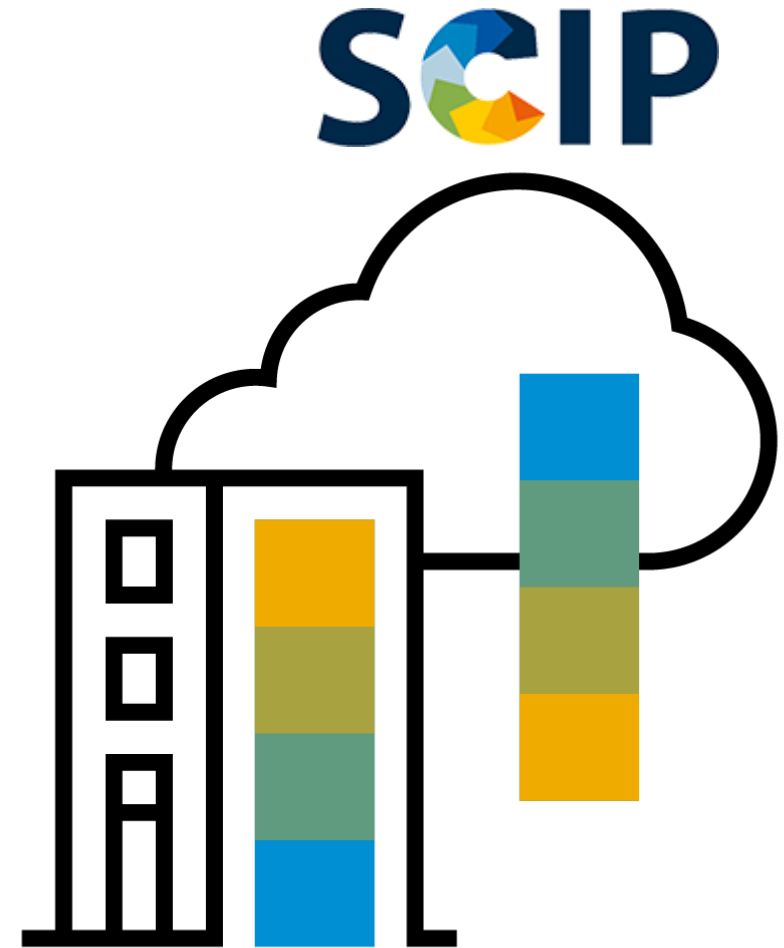


# Submit SVHC Information to SCIP Database with SAP Product Compliance Solutions

## Solution Overview

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January 2021

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# What is SCIP, SVHC, REACH, and ECHA?



**SCIP** is short for **S**ubstances of **C**oncern **I**n articles, as such or in complex objects (**P**roducts)

As from January 5, 2021, companies supplying articles containing **SVHC** have to submit data to the **SCIP** database.

Every company supplying (placing on the market) articles containing **SVHC** in the EU needs to provide this data.

Data can be provided manually via a website or system-supported by using an API, both provided by the **ECHA**



**SVHC** is short for **S**ubstance of **v**ery **h**igh **c**oncern, a chemical substance concerning which it has been proposed that use within the EU be subject to authorisation under the **REACH** Regulation.

As per **REACH** Article 33, “Directly after a substance is included in the Candidate List, suppliers of articles which contain such a substance in a concentration above 0.1% (weight by weight) have to provide enough information to allow the safe use of the article to the recipients of the article. [...] As a minimum the name of the substance in question has to be communicated.”

The candidate list (a list of all **SVHCs**) includes 209 substances as of today, however it is updated every six months by the **ECHA**.



