



Projekt:
Refdata

Topic:
User Guide: API Portal Refdata



Version: 1.0

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Klassifikation: Projektgebrauch

Datum: 2026-02-25

Generiert am: 25 Feb 2026 - 08:33:46

Generiert von: <http://refdata.nowhow.ch/>

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1 General

1.1 Purpose of the Document

This document provides a concise user guide for the API Portal Refdata. It describes the available products, explains how to obtain and use an API key for authentication, and outlines how to access the services. The guide is intended to support developers and integration partners in successfully connecting to and using the Refdata API services in both production and test environments.

1.2 Change Control

Version	Date	Change	Approved by
1.0	25.02.2026	Document creation Version 1.0	Stefan Studer

2 Products & Access Overview

2.1 Overview of Available Products

Our API platform provides centralized access to our digital services. We offer two primary products:

- **Partner Public Online:**
Designed for real-time data download 'partners' via SOAP web services. This replaces the existing refdatabase download SOAP-Service.
- **Refdata Public Files:**
Used for retrieving daily updated static XML Files. This service provides access to ZIP-compressed files for bulk data processing (articles and partners).

2.2 Developer Portal

The Developer Portal is your central point for managing access and subscriptions to Refdata API services.

Portal Features:

- **Product Management:** Subscribe to new APIs and manage existing subscriptions.
- **Key Management:** View, regenerate, or revoke API keys.
- **Documentation:** Access up-to-date API specifications, endpoints, and usage examples.
- **Monitoring:** Track usage metrics, request volume, and performance.
- **Support & Contact:** Submit support requests or report issues related to API usage.

Go to the Developer Portal: <https://developer.refdata.ch>

2.3 Authentication & Authorization

All products require a valid Subscription Key (API-Key) for access.

How to obtain a Key:

1. Register and log in to the Developer Portal
2. Navigate to **Products** and select the desired product
3. Click **Subscribe** to generate your unique Primary and Secondary keys.

3 Services

3.1 Partner Public Online (SOAP)

This service follows the SOAP protocol. To authenticate, you must include your key in the HTTP request header.

- Authentication Method: HTTP Header
- Header Name: **X-API-Key**

Endpoint URL's:

- <https://api.refdata.ch/partner/1.0/Partner.asmx>
- <https://api.refdata.ch/partner/1.0/Partner.asmx?wsdl>

3.2 Refdata Public Files (Zip Download)

This service allows for the download of reference data in ZIP format. You have two options for passing the API-Key:

Option A: Request Header (Recommended)

- Header Name: **X-API-Key**

Option B: URL Parameter For simple browser-based downloads or wget/curl scripts where headers are difficult to set, you can use a query parameter.

- Parameter Name: **subscription-key**

Example Download URL:

- Via Header: `curl --header "X-API-Key: your_key"`
<https://api.refdata.ch/articles/2.0/Refdata.Articles.zip> -L -o Refdata.Articles.zip
- Via Parameter: https://api.refdata.ch/partners/1.0/Refdata.Partners.zip?subscription-key=your_key

Endpoint URL's:

- <https://api.refdata.ch/partners/1.0/Refdata.Partners.zip>
- <https://api.refdata.ch/articles/2.0/Refdata.Articles.zip>

4 Test Environment & Endpoints (URL)

API Portal: <https://developer-int.refdata.ch/>

Product: Partner Public Online – Stage

- <https://api-int.refdata.ch/stage/partner/1.0/Partner.asmx>

Product: Refdata Public Files – Stage

- <https://api-int.refdata.ch/stage/articles/2.0/Refdata.Articles.zip>
- <https://api-int.refdata.ch/stage/partners/1.0/Refdata.Partners.zip>