

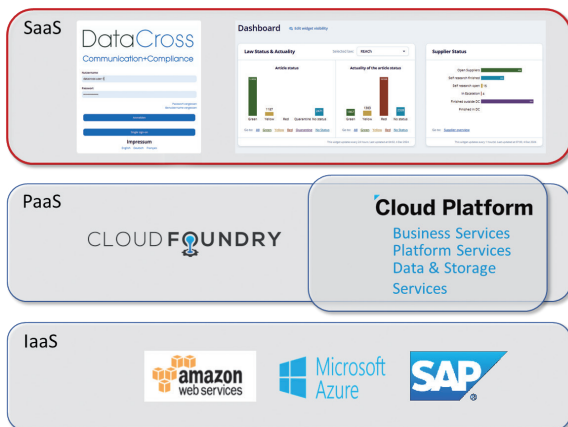


DataCross

Software and System Informationen

The DataCross platform

DataCross is offered as a SaaS solution (Software as a Service) on a development platform from Siemens/Mendix as PaaS (Platform as a Service). The necessary business services, platform services as well as data & storage and other services are realized on this platform. The platform can be hosted in all common clouds as IaaS (Infrastructure as a Service), such as the amazon cloud, the Azure cloud or the SAP cloud.



Mendix offers sophisticated technology for a powerful complete solution:

- ✓ Mapping of complex group structures
- ✓ Manage a large amount of master data (over 500,000 parts lists and 15,000 suppliers)
- ✓ Fast response and adaptation to dynamically changing requirements
- ✓ Combines all sustainability and compliance requirements in one platform, based on Siemens technology, with maximum system performance
- ✓ Maximum system security

Excellent ERP connection

Numerous connections and integrations are possible via various interfaces. The simplest connection is via an import/export from and to an Excel file that corresponds to a predefined „DataCross format“.

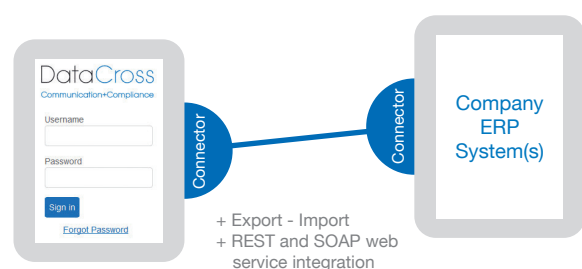
In addition, tec4U-Solutions offers an identity and access management system (currently KeyCloak), which also enables single sign-on for user sessions (including 2-factor authentication with various token apps). The customer's own identity provider (IdP) can also be integrated.

tec4U-Solutions' membership of the **SAP Partner** Edge OE guarantees the efficient and functional connection of the DataCross software world to the customer SAP world. DataCross can be used as a cloud solution or as an SAP front end.

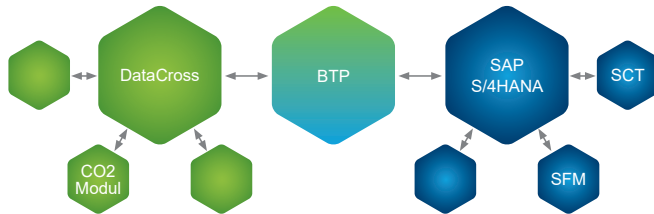
This is how the connection to your SAP world works:

DataCross can be connected to SAP (including on-premises solutions) via a wide variety of SAP connectors, e.g:

- SAP Cloud Connector
- SAP BAPI Connector
- SAP Data Models
- SAP XSUAA Connector



DataCross sends data to SAP via the SAP Business Technology Platform (BTP) using standardized APIs and interfaces.



First, the data is prepared in a secure format and transferred via an integration layer - for example via the SAP Integration Suite Service. The BTP acts as a central hub that processes incoming data and forwards it to the SAP systems (e.g. S/4HANA or SAP Analytics Cloud).

This process ensures reliable, scalable and traceable data communication with a high level of security and monitoring functionalities.

Your sustainability data in SAP

DataCross seamlessly integrates your data, such as CO2 footprint calculations, into SAP Sustainability Footprint Management (SFM) or the SAP Sustainability Control Tower (SCT) or EHS Health and Safety Management. Relevant sustainability key figures can be automatically transferred, aggregated and evaluated in real time. This enables precise analyses and targeted optimization of your sustainability strategies.

Extension application for Siemens Teamcenter

With Teamcenter, Siemens offers a powerful PLM (Product Lifecycle Management) application that links teams, data and processes to make product development simpler, faster and more efficient. In this context, DataCross serves the active information needs of the Teamcenter application with regard to sustainability data such as material compliance declarations or CO2 emissions. The combination of DataCross and Teamcenter offers you the following advantages, among others:

- ✓ Process-integrated compliance information for purchased parts in real time
- ✓ Integration of supplier data directly into Teamcenter. The DataCross application checks specifications and updates them dynamically - for seamless conformity throughout the entire product life cycle
- ✓ Risk minimization through the precise implementation of legal requirements and digitalized inspection processes
- ✓ Automatic updates on global sustainability requirements such as REACH, RoHS or CSRD

DataCross places the highest demands on system security and data protection

The DataCross software as such, as well as the platform on which it is operated, are regularly tested and operate in accordance with the highest security standards, including:

- ✓ **ISO 25010** standard for software quality
- ✓ **ISO 27001** Information Security Framework
<https://www.mendix.com/trust/>
- ✓ **ISAE 3402 Type II**: this means that SOC 2 reports can be obtained „confidentially“ on request



DataCross is hosted by a German cloud provider (AWS, Frankfurt) and it is ensured that all data remains within Europe (in accordance with the EU GDPR).

One of the safest places for compliance data is the DataCross cloud!

CLEVR – The software house „in“ of tec4U-Solutions GmbH

As part of the DataCross project partnership, CLEVR DE GmbH, which acts as a software house „in“ tec4U Solutions, complements the tec4U development team with the following tasks:

- Software technical specification implementation of the DataCross application
- Ensuring the operation of DataCross software
- Technical support for DataCross

As a medium-sized software company with more than 250 employees and 27 years of experience, CLEVR operates worldwide with its own locations mainly in Europe in the Netherlands, Germany and Norway. CLEVR sees itself as a partner and „Center of Excellence“ for individual software solutions. In particular, the focus is on the digitalization of products and processes and the implementation of new business models - i.e. the creation of business applications in the cloud. (<https://www.clevr.com>)



DataCross – sustainability meets efficiency

With the Sustainability Compliance Solution DataCross, companies can manage complex and dynamic sustainability requirements automatically, efficiently and economically. This not only saves time, but also ensures that marketable products can be brought to market safely and sustainably.

DataCross provides you with a complete solution that makes sustainability simple, economical and legally compliant for you.



Any questions?

Stefanie Huber

+49 681 92564 122

s.huber@tec4U-solutions.com

tec4U-Solutions GmbH

Saar-Lor-Lux-Straße 13

D-66115 Saarbrücken

www.data-cross.de

Do you want uncomplicated, tried-and-tested solutions for fast and economically viable success?
Get in touch with us! Sustainability is achievable!