

Nuiterra TT&T : EU TPD solution

Nuiterra TT&T is a cloud-based solution designed for tobacco manufacturers, importers, and distributors (Economic Operators) in the European Union. It ensures compliance with the European Tobacco Products Directive (TPD) for tobacco product traceability.

Key Features

User-Friendly Interface

- TT&T is simple and easy to use, allowing all configuration items and their relationships to be managed effortlessly.
- Eliminates the need for numerous Excel files and manual editing, reducing time consumption and errors.

ERP Integration

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Benefits

- Implement TPD best practices
- Manage service commitments effectively
- Improve operational performance
- Reduce administration and operational costs
- Gain total control of TPD operations
- Automate data dispatch to primary and secondary repositories

Innovative features

Sales & Distribution

Autonomous ordering, product picking and delivery management system

Data Matching

Easy matching of data between Orders, Invoices & Payments with automatic UIs references

Data Exchange

Use APIs for data exchange between TT&T, handheld terminals, EU repositories and Issuers



Ease of Use

ERP Integration

Master and Transactional Data exchange between TT&T and your ERP using CSV Templates and/or API services

Delivery Creation

Automatic delivery creation from Sales Orders, including order quantity backlog

Invoice Creation

Generate Invoices based on Sales Orders or specific deliveries

Product Picking

Easy products picking using handheld terminals with pre-filled data

Reverse Order Creation

Automatic Order and delivery creation for Vending Van Sales

The core of TT&T

The TT&T platform integrates seamlessly with primary and secondary repository APIs, ensuring compliance and data protection.

Data Protection

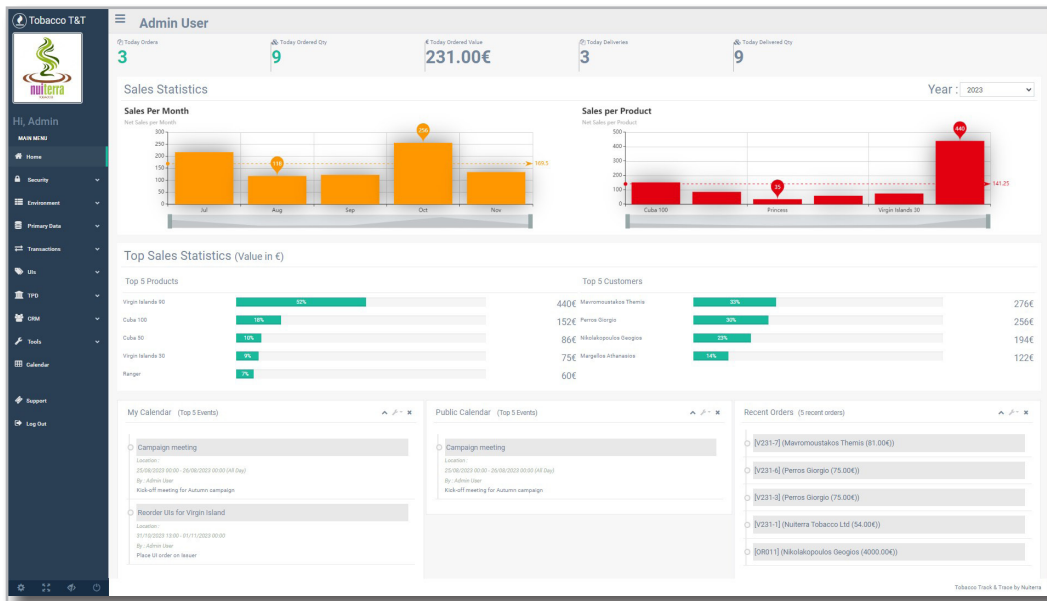
Stores data in individual databases for enhanced data protection and account management flexibility.

