

Terms and Conditions governing the Use of Beacons (Signals & Raw Data) and SDKs.

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1. Introduction

These Terms and Conditions of Use regulate the incorporation of beacon signals (unique identifier sent via Bluetooth to smartphones at brief, regular intervals) and beacon raw data (specific information from the backend concerning the beacon used) by internal SBB bodies and third parties. Beacons are installed throughout the industry and their usage is sensitive. By using beacon signals as well as beacon raw data and SDKs for application scenarios (use cases), you will be deemed to have consented to the following Terms and Conditions.

2. Data Protection Act

The Swiss Federal Act on Data Protection (Data Protection Act, SR 235.1) must be complied with under every application scenario.

3. Use of beacon signals and beacon raw data

3.1. Usage authority

As a general rule, internal SBB bodies and third parties are entitled to use beacon signals and beacon raw data. This also applies to the usage of SDKs. Usage is conditional in particular upon compliance with these Terms and Conditions of Use. New application scenarios shall be reported to the Beacon Management Competence Centre in order to ensure consistency.

3.2. Use free of charge

Beacon signals, beacon raw data and SDKs may be used free of charge. Access shall be provided free of charge in order to facilitate the incorporation of various application scenarios. Should any third parties start any development work on SDKs using features, SBB shall assess whether to incorporate it as a fixed component or whether it should remain as an individual transport company solution. The development of beacon management may be reviewed upon request by any third party and in consultation with Alliance SwissPass (including a contribution to costs).

4. Feedback for beacon management use case API

4.1. Feedback mechanism

SDK users undertake to provide feedback to the beacon management use case API concerning the condition of the beacon signals approved. Feedback should be provided within the [beacon use case API](#) according to Feedback Service documentation. If feedback is not provided, the user shall be blocked, in consultation between the parties.

4.2. Purpose of feedback

The purpose of feedback is to ensure that the beacon management backend receives information concerning the operation or respectively the condition of the beacon. This means that it is possible to maintain high data quality and to identify any malfunctioning beacons in good time. This in turn supports a high quality standard, the plausibility of application scenarios incorporating beacon signals as well as the combatting of misuse.

5. Data quality and combatting of misuse

5.1. Data quality

High-quality management and updating of the data provided are core ingredients in the success of the various application scenarios. Users of beacon signals, beacon raw data and SDKs therefore undertake to adhere to the highest standards as regards the accuracy and up-to-date status of the data provided. This in turn is supported by the feedback mechanism described in chapter 4.1. Standards comply with the general requirements laid down according to <https://developer.sbb.ch/home>.

5.2. Sanctions

The transport company and Alliance SwissPass reserve the right to prohibit and terminate the provision of beacon raw data with immediate effect and without any prior notice to any users that have breached applicable laws, the code of conduct of the respective transport company (TC), legitimate business interests or these Terms and Conditions of Use. As is also the case for data quality, the feedback mechanism provides protection against misuse.

6. Approval of beacon signals / beacon raw data

6.1. General

If a user (e.g. application scenario) is interested in raw data, approval by the respective transport company involved is required under all circumstances. The transport company shall issue a specific approval for the respective application scenario. Similarly, the application scenario must also officially state whether a TC is allowed to incorporate the application scenario in question into its own operations. Conversely, in technical terms the beacon signal may always be received.

6.2. Decision by the transport company

The user acknowledges that each TC shall decide itself whether or not its own beacon raw data should be released for the application scenario concerned.

6.3. Approval/authorisation process

Alliance SwissPass or the respective TC has established a process for approving beacon raw data. Please contact Alliance SwissPass at beacons@allianceswisspass.ch for further information and in order to clarify details.

7. Disclaimer of liability

Beacon signals, beacon raw data and SDKs are used at each user's own risk. The TC and Alliance SwissPass decline all liability and any warranty, unless required otherwise by law. No liability shall be incurred in particular for any direct or indirect losses that may arise in relation to usage of the SDK. In particular, no warranty is provided that beacons, beacon management and SDKs will be maintained and provided for a specific period of time.

8. Amendments to the Terms and Conditions of Use

Alliance SwissPass and the TC reserve the right to amend these Terms and Conditions of Use at any time. The most up-to-date version of the Terms and Conditions will be published on the website <https://developer.sbb.ch/home>.

9. Final provisions

These Terms and Conditions of Use shall replace all previous agreements or arrangements established in writing or orally in relation to the use of beacon signals, beacon raw data and the SDK.

Swiss law is exclusively applicable. The courts in Bern shall have sole jurisdiction in disputes arising from or in connection with these Terms and Conditions of Use.

10. Further documentation

[Beacon management for the public transport sector](#) (ASP)