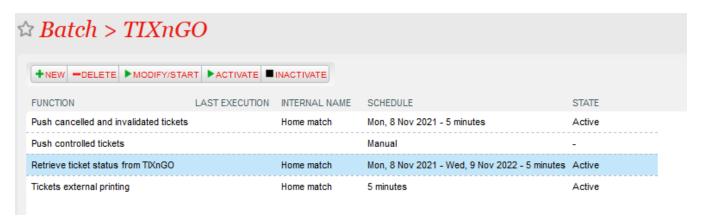
4. Retrieve ticket status from TIXnGO

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
- How does it work?
 - Recommended frequency
 - Pagination key
 - Skip ticket
 - Batch size
- Ticket statuses
 - O History mode (legacy behaviour)
 - Lifecycle mode (new behaviour)
- · What and how we synchronize ticket details?
- · How to configure the interface?

How does it work?



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



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

A fter injection) INJECTED No Action/Status as long as the user does not have a wallet lifter download) RECEIVED Action/Status: Inject/Confirmed Ifter assignment) RECEIVED Holder/Assignee fields are set Action/Status: Inject/Confirmed Ifter transfer initiated) TRANSFER_PENDING Action/Status: Inject/Confirmed Ifter transfer cancelled by sender) RECEIVED	NA (after injection) INJECTED (after download) DOWNLOADED (after assignment) ASSIGNED (after transfer initiated) PENDING_TRANFER
No Action/Status as long as the user does not have a wallet ifter download) RECEIVED Action/Status: Inject/Confirmed ifter assignment) RECEIVED Holder/Assignee fields are set Action/Status: Inject/Confirmed ifter transfer initiated) TRANSFER_PENDING Action/Status: Inject/Confirmed	(after download) DOWNLOADED (after assignment) ASSIGNED
Action/Status: Inject/Confirmed Ifter assignment) RECEIVED A Holder/Assignee fields are set Action/Status: Inject/Confirmed Ifter transfer initiated) TRANSFER_PENDING Action/Status: Inject/Confirmed	(after assignment) ASSIGNED
Action/Status : Inject/Confirmed Ifter transfer initiated) TRANSFER_PENDING Action/Status : Inject/Confirmed	,
Action/Status : Inject/Confirmed	(after transfer initiated) PENDING_TRANFER
fter transfer cancelled by sender) RECEIVED	
fter transfer rejected by receiver) RECEIVED Action/Status : Inject/Confirmed	(after transfer cancelled by sender) FAILURE_TRANSFER (after transfer rejected by receiver) FAILURE_TRANSFER
fter transfer accepted) TRANSFERRED Action/Status : Transfer/Confirmed	(after transfer accepted) TRANSFERRED
fter ticket offline activation) ACTIVATED fter ticket online activation) ACTIVATED	(after ticket offline activation) OFFLINE_ACTIVATED (after ticket online activation) ONLINE_ACTIVATED
fter ticket manual activation) ACTIVATED fter ticket bluetooth/beacon activation) ACTIVATED	(after ticket manual activation) MANUAL_ACTIVATED (after ticket bluetooth/beacon activation) BT_ACTIVATED
fter control BUT before feedback from TIXNGO) ACTIVATED fter control and feedback from TIXNGO) CONTROLLED No specific Action/Status	(after control before feedback from TIXNGO) XYZ_ACTIVATED where XYZ is the activation method used (after control and feedback from TIXNGO) CONTROLLED
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 already existing in TIXNGO DELETION_PENDING (after sending the "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
tl	ter control and feedback from TIXNGO) CONTROLLED No specific Action/Status he ticket was already existing in TIXNGO DELETION_PENDING (after sending the "cancelled /invalidated" status to TIXNGO and receiving feedback from TIXNGO) DELETED (after successful blockchain deletion and

Cancelled	If the ticket was already existing in TIXNGO	If the ticket was already existing in TIXNGO
Cancel ticket (manually or by batch)	DELETION_PENDING (after sending the "cancelled /invalidated" status to TIXNGO and receiving feedback from TIXNGO) DELETED (after successful blockchain deletion and feedback from TIXNGO)	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 never sent to TIXNGO NA

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	Work in progress Final version will be uploaded when developement will be completed. • BeaconName & ExtraInfoX STX-129962 - Getting issue details STATUS • Cultural Contact creation STX-130794 - Getting issue details STATUS
07 Feb 2023	S360-TNG_Mapping_20230207.xlsx	Fixing nationality STX-129714 - Getting issue details STATUS
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.