Device Compatibility

Compatible with any Android 8+ device with an internal or external (Bluetooth) 2D barcode scanner



Dashboard



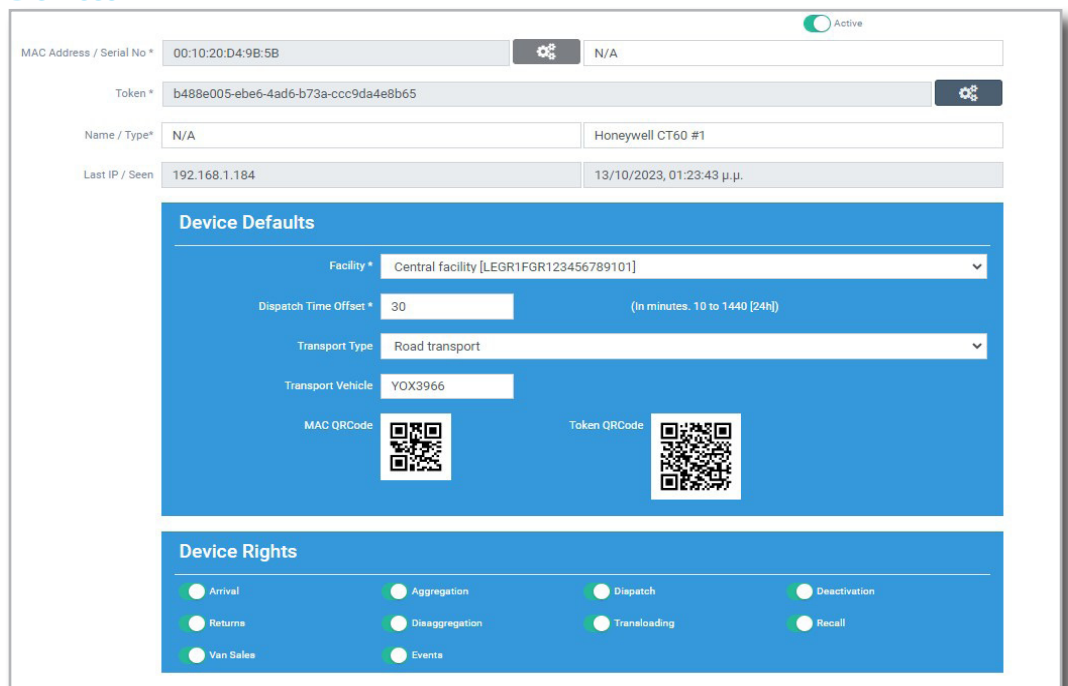
Interactive Dashboard

- Key statistics and graphical data representation.
- Quantity and value statistics per month, product, customer, etc.
- Private or global calendar events.
- Shortcuts to the latest sales orders.

Devices

Device Management

- Full control of every connected device for product picking.
- Set security codes for device connectivity.
- QRCode display for easy device setup.
- Set device defaults to speed up transactions.
- Assign access rights to devices.



Management Portal

Secure Login

- Secure login for management portal access
- Manage transactions, security, primary data, CRM, tools & support

Primary Data

Registries Management

- Economic Operators
- Facilities
- Facilities Groups
- Machines
- Products
- Price Catalogues

Facilities

Facilities entries with all the mandatory fields according to the TPD regulations.

Entries can be imported from ERP or from another economic operator.

Alternatively can be created in TT&T.

Contact information.

Geolocation data for easy to locate in Google Maps.

Active EU Vending Machine Tax Warehouse

TPD ID* / Excise No: LEGR1FGR123456789101 GR10000010001

Description*: Central facility

Facility Type*: Manufacturing site with warehouse

Operator*: Nuiterra Tobacco Ltd [LEGR1EGR111123]

Street / No*: Leof Kifisias 133

City* / Zip* / Country*: Marousi 15124 Greece

Email / Contact: nuiterra@ttt.tbc John Doe

Phone #1 / Phone #2: Phone #1 Phone #2

Notes:

Coordinates: Latitude, Longitude

CRM Key: c4ccf2fe-69ca-11ee-872d-28f10e11cbad

Products

Active Imported

ERP ID* / TPD ID*: P001 1001

Brand*: Product Brand

Description*: Virgin Islands 30

Product Type*: Roll your own tobacco

Intended Country*: Greece

Barcode* / Product Number (EU-CEG / GTIN)*: 529900000011 2300000001

TP-ID Code* / CN Code: 05455-33-11201 CN Code

Price* / Weight*: 7.00 30.0 Γραμμάρια

UI Code: UI Code

UI Reorder Point: 0

Starting Date*: 01/01/2023

CRM Key: c6498339-69ca-11ee-872d-28f10e11cbad

Products entries with all the mandatory fields according to the TPD regulations.