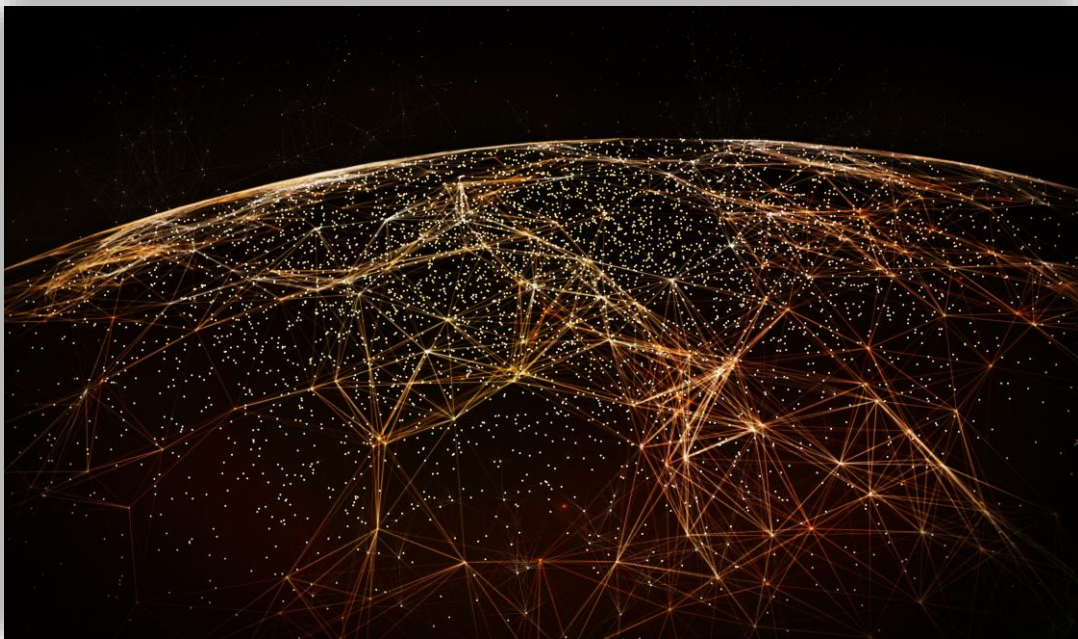
**REACH** is short for **R**egistration, **E**valuation, **A**uthorisation and **R**estriction of **C**hemicals, an EU regulation



**ECHA** is short for **E**uropean **C**hemical **A**gency, an EU agency

# How do you want to report data in the 2020s?

Data can be provided manually via a website or system-supported by using an API, both provided by the **ECHA**



