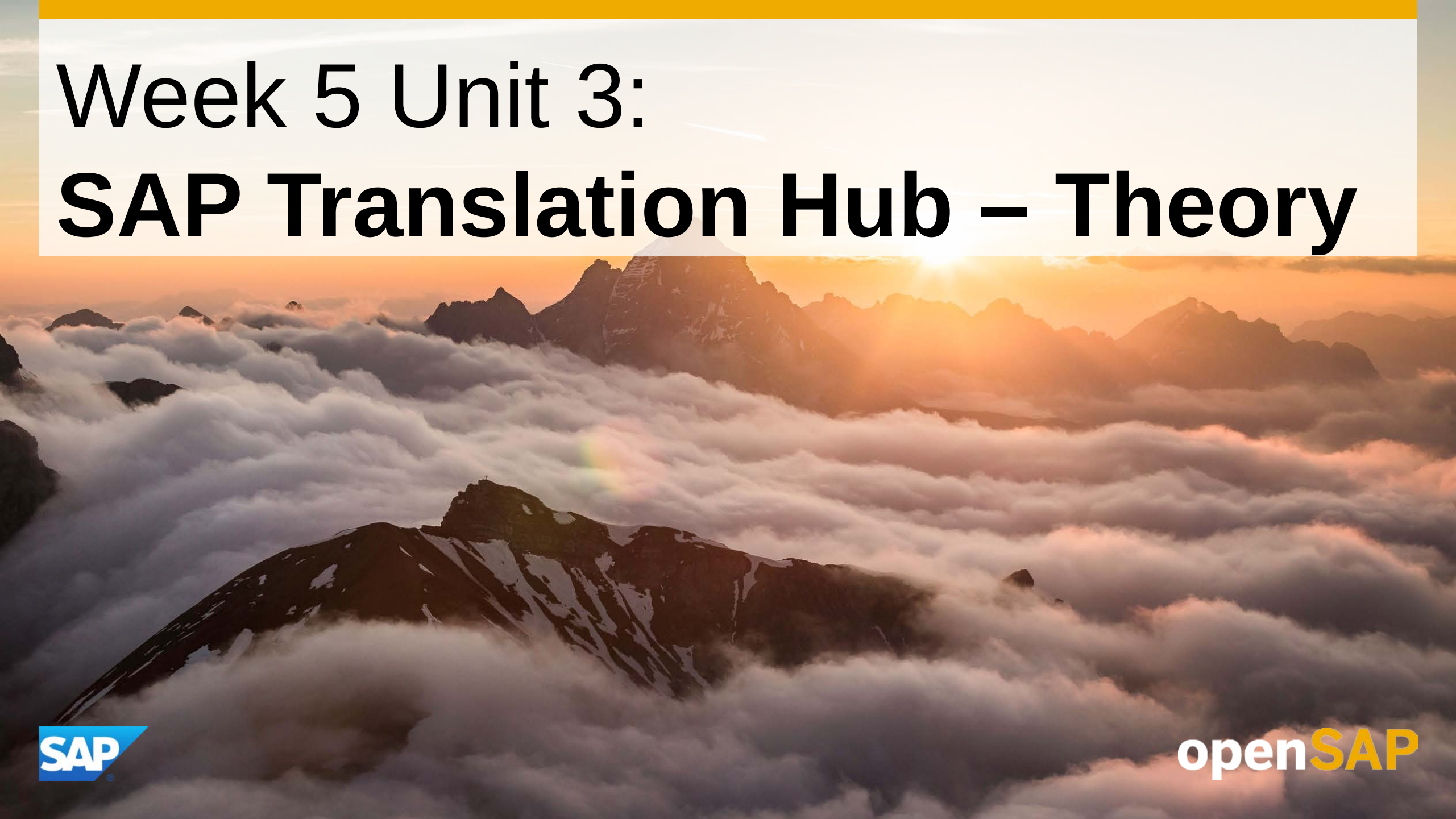
Week 5 Unit 3:
SAP Translation Hub – Theory



SAP Translation Hub – Theory

Motivation

A successful application has to target a global audience, and software needs to speak its language.

Developing UIs in multiple languages is costly and complicated.

