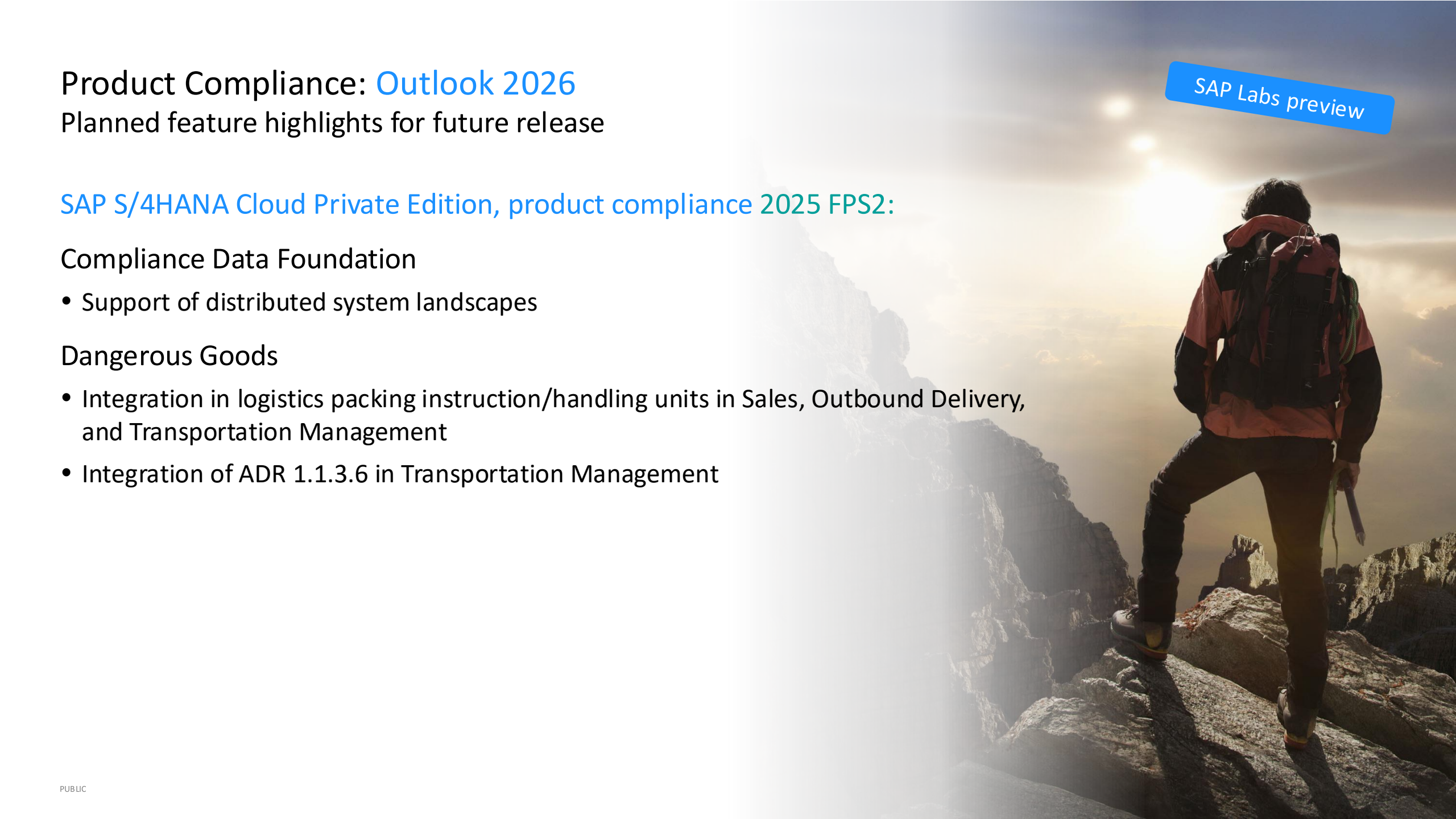
Product Compliance: Outlook 2026

Planned feature highlights for future release

SAP Labs preview



SAP S/4HANA Cloud Private Edition, product compliance 2025 FPS2:

Compliance Data Foundation

- Support of distributed system landscapes

Dangerous Goods

- Integration in logistics packing instruction/handling units in Sales, Outbound Delivery, and Transportation Management
- Integration of ADR 1.1.3.6 in Transportation Management