We live in a digitized world



We are on our way to a circular economy

→ **Today's technology enables us to report data efficiently and effectively**

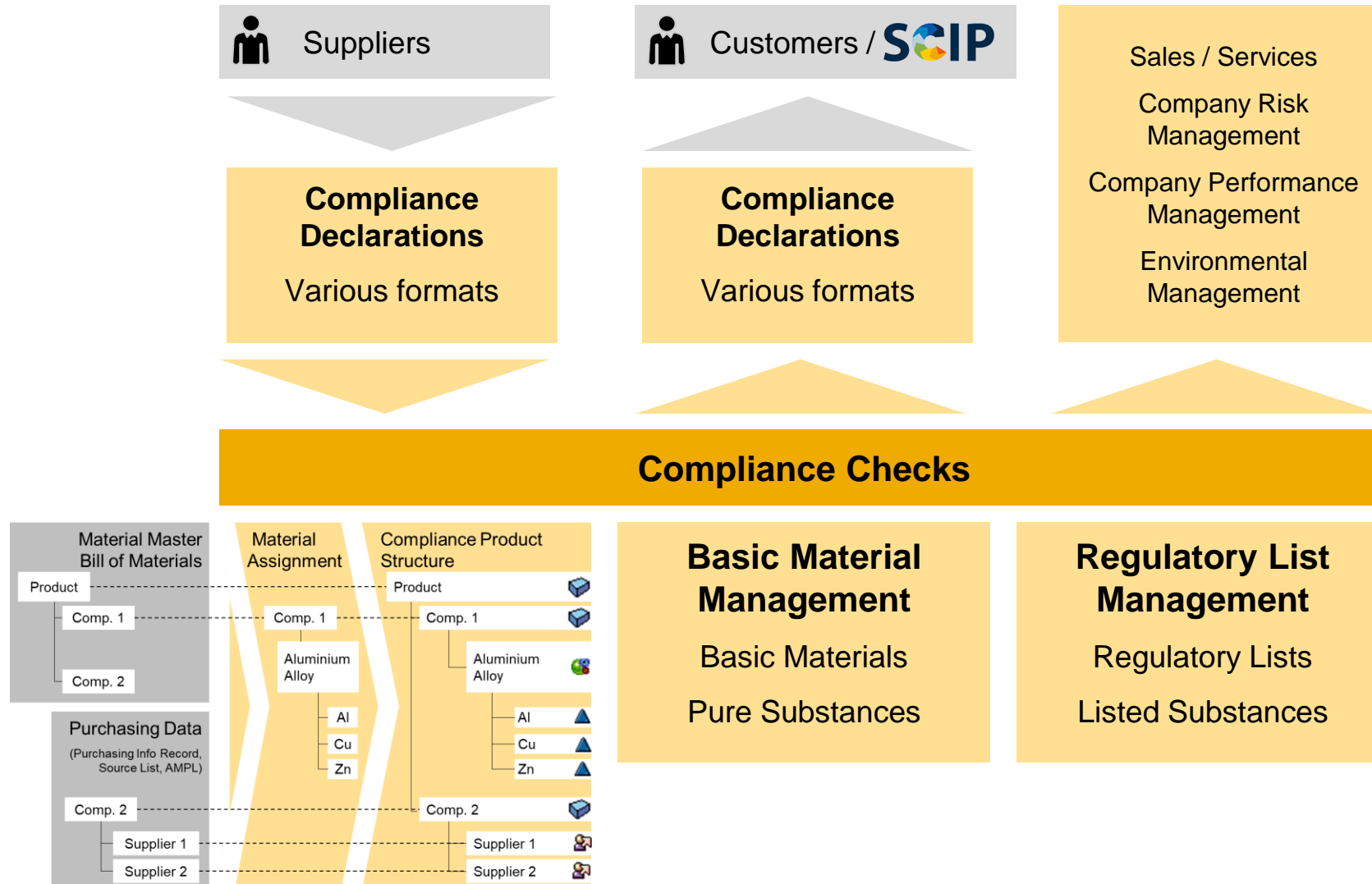
# Naming

In this presentation, we use the term **SAP Product Compliance solutions** to describe certain SAP standard solutions for handling product-related regulatory requirements like REACH Art. 33 and ROHS.

- SAP product and REACH compliance
  - An add-on for SAP ECC (prerequisite: EHP7 or higher)
  - Formerly knowns as SAP EHSM product and REACH compliance
  - Also colloquially known as EHSM, EHSM PRC, EHSM Product Compliance,...
- S/4HANA for product compliance
  - Part of SAP S/4HANA core

With the **SCIP Solution**, we describe an SAP Consulting Solution to submit SVHC information to SCIP database based on a **SAP Product Compliance solution**.

# SAP Product Compliance **Functional Overview**



# Overview on the SAP SCIP solution

Status: The solution is productive and used by multiple companies



## SAP Product Compliance interface to CDX:

1. Send the required data out of SAP Product Compliance to CDX using an interface based on web services
2. CDX creates the SCIP dossier based on the received data and transfers it to the ECHA submission portal
3. The SCIP ID and the submission report will be sent back to CDX and a digest is transferred to SAP Product Compliance



# Overview on CDX



- **CDX** (Compliance Data Exchange) is a cloud portal solution from the company **DXC**
- **DXC** is an American IT company and SAP Partner
- **CDX** has built a best-in-class interface to the SCIP database
- Many existing SAP Product Compliance customers are already running the SAP **CDX** interface Consulting Solution for one or more of the following scenarios
  - Supplier Collaboration
  - Regulatory Content Synchronization
  - Conflict Minerals Declarations