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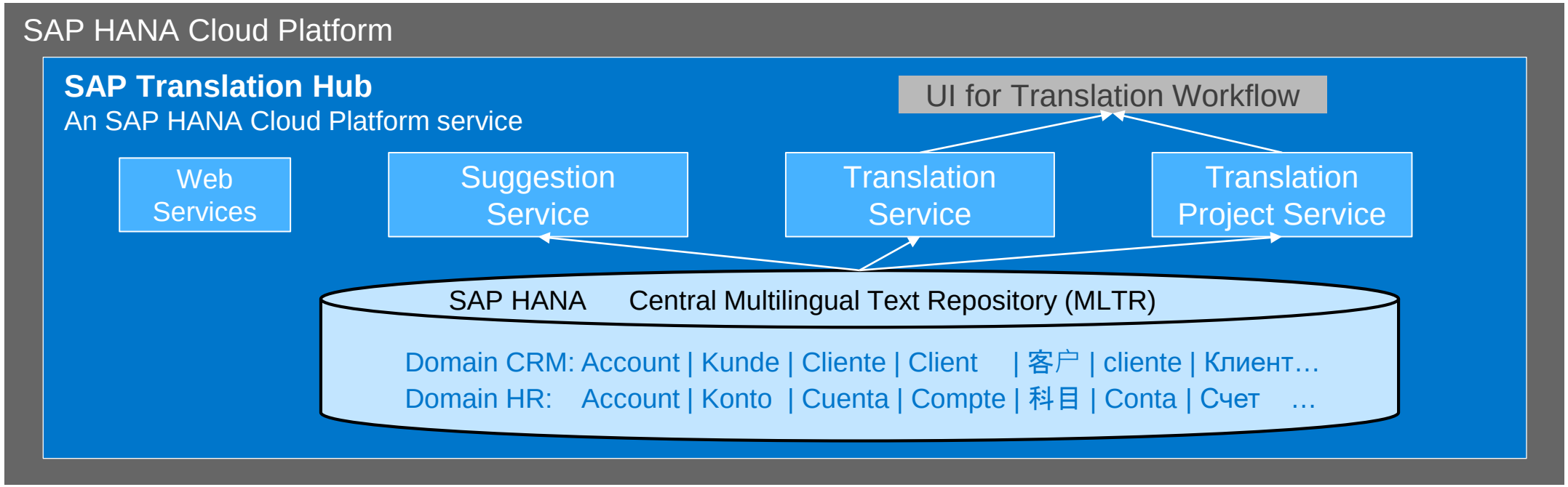
SAP Translation Hub – Theory

Basic idea

UI texts like “Advanced Search”, “Save”, “User Settings”, or “Account” can be found in many applications and have already been translated for different SAP products in up to 39 languages.

SAP Translation Hub is an SAP HANA Cloud Platform service that opens the door to the wealth of SAP’s translation assets accumulated over 30 years across multiple products and languages.



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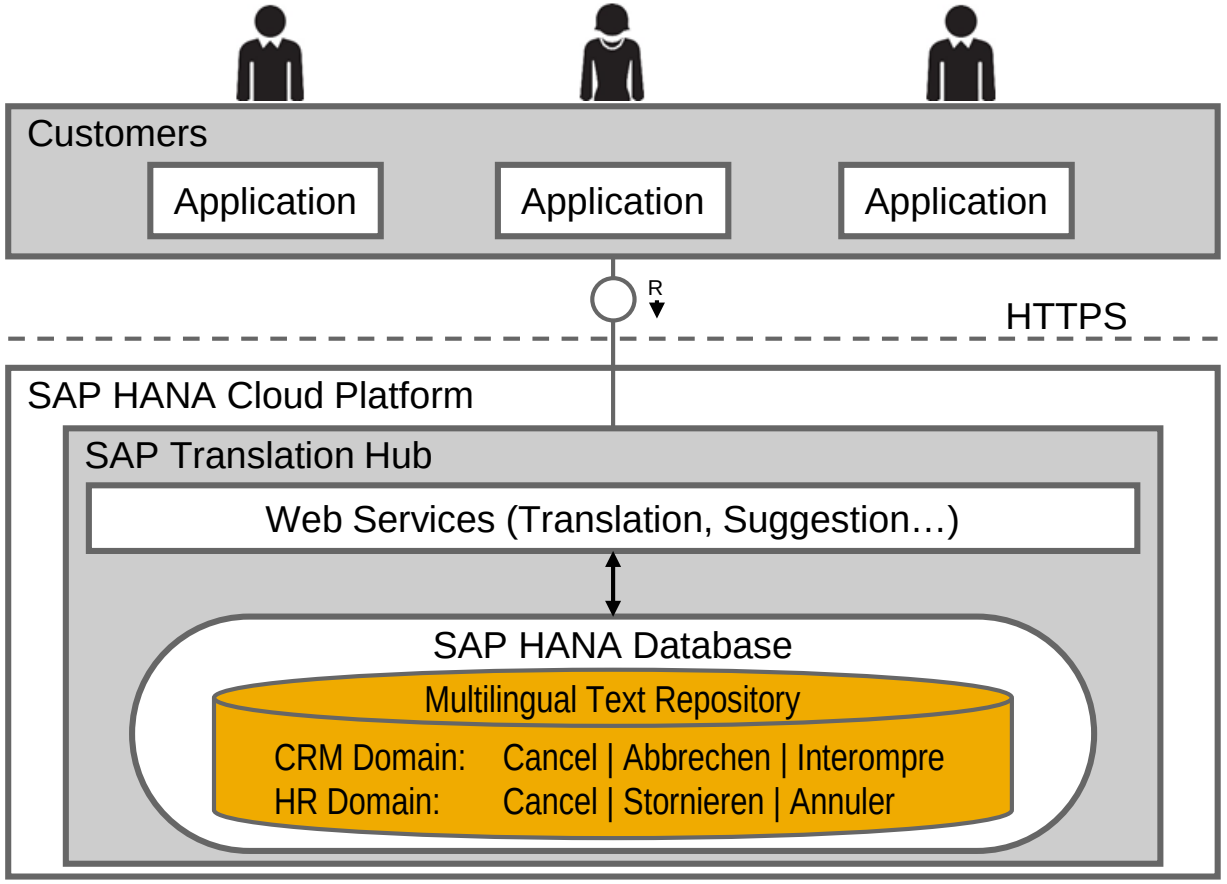
SAP Translation Hub – Theory

Overview

SAP Translation Hub enables you to translate texts by accessing records in a central, multilingual text repository based on the SAP HANA database using a range of Web services.