Entries can be imported from ERP or from another economic operator.

Alternatively can be created in TT&T.

UI identification code for product determination with barcode scanning.

Transactional Data

In this section, you can do all the product handling as well as the transactions.

- Sales Orders
- Deliveries
- Dispatch to Vending Van
- Dispatch to Vending Machine
- Invoices
- Payments

Sales Orders

Sales Order Management - [23OR001] **Completed** New Record Save Record Delete Record Return

Create Delivery

Order Seq: 23OR001 Order No: OR001 Date: 01/06/2023

Operator: Perros Giorgio [EGR1EGR150230] Facility: Perros N.Ionia [LEGR1FGR123456789103]

Notes: Partial Shipping

Total Value: 332.50 Total Quantity: 30.00 Delivered Quantity: 30.00 Invoiced Quantity: 12.00

Material	Quantity	Price	Value
Select product	0	0.00	0.00

Order Lines

Product	Description	Weight	Qty	Price	Value	Delivered	Invoiced
P001	Virgin Islands 30	30.0	5.00	5.00	25.00	5.00	2.00
P002	Virgin Islands 90	90.0	5.00	20.00	100.00	5.00	2.00
P003	Ranger	20.0	5.00	2.50	12.50	5.00	2.00
P004	Princess	20.0	5.00	2.50	10.00	5.00	2.00
P005	Cuba 50	50.0	5.00	12.00	60.00	5.00	2.00
P006	Cuba 100	100.0	5.00	25.00	125.00	5.00	2.00

Showing 1 to 6 of 6 entries

Deliveries

Seq	Date	Ref. Code	Facility	Qty	Status
1	04/11/2023	D231	Perros N.Ionia	30.00	Open

Showing 1 to 1 of 1 entries

Sales Orders can be imported from ERP or can be created in TT&T.

Choose facility and create partial deliveries with the backorder quantity.

Based on the order, deliveries are created which are carried out by mobile terminals.

Deliveries

Deliveries Management - [1] **Open** Save Record Delete Record Return

Delivery Seq: 1 Order Seq: 23OR001 Inv. Seq: Ref. Code: D231 Date: 04/11/2023

Operator: Perros Giorgio Facility: Perros N.Ionia [LEGR1FGR123456789103]

Notes: Partial Shipping

Total Quantity: 30.00

Material	Quantity
Select product	0

Search:

Product	Description	Weight	Qty
P001	Virgin Islands 30	30.0	5.00
P002	Virgin Islands 90	90.0	5.00
P003	Ranger	20.0	5.00
P004	Princess	20.0	5.00
P005	Cuba 50	50.0	5.00
P006	Cuba 100	100.0	5.00

Showing 1 to 6 of 6 entries

Deliveries are created based on the sales order.

You can create one delivery per order or multiple deliveries for each order.

You can print the picking list with which the products will be collected.

Deliveries are forwarded to the handheld terminal devices for quick and easy product picking.

Invoices

Invoices Management - [23IV001] New Record Save Record Delete Record

Invoice Seq: 23IV001 Invoice No: IV001 Type: Original Date: 01/07/2023 Return

Operator: Perros Giorgio [LEGR1EGRI50230] Sales Order: Seq: 23OR001 / No: ORD01 / Date: 01/06/2023 Deliveries

Notes: 7% Discount on early payment

Total Quantity: 12.00 Total Value: 133.00 Total Payment: 100.00 Due Balance: 33.00

Material	Quantity	Price	Value
No products found	0	0.00	0.00

Invoice Lines

Product	Description	Quantity	Price	Value
P001	Virgin Islands 30	2.00	5.00	10.00
P002	Virgin Islands 30	2.00	20.00	40.00
P003	Rangar	2.00	2.50	5.00
P004	Princess	2.00	2.00	4.00
P005	Cuba 50	2.00	12.00	24.00
P006	Cuba 100	2.00	25.00	50.00

Showing 1 to 6 of 6 entries

Payments

Seq	Number	Date	Type	Amount	Comments	Status
1	PA001	05/07/2023	Bank transfer	100.00	Payment in advance	Initial

Showing 1 to 1 of 1 entries

Invoices can be imported from ERP or can be created in TT&T.