# SAP has chosen CDX as collaboration partner for good reasons

- Every customer can profit from the best that each partner offers
  - **SAP** offers the best natively integrated on premise solution for handling Product Compliance data
  - **CDX** as a member of the SCIP IT User Group and cloud portal provider is in an ideal position to build and manage a direct interface to SCIP
  - **SAP Consulting** is the exclusive and experienced provider of a predeveloped interface between SAP and CDX
- The reliability of the interface is already proven in several customer implementations
- Using one interface for multiple scenarios keeps the number of interfaces low



Additionally, those customers who are already running the SAP CDX Interface can leverage the existing interface for an even faster and leaner implementation of the SCIP solution.

# SCIP solution

## Some screenshots

My Work (4) Easy Search (1) **Search Products (2)** Favorites (0) Recent Products (4) Changed Products (10)

Change Query

Product Name:  To

Material:

Include Nonsalable Assemblies:

Search Materials with no Assessment:

Compliance Requirement: REACH-SVH

Compliance Status: Duty-To-Declare

Compliance Revision Status:

Check Status:

Document:  To

\* Maximum Number of Results (< 100,000):

N10A:

Apply Clear

View: RR

Status	Material	Product Name	Salable	BASE	REACH-SVHC
	341	Fan M21	Yes		
	352	Fan M21-2	Yes		

### Product Compliance: Fan M21

Save | Switch to Compliance Documents | Switch to BOM Overview | Start Collaboration | You can also

Name Fan M21 Material 341 Specification 1029658 Drawing Category Product or Product Part Salable Yes

#### Compliance Requirement Revision

Compliance Requirement	Check...	Check Result	Comp...	Compliance Status	Revision Status	Regulatory List Revision	Valid from	Valid to	Reassess
REACH SVHC		Released		Duty-To-Declare	Released	EU REACH SVHC - 190...	26.01.2021		

#### Compliance Product Structure

Overview | Weight and Composition | **Declarable Substances** | Documents | SCIP | Family Declaration | CDX MDS | Admin

Product: Fan M21 (341)

- Motor assy.set M2X (343)
- Motor assy.set M2X (343)
- 1,3-Propanesultone (1120-71-4)
- Cable VSK0X (350)
- Cable VSK0X (350)
- Lead (7439-92-1)

#### Basic Information

Name: Fan M21 Edit Material: 341

#### Compliance Information

Compliance Status: Duty-To-Declare Regulatory List Revision: EU REACH SVHC - 1907/2006/EC : 2018-06-27 Declaration Type: Calculated Declaration Progress: Complete Remark: Edit

Prohibited Substances: Not contained  
Declarable Substances: Threshold Exceeded  
Classification: Article

#### Substance Declaration

Sta...	Declarable Substance...	CAS Number	Contained	Pro...	Conc...	Unit of...	Contained in
	Lead	7439-92-1	Intentionally Added	<input type="checkbox"/>	2	%	Cable VSK0X
	Lead	7439-92-1	Intentionally Added	<input type="checkbox"/>	5	PPM	Housing unit M21
	Cadmium	7440-43-9	Intentionally Added	<input type="checkbox"/>	0,5	PPM	Housing unit M21
	1,3-propanesultone	1120-71-4	Intentionally Added	<input type="checkbox"/>	0,75	%	Motor assy.set M2X

### Display/change Queue

Upload to CDX or SCIP | Download Result from CDX | Get Submission Report | Display Submission Report