Key capabilities

- Enables you to reuse translations in a central repository to extend an existing app or develop new apps
- With application-specific translation capabilities, you can translate your UI texts in minutes
- Set of REST services that you can use to access the multilingual texts in the database
- Build your own tools to draw on the possibilities that SAP Translation Hub offers



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SAP Translation Hub – Theory

Benefits for different roles

Developer

- Seamless integration into the HCP development tools
- Save time by reusing texts
- Use verified English source texts and avoid typos etc. by using suggestion service
- Verify translation on the UI during development phase

Translation Administrator

- Improved efficiency of global operations
- Provide local key users or translation agencies easy Web access for post-editing tasks

Manager

- Cost savings
- Agility
- Improved global rollout in subsidiaries
- Increased revenue in target markets
- Enhanced go-to-market with new apps

End User

- Faster availability of apps in own language
- Better User Experience through consistent SAP terminology

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SAP Translation Hub – Theory

Available and planned use cases

Non-ABAP developer creating a UI translation for their own app as integrated part of the development process

Relevant use case for the demo in unit 4

Consumption of SAP Translation Hub in other SAP products
(e.g. SAP Cloud for Customer and SAP Business ByDesign (both in planning))

SAP Business Suite or SAP S/4HANA customer translating customer-specific ABAP short texts *(in planning)*

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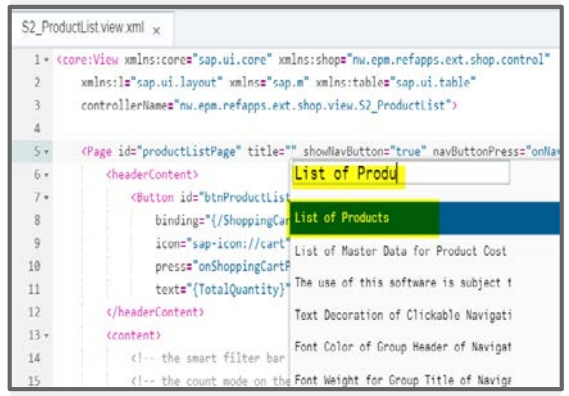
SAP Translation Hub – Theory

Use case in detail: Non-ABAP developer creating a UI translation

1.

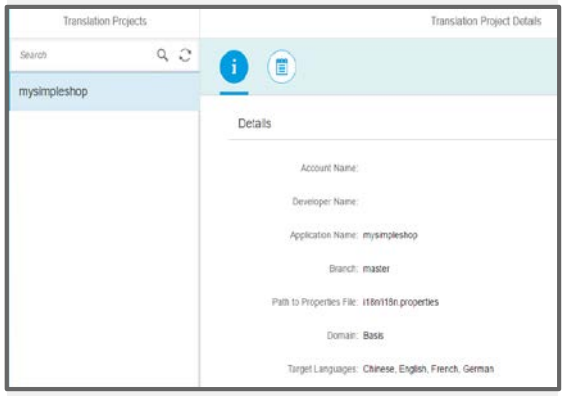
Non-ABAP developer creates new UI labels by reusing quality-assured English source text from SAP Translation Hub

(available for SAP WEB IDE; planned for Eclipse)



2.

Developer defines target languages and calls pre-translations for source texts from SAP Translation Hub

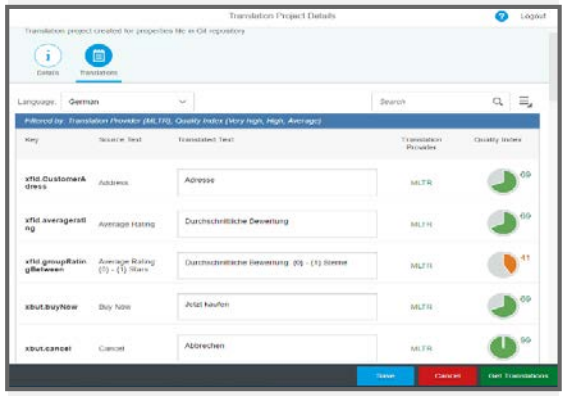


3.

Developer can review translations on generated UIs immediately

4.

Developer, local key users, or translation agencies can centrally access list of translation-relevant texts, edit translations, and review translated UIs



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SAP Translation Hub – Theory

What you've learned in this unit

- What SAP Translation Hub is
- What the benefits of using SAP Translation Hub are
- What the use cases for SAP Translation Hub are
- What the non-ABAP use case is in detail

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