Choose Sales Order or individual deliveries to relate Uls with the invoice.

Create one or many payments for every invoice with the due balance.

Payments

Payments Management - [1] New Record Save Record Delete Record

Payment Seq: 1 Payment No: PA001 Type: Bank transfer Date: 05/07/2023 Return

Operator: Perros Giorgio [LEGR1EGRI50230] Invoice: Sq: 23IV001 | No: IV001 | 01/07/2023 (33.00)

Invoice Value: 133.00

Invoice Payments: 100.00

Due Balance: 33.00

Payment Amount: 100.00

Notes: Payment in advance

Payments can be imported from ERP or can be created in TT&T.

Choose Invoice or individual deliveries to relate Uls with the payment.

TPD Events

View and manage the TPD event messages sent and received from the EU repositories.

Events Queue

Created On	Type	Ref Code	Operator	Facility	Sent On	Sent Status	Recall Status
14/11/2023 11:41:06	Vansales	V231-7	Mavroumoustakos Themis	Mavroumoustakos N.Filadelfeia		Not Sent	Not Sent
14/11/2023 11:40:08	Vansales	V231-6	Perros Giorgio	Perros Venezia	14/11/2023 11:40:34	Waiting	Not Sent
14/11/2023 11:37:50	SalesOrder	D231	Perros Giorgio	Perros N Ionia	14/11/2023 11:38:29	Success	Not Sent
14/11/2023 11:35:02	Vansales	V231-3	Perros Giorgio	Perros N Ionia	14/11/2023 11:38:14	Success	Not Sent
14/11/2023 11:31:50	Recall				14/11/2023 11:33:05	Success	Not Sent
14/11/2023 11:29:12	Arrival				14/11/2023 11:39:17	Success	Not Sent
10/11/2023 09:45:04	Arrival				10/11/2023 11:28:56	Success	Not Sent
08/11/2023 10:10:39	Transloading		Nuterra Tobacco Ltd	Store Keratea	10/11/2023 11:29:46	Success	Success
08/11/2023 09:42:27	DispatchVM	M231			10/11/2023 11:38:39	Success	Not Sent
08/11/2023 09:34:34	Vansales	V231-1	Nuterra Tobacco Ltd	Central facility	10/11/2023 11:29:45	Success	Not Sent
08/11/2023 09:32:28	DispatchVV	V231			08/11/2023 09:43:49	Success	Not Sent
08/11/2023 09:18:29	Dispatch	D231	Perros Giorgio	Perros N Ionia	08/11/2023 09:43:00	Success	Not Sent
08/11/2023 08:57:09	Arrival				08/11/2023 08:57:57	Success	Not Sent
08/11/2023 08:52:45	Arrival				08/11/2023 08:57:56	Success	Not Sent
07/11/2023 17:08:08	Arrival				08/11/2023 08:57:47	Success	Not Sent

The TPD API Events Queue.

View the TPD messages and their statuses.

Event

View and manage events created to update the TPD repositories.

View and copy the dispatched & received message.

Drill down to the linked transactions.

Recall the specific message.

API Sales Orders **Posted** Re-Post Recall

UUID: dedb96c7-086b-4d49-b7b9-52ba988618a6

Device: 00:00:00:00:00:00 Sales Order: 23OR001

Timestamp: 14/11/2023, 11:37:50 ft.p. Event Time: 23111411 Reference Code: D231

Dispatch Operator: LEGR1EGR111123 Nuterra Tobacco Ltd

Dest. Operator: LEGR1EGR150230 Perros Giorgio

Dest. Facility: LEGR1FGR123456789103 Perros N Ionia

Transmit Details Success

Transmission Timestamp: 14/11/2023, 11:38:29 ft.p. Transmission Code: 202 Response Message: Accepted

Transmit: { "Message_Type": "EPD", "Event_Time": "23111411", "Message_Time_Long": "2023-11-14T11:38:29Z", "EO_ID": "LEGR1EGR111123", }

Response: { "Code": "08c62e5d-19ad-479a-8b12-114b218e2d5b", "Message_Type": "EPD", "Error": 0, "Errors": null, }