Status	Upload - Status	Material	Spec.	Material Description	Send2SCIP	CDX Job ID	CDX ID	ECHA JobID	SCIP ID	Log number	Cre...
	40_SUCCESS	341	1029658	Fan M21	X	24.251	2183387	12.585	7e1fdbb2-b790-4156-8fb6-d15ea9c28a6b	0000000000000991934	26.0
	20_RES_CD	341	1029658	Fan M21		24.251	2183387	0		0000000000000991933	26.0
	22_ER_CD	ZHAR SCIP PROD 01	1029516	Salable product for SCIP 01	X	24.230	2183162	0		0000000000000991290	02.0
	22_ER_CD	YDD01-1000	1022713	Power Jet 500	X	24.231	1112088	0		0000000000000991227	08.0
	20_RES_CD	ZHAR SCIP PROD 01	1029516	Salable product for SCIP 01		24.229	2183162	0		0000000000000991289	02.0
	20_RES_CD	ZBE-000	1029481	BE Product		24.227	2183351	0		0000000000000991287	08.0
	20_RES_CD	ZRB HY 001	1029511	ZRB HY Product		24.228	1112960	0		0000000000000991288	08.0
	20_RES_CD	ZMK55-1000	1029451	PowerJet500		24.225	1112059	0		0000000000000991285	24.0
	20_RES_CD	ZSI-1000	1029469	3D Sensor 1000		24.226	2183346	0		0000000000000991286	21.0
	20_RES_CD	ZKI-000	1029333	KI Product		24.222	2183332	0		0000000000000991282	21.0
	20_RES_CD	ZRB SC M 02	1029342	Test Material 2		24.223	2183334	0		0000000000000991283	21.0
	20_RES_CD	ZWN-PROD01	1029391	WN Product 01		24.224	2183336	0		0000000000000991284	21.0