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Product Compliance: Roadmap Topics 2026 and beyond

SAP Labs preview

Compliance data foundation

- Field / Node extensibility
- Mass data maintenance
- Support for regulatory content from 3rd party provider
- Support for electronic data exchange
- Product Structure, BOM sync, Basic Materials

Product Marketability

- Substance registrations management
- Substance volume tracking for additional business documents, and planned quantities
- Integration with IPD Specification Management
- Extended due diligence support (blocking, reporting, …)
- Declarable substance, SVHC/RoHS support

Dangerous goods management

- Support for automated DG classification
- Integration into EWM processing
- Support of transport emergency cards
- Support of dangerous goods in equipment

Compliance Document Management

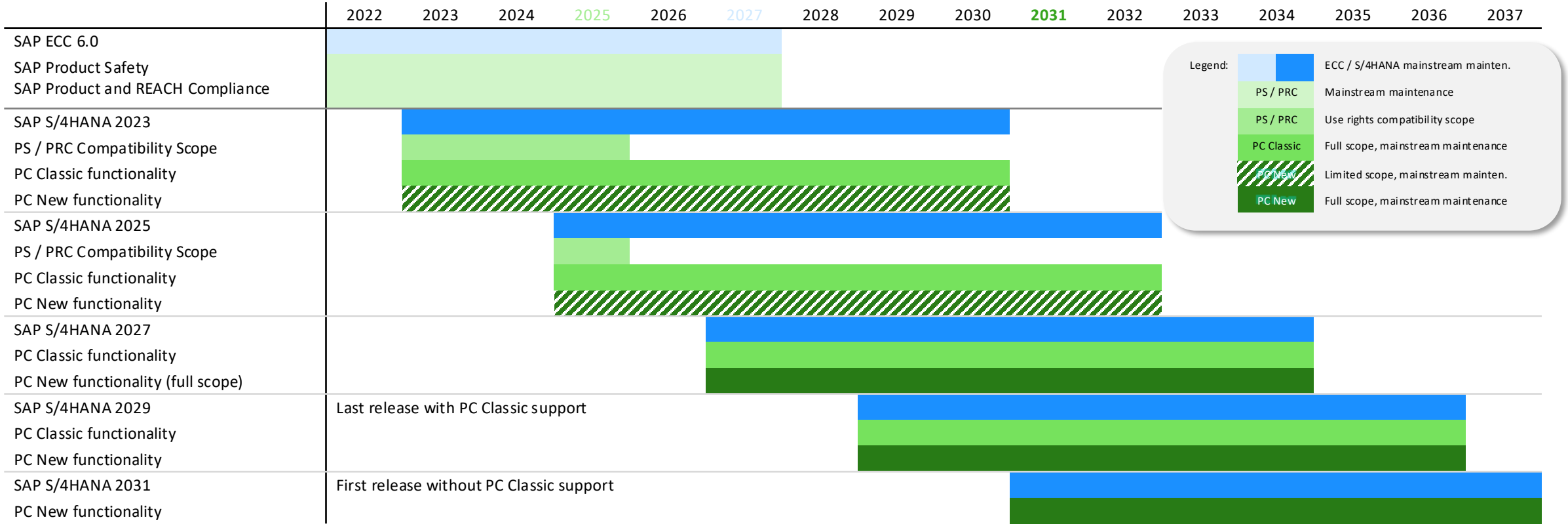
- Compliance information sheet
- Close gaps for integrated SDS authoring
- Support for SDS automation from content partner
- Automated label printing with partner solution

