

Billetix, Concepts and Definitions

Billetix. (Access control)

Name given to this set of applications which controls the passage of tickets to defined checkpoints.

Billetix server.

It is a cloud-based service where all the information necessary for Billetix to function is stored.

Control device.

This refers to the hardware on which the scanner operates. It can be any type of device that runs a Chromium- based browser (smartphone, PC, etc.) or an up-to-date Apple browser (iPad , iPhone , Mac). This device must have internet access.

Connected mode.

This is the normal operating mode of billetix, the control device is connected to the Internet.

Degraded mode.

When the control device is not connected to the Internet, for whatever reason, it is said to be in degraded mode.

Back office.

Application used to configure all functionalities.

Scanner.

Application used to control the ticket numbers authorized to pass through the location where the control device is installed.

Institution.

(Or Organization).

The institution brings together a collection of venues under the responsibility of the same administrative entity. Users and ticket supply sources, which must be controlled, are associated with this institution. The institution's administrator can create venues (performance halls, arenas, swimming pools, etc.), events (shows, sporting matches, films, etc.) within these venues, and performances (dates of a show, a match, etc.) within these events.

Place.

The venue brings together a series of events taking place on its premises.

Event.

The event brings together a collection of performances.

Representation.

They contain a set of ticket numbers to be checked. These events can be "dated" (they take place at a specific time, for example: a performance of a show) or "undated" (they take place over a set of dates, for example: an exhibition).

Imported representation.

This is a representation from which the numbers to be checked have been imported onto the control device. One or more representations can be imported simultaneously onto the control device. An internet connection is required to import representations.

Representation to be checked.

This is an imported representation that is chosen to control ticket numbers. Multiple representations can be controlled simultaneously. However, these different representations cannot have the same ticket number.

The scanner will check the numbers contained in the control device and then send them to the Billetix server, which allows it to function in the absence of an internet connection.

Sources.

A source is where Billetix retrieves ticket numbers to import into its system. Sources are specialized by import type (e.g., file, Billetix web service , Aparté, etc.). Multiple sources can be used for a single performance. If several sources contain the same ticket number, only the first imported number will be used.

Ticket number.

This is a unique number that grants its holder authorization to pass through a checkpoint. It can be in alphanumeric format, a barcode, a QR code, or any other format readable by the control device. Each ticket number is associated with a status that can be valid, canceled, or duplicated.

One-way passage.

This is the simplest operating mode of Billetix; a ticket number can only pass through the access point once and in one direction only.

Input/output.

In this operating mode, a ticket number can pass through the access point in both directions but can only be present on one side of the access point at a time. One side of the access

point is called the inside and the other the outside. A ticket number that has never been checked is considered to be outside. A ticket number that exits while detected outside will signal an anomaly during the check. A ticket present inside cannot re-enter.

Multi-passage.

This is a system where a ticket number can pass through the checkpoint multiple times. For each ticket, the total number of times it can pass through a checkpoint and the maximum number of passes per day are defined.