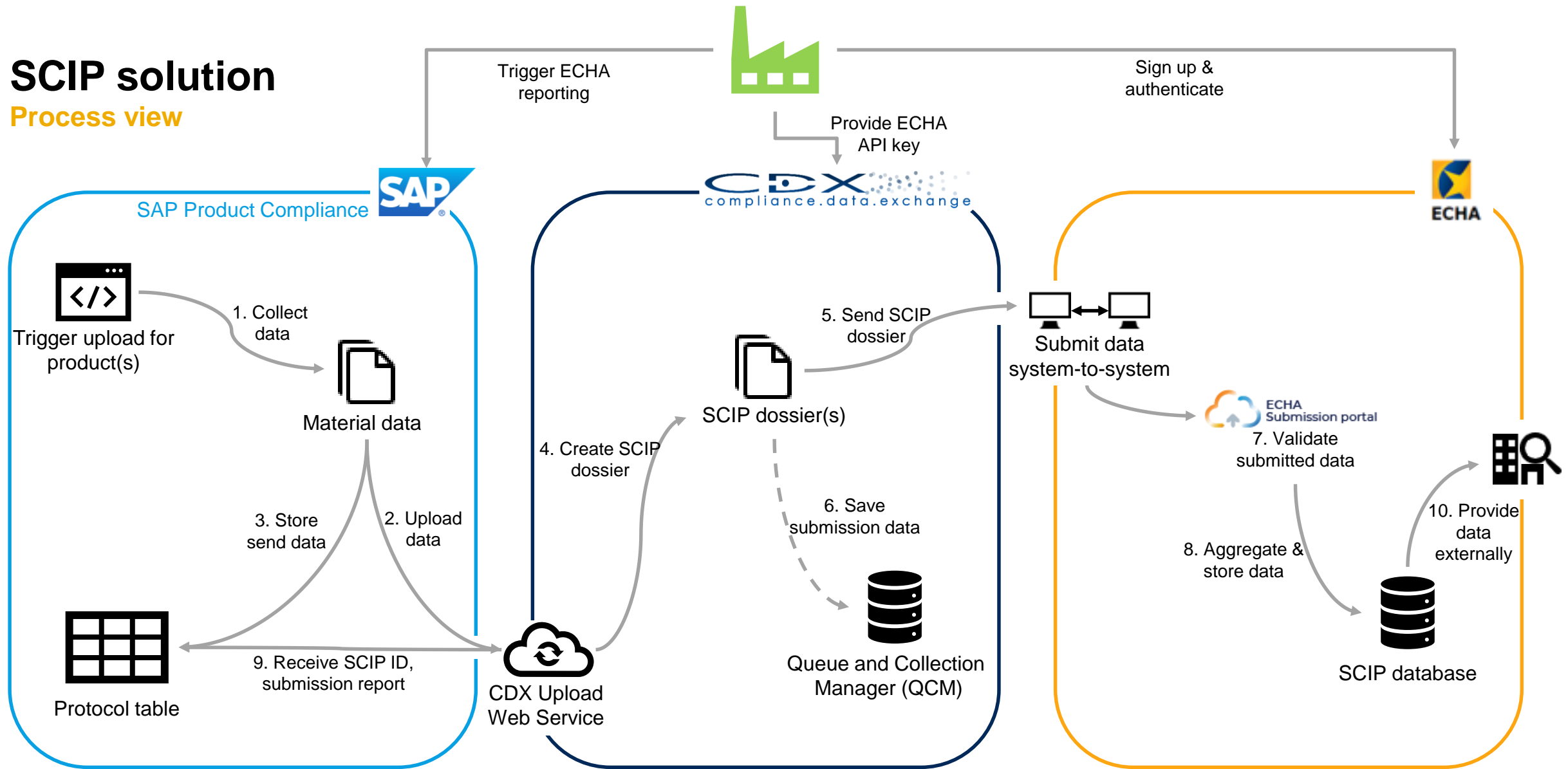
# SCIP solution

## System Demo

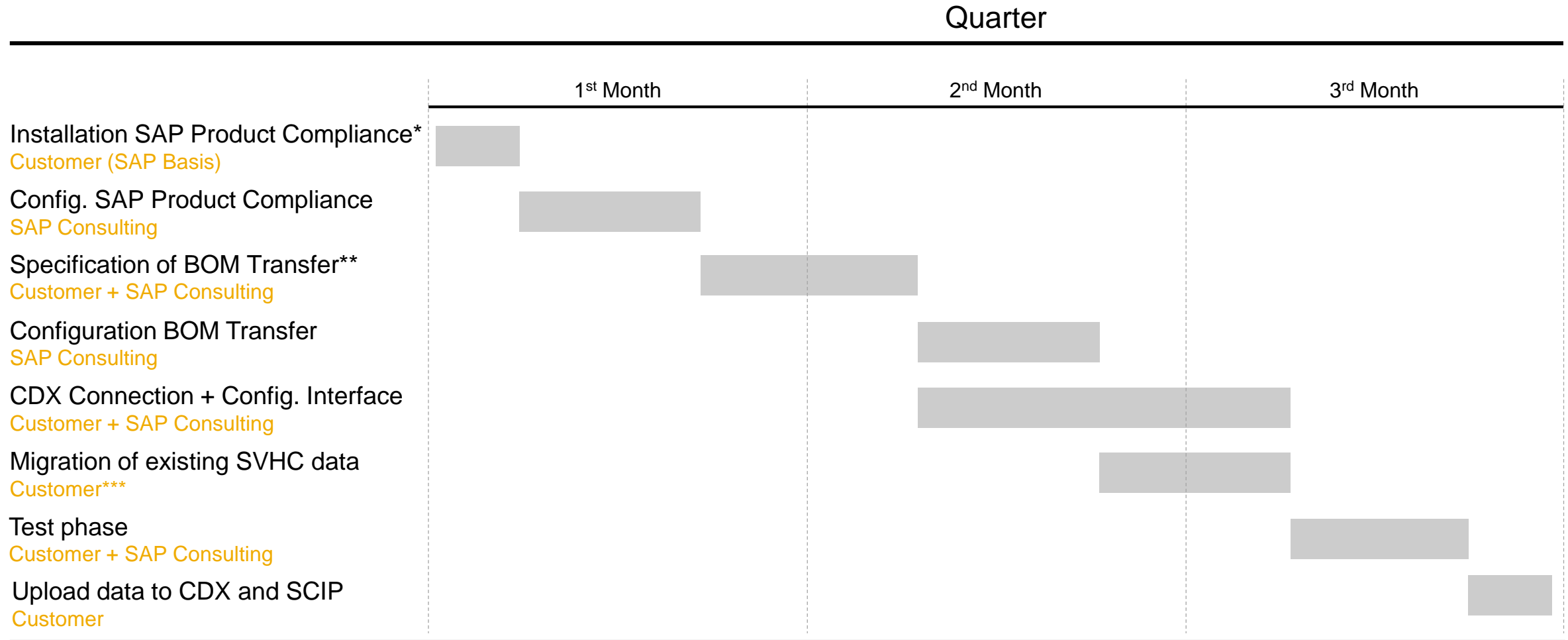
Feel free to ask for a recording

# SCIP solution

## Process view