Link to SAP Roadmap Explorer

Product Compliance: Transition from ECC to S/4HANA

Availability, Use rights, and Mainstream maintenance

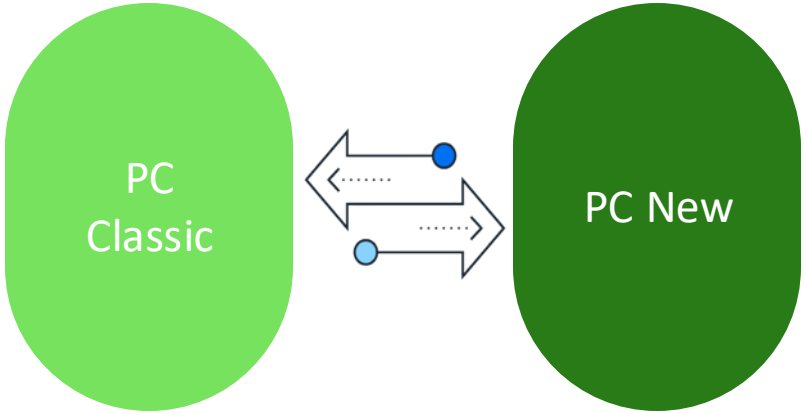
SAP Labs preview



"PC Classic" functionality will be set to "deprecated" with SAP S/4HANA 2025 for the use case "Product Compliance", and to "obsolete" or "decommissioned" with SAP S/4HANA 2031 - except for "Dangerous Goods Master Editing", and "Phrase Management". This functionality will be decommissioned on 31-December-2036 (for all SAP S/4HANA releases).
You can continue to use deprecated objects and functionality in releases 2025, 2027, and 2029 without limitations. SAP will provide no maintenance support for decommissioned functionality.

Product Compliance: Start your S/4HANA Transition with Hybrid Scenario

Hybrid scenario: Parallel use of classic and new capabilities



Benefits

- Support of full scope
- Ability to benefit from new functionality with its superior usability, process support, and embedded content
- Risk reduction due to stepwise migration to the new data model

Options

- Hybrid Adapter by 3E*
  - Process starts in classic or new solution with creation of products and compositions
  - Transfer of data to new solution for DG “final” classification to be used in checks and on documents
  - Transfer of data to classic for SDS document creation
  - Transfer of SDS document to new solution to be used in new SDS management and shipping
- PC Sync Tool and services by SAP Services / CIS*
  - Modular and extensible approach that can be adapted to customers’ needs
  - Multiple system scenarios (New+Classic in S4, Classic ECC/New S4, same or separate S4, …)
  - Option to also support data migration
  - First 2 customers live, more projects started

*) Separate license required / Additional cost might incur

Product Compliance: Resources

Product landing page

https://www.sap.com/pc

Videos

- Product compliance overview:
  - https://www.sap.com/assetdetail/2025/04/2c7d411f-037f-0010-bca6-c68f7e60039b.html
  - https://dam.sap.com/mac/u/a/BtWP6ch.htm?rc=10
- Product marketability: https://www.sap.com/assetdetail/2025/05/26c43bf0-057f-0010-bca6-c68f7e60039b.html
- Dangerous goods: https://www.sap.com/assetdetail/2025/05/92f291e1-057f-0010-bca6-c68f7e60039b.html
- Compliance document management: https://www.sap.com/assetdetail/2025/10/b2e818ab-267f-0010-bca6-c68f7e60039b.html
- Process integration: https://www.sap.com/assetdetail/2025/11/a419007f-2a7f-0010-bca6-c68f7e60039b.html

Roadmaps and innovations

- Product Compliance roadmap: https://roadmaps.sap.com/board?BA=40F2E9281A631ED892E96ED086EE20DC
- Product Compliance strategy (SAP note 3015382): https://me.sap.com/notes/3015382 — Updated
- Product Compliance consulting hints (SAP note 3033684): https://me.sap.com/notes/3033684

Training, functional details, help and discussion

- SAP Learning:
  - Product Compliance learning journey: https://learning.sap.com/learning-journeys/introducing-sap-s-4hana-for-product-compliance — New
  - Exploring SAP S/4HANA for Product Compliance 2022: https://learning.sap.com/learning-journeys/exploring-sap-s-4hana-for-product-compliance-2022
- Help portal:
  - Cloud (https://help.sap.com/S4_CE_PC)
  - On-premise (https://help.sap.com/S4_OP_PC)
- Product Compliance community: https://pages.community.sap.com/topics/product-compliance-applications

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Opportunities to Connect

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Sustainability Community on ASUG:

Sustainability Community on LinkedIn:

Upcoming ASUG Events:

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SAP for Utilities presented by ASUG
October 7-9
San Antonio, Texas

ASUG Tech Connect 2026
November 2-4
Fort Worth, Texas

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Thank you!