Returned Code: d8c62e5d-19ad-479a-8b12-114b218e2d5b Checksum: 8b94248fb37d76752900e1ed80c1d18e

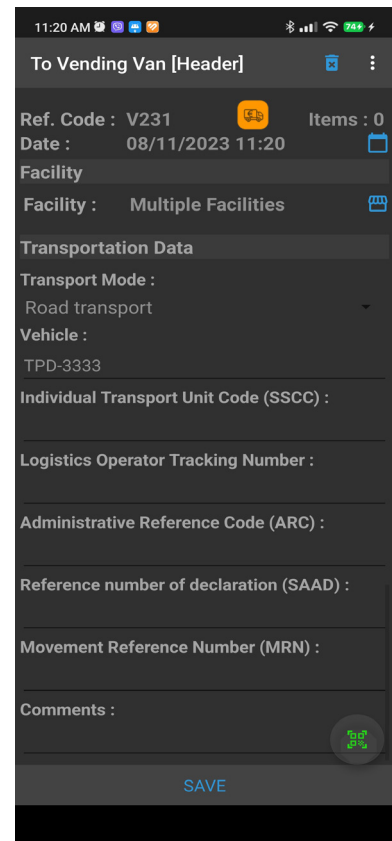
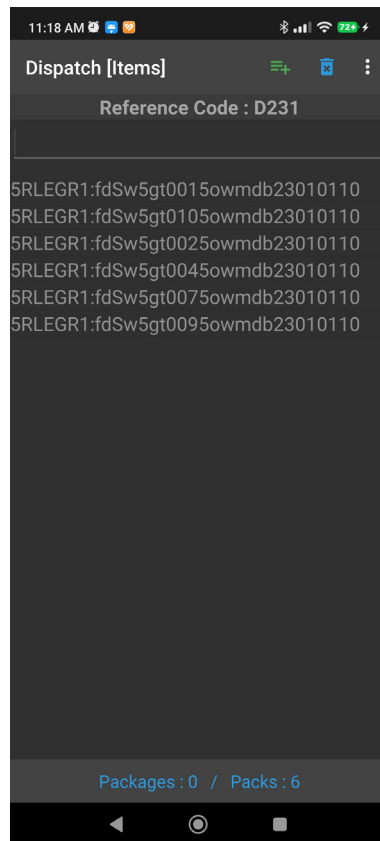
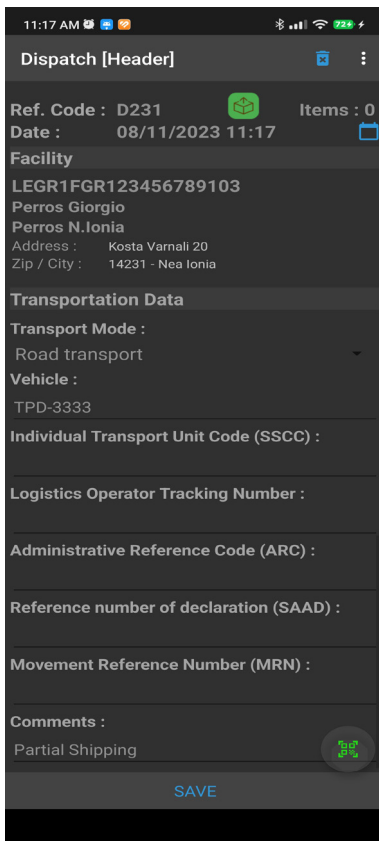
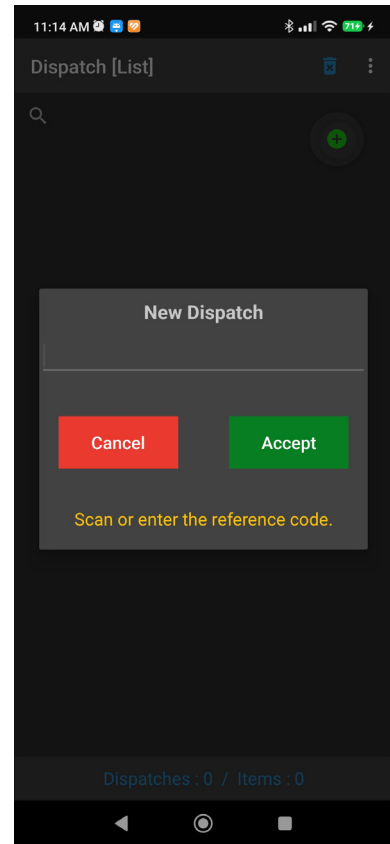
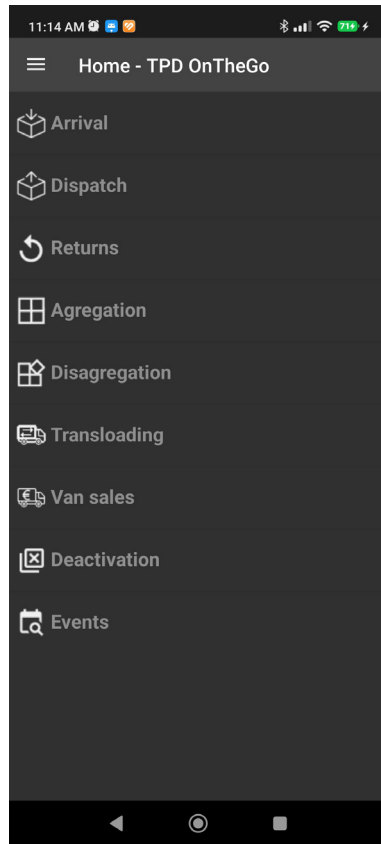
Recall Details Not Sent