# Implementation Approach – Template for **new** SAP Product Compliance customers



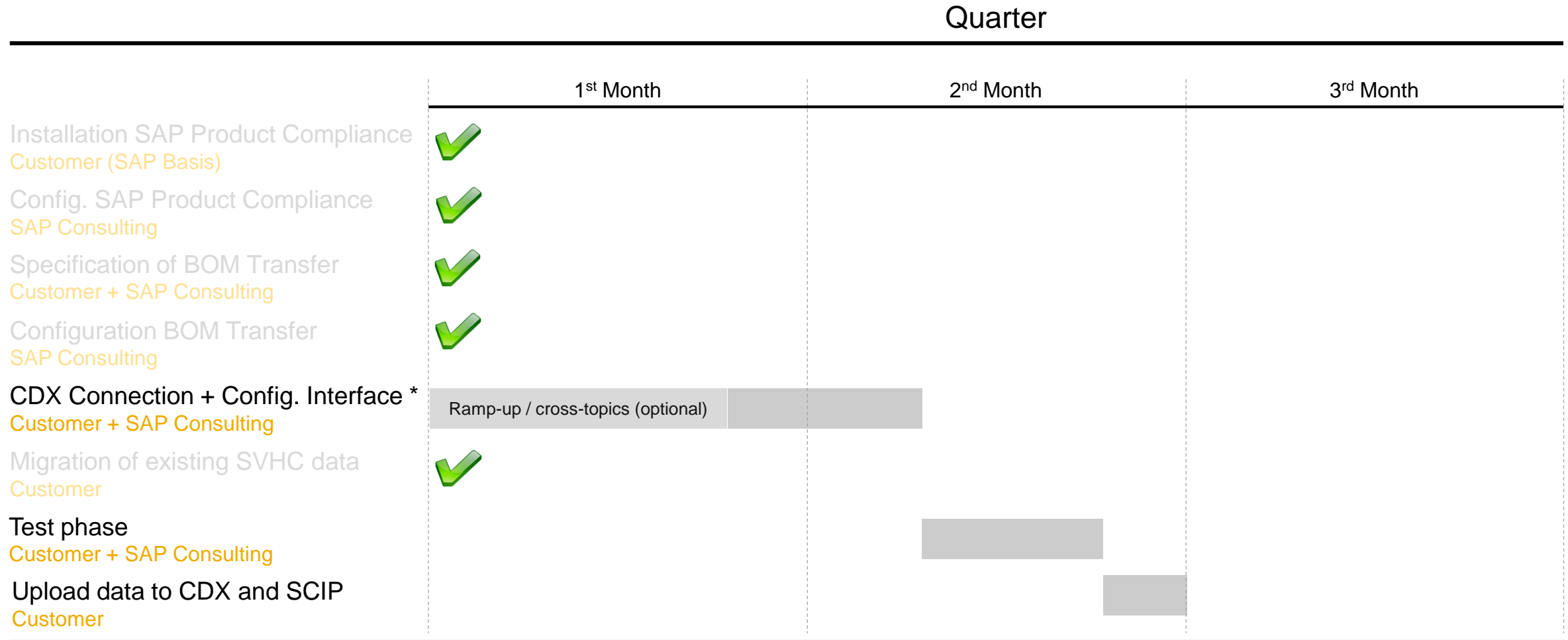
█ Duration

\* Only needed for ECC (not for S/4HANA)

