

4. Retrieve ticket status from TIXnGO

This function retrieves information from TIXnGO about the ticket (status, holder) and stores it inside SecuTix.

With FIFASTX-2770, we aligned the statuses and the screens between TIXNGO and S-360 :

- with the lifecycle mode, we synchronize the tickets from a "business" perspective
- with the history mode (legacy behaviour), we synchronize the tickets from a "blockchain transaction" perspective
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How does it work?

☆ *Batch > TIXnGO*

+NEW

DELETE

MODIFY/START

ACTIVATE

INACTIVATE

FUNCTION	LAST EXECUTION	INTERNAL NAME	SCHEDULE	STATE
Push cancelled and invalidated tickets		Home match	Mon, 8 Nov 2021 - 5 minutes	Active
Push controlled tickets			Manual	-
Retrieve ticket status from TIXnGO		Home match	Mon, 8 Nov 2021 - Wed, 9 Nov 2022 - 5 minutes	Active
Tickets external printing		Home match	5 minutes	Active

This function retrieves information from TIXnGO about the ticket holder and stores it inside SecuTix.

Only the batch size not already handled tickets are retrieved from TIXnGO.

Only one function "retrieve ticket status from TIXnGO" must run for a given organizer. regardless if tickets are injected from multiple organizations.

Recommended frequency

Every 5 minutes.

Pagination key

Pagination key (Do not change)

MjAyMS0xMS0wNFQyMzozODozNS41MjFa

Do not touch this value if you do not know what you are doing.

Skip ticket

Skip ticket IDs

TPLAY-10228409182753, TPLAY-10228409182755

A non-mandatory parameter in which you can add all the ticket IDs that you want to skip.

Batch size

Recommended value: 1000

Ticket statuses

History mode (legacy behaviour)

- Possible Statuses (tixngo.legacyStatus) : INJECTED, RECEIVED, ACTIVATED, TRANSFER_PENDING, TRANSFERRED, CONTROLLED, DELETION_PENDING, DELETED
- Possible Actions : INJECT, TRANSFER, DELETE, BURN
- Possible States : **PENDING, CONFIRMED, KO, DELETION_PENDING, DELETED**, REGISTRATION_PENDING, CANCELLED, FAILED

Lifecycle mode (new behaviour)

- Possible Statuses : INJECTED, DOWNLOADED, ASSIGNED, CONTROLLED, PENDING_TRANSFER, FAILURE_TRANSFER, TRANSFERRED, BT_ACTIVATED, MANUAL_ACTIVATED, OFFLINE_ACTIVATED, ONLINE_ACTIVATED, DELETION_PENDING, DELETED, ACTIVATED, DEACTIVATED, DEFAULT, INVALID, PENDING, FAILURE
- Possible Actions & States : Does not exist anymore. Replaced by Business Statuses

S360 Ticket Status	S360 Blockchain Status (history)	S360 Blockchain Status (lifecycle)
Not printed	NA	NA
Printed	(after injection) INJECTED <i>No Action/Status as long as the user does not have a wallet</i>	(after injection) INJECTED
	(after download) RECEIVED <i>Action/Status : Inject/Confirmed</i>	(after download) DOWNLOADED
	(after assignment) RECEIVED ⚠ Holder/Assignee fields are set <i>Action/Status : Inject/Confirmed</i>	(after assignment) ASSIGNED
	(after transfer initiated) TRANSFER_PENDING <i>Action/Status : Inject/Confirmed</i>	(after transfer initiated) PENDING_TRANFER
	(after transfer cancelled by sender) RECEIVED (after transfer rejected by receiver) RECEIVED <i>Action/Status : Inject/Confirmed</i>	(after transfer cancelled by sender) FAILURE_TRANSFER (after transfer rejected by receiver) FAILURE_TRANSFER
	(after transfer accepted) TRANSFERRED <i>Action/Status : Transfer/Confirmed</i>	(after transfer accepted) TRANSFERRED
	(after ticket offline activation) ACTIVATED (after ticket online activation) ACTIVATED (after ticket manual activation) ACTIVATED (after ticket bluetooth/beacon activation) ACTIVATED <i>No specific Action/Status</i>	(after ticket offline activation) OFFLINE_ACTIVATED (after ticket online activation) ONLINE_ACTIVATED (after ticket manual activation) MANUAL_ACTIVATED (after ticket bluetooth/beacon activation) BT_ACTIVATED
Controlled	(after control BUT before feedback from TIXNGO) ACTIVATED	(after control before feedback from TIXNGO) XYZ_ACTIVATED <i>where XYZ is the activation method used</i>
ACS control	(after control and feedback from TIXNGO) CONTROLLED	(after control and feedback from TIXNGO) CONTROLLED
Ticket check (BO)	<i>No specific Action/Status</i>	
Invalidated	If the ticket was already existing in TIXNGO ...	If the ticket was already existing in TIXNGO ...
Reprint ticket	<ul style="list-style-type: none"> • DELETION_PENDING (after sending the "cancelled /invalidated" status to TIXNGO and receiving feedback from TIXNGO) • DELETED (after successful blockchain deletion and feedback from TIXNGO) 	<ul style="list-style-type: none"> • DELETION_PENDING (after sending the "invalidated status to TIXNGO and receiving feedback from TIXNGO) • DELETED (after successful blockchain deletion and feedback from TIXNGO)
Post ticket on resale	If the ticket was never sent to TIXNGO NA	If the ticket was never sent to TIXNGO NA

Cancelled Cancel ticket (manually or by batch)	If the ticket was already existing in TIXNGO ... <ul style="list-style-type: none"> • DELETION_PENDING (after sending the "cancelled /invalidated" status to TIXNGO and receiving feedback from TIXNGO) • DELETED (after successful blockchain deletion and feedback from TIXNGO) If the ticket was never sent to TIXNGO NA	If the ticket was already existing in TIXNGO ... <ul style="list-style-type: none"> • DELETION_PENDING (after sending the "cancelled /invalidated" status to TIXNGO and receiving feedback from TIXNGO) • DELETED (after successful blockchain deletion and feedback from TIXNGO) If the ticket was never sent to TIXNGO NA
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What and how we synchronize ticket details ?

Each mode has a specific mapping.

Last update	Mapping Document	Change log
03 Apr 2023	FIFASTX-2770_S360-TNG_Mapping_WIP.xlsx	<p><i>Work in progress Final version will be uploaded when developement will be completed.</i></p> <ul style="list-style-type: none"> • BeaconName & ExtraInfoX <div> STX-129962 - Getting issue details... <div>STATUS</div> </div> • Cultural Contact creation <div> STX-130794 - Getting issue details... <div>STATUS</div> </div>
07 Feb 2023	S360-TNG_Mapping_20230207.xlsx	Fixing nationality <div> STX-129714 - Getting issue details... <div>STATUS</div> </div>
07 Oct 2022	S360-TNG_Mapping_20221007.xlsx	Lifecycle implementation

How to configure the interface ?

In the custom parameters, to enable the lifecycle mode, you can use TIXNGO_LIFECYCLE_MODE=lifecycle.
By default, if not specified, the history mode will be used.