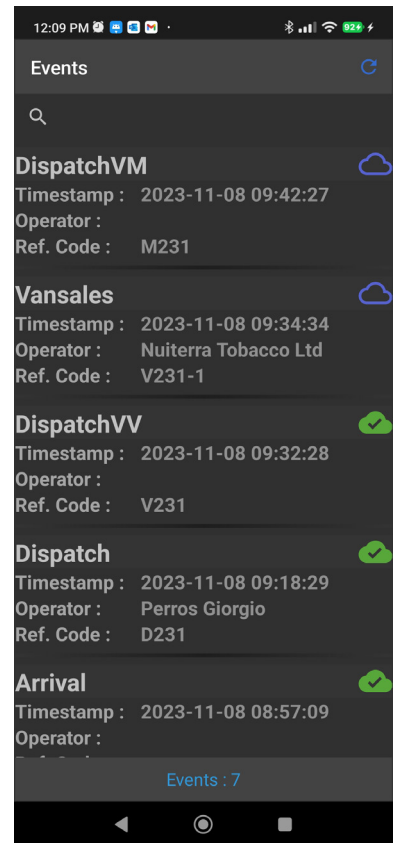
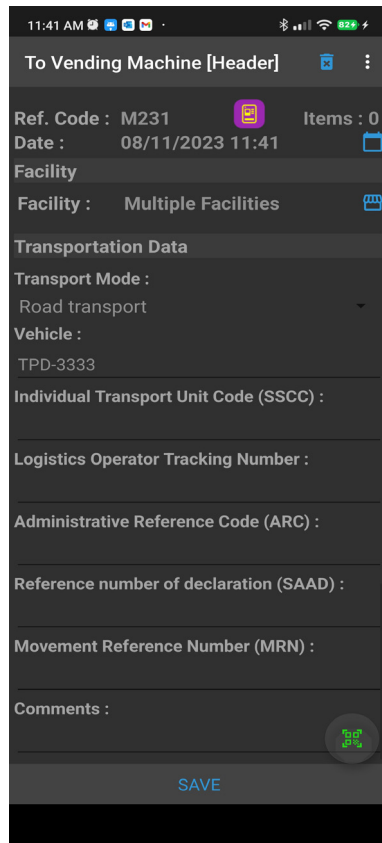
Recall Device: Recall UUID:

TPD OnTheGo

TPD OnTheGo is an Android application, which communicates with the TT&T server via API.

It runs on every Android 8+ device with optimal performance on devices with build-in 2D barcode scanners.





With Nuiterra TT&T, ensure compliance, enhance productivity, and streamline operations in alignment with the European Tobacco Products Directive.