\*\* Using a standardized questionnaire

\*\*\* Leveraging tools from SAP Consulting

# Implementation Approach – Template for **existing** SAP Product Compliance customers



■ Duration

\* One week instead of two weeks for customers who are already using the SAP CDX Interface

# Pricing – Overview

Customer Status	Standard Implementation of SAP Product Compliance	SAP Consulting Solution: SAP CDX Interface Base Component	SAP Consulting Solution: SAP CDX Interface SCIP Scenario	SAP Consulting: additional support and advisory for SCIP Solution	CDX License
	Time & Material	Fix Price	Fix Price	Time & Material	
New *	30+ person days **	35,000 €		0-10 person days **	13,500 € ***
Existing without SAP CDX Interface	n/a			0-10 person days **	13,500 € ***
Existing with SAP CDX Interface	n/a	n/a	20,000 €	0-10 person days **	n/a

\* Meaning SAP Product Compliance is currently neither being implemented nor productively used. These customers need to have a license for SAP Product Compliance, which needs to be clarified with their respective SAP Account Executive (AE).

\*\* The exact effort can be estimated after a scoping workshop. See next slide for prerequisites and scope of standard implementation.

\*\*\* as per [https://public.cdssystem.com/en/web/cdx/ordering\\_mds](https://public.cdssystem.com/en/web/cdx/ordering_mds). SAP is not responsible to provide this information and guarantee its correctness.



# Prerequisites and Scope of **Standard implementation**

## Prerequisites (simplified):

- System Access for SAP Consulting (incl. users and required authorizations)
- SAP Logistics data available (most importantly BOMs, material master, purchasing data)

## Scope (simplified):

- Standard configuration of SAP Product Compliance
- Custom-specific configuration / development for up to 10 person days
- Test support, User Training, Technical Handover
- Go-Live support and Hypercare

# Scope of Fix Price Packages for **SCIP Solution**

In the Fix Price package for customers **with existing SAP CDX Interface** (20,000 €), the following scope is included:

- Provisioning and import of SAP transports
- Provisioning of master guide and documentation (in English)
- Synchronization of pure substance data
- Configuration of the solution
- Technical test in customer environment
- User training and technical handover

In the Fix Price package for customers **without existing SAP CDX Interface** (35,000 €), the following scope is included *in addition*:

- Configuration of web services on up to three systems (e.g. Dev, Test, Prod)
- Test of web service configuration
- Technical Handover of web service configuration to customer

# Up to 10 days for additional support and advisory for SCIP Solution

## What could that be?

SAP Consulting can assist with

- Reviewing and preparing required SAP Logistics data
- Adaptions to consider major customizations in existing system
- Migration activities
- Customer specific developments and data maintenance
  - For example: material classifications, TARIC codes, ...
- Adaptions of the solution until the end date of the implementation project

# Thank you.



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# Appendix

# Appendix: Service Definition of the Consulting Solution “SAP-CDX Interface”

- The SAP-CDX interface is a Consulting Solution by SAP Consulting.
- It is SAP’s most comprehensive offering for product compliance supply chain collaboration in discrete industries.
- It is delivered as a service, not as a product.
- To ensure support after the delivery of the service, SAP Consulting and the customer define and execute a knowledge handover plan as part of the service.
- After the end of the service contract, the customer is fully responsible for the support. This can be done in various ways: Provide support internally, by a 3<sup>rd</sup> party, or by requesting respective services from SAP Consulting.
- SAP Consulting is regularly updating the Consulting Solution and adding new functionality. Customers can buy this as a service from SAP Consulting.
- For any forward-looking information regarding potential changes of the scope of SAP standard solutions, please see the official roadmaps or contact SAP solution management.