

Training Manual for Master Data

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1. Document Control

1.1 Version History

Version	Date	Description of Change	Author / Company
1.0	18-Oct-2022	First Version	EVOTEQ

Table 1 Version History Pre-Approvals





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2. Purpose

The purpose of this document is to describe the business processes and functionalities of Tatmeen, Ministry of Health and Prevention (MoHAP) Track and Trace system.

The document details the solution and various control that are adopted for the processes.

3. Introduction

This document provides a high-level, as well as detailed description of the business process and flows of the Tatmeen system.

4. Tutorial Master Data

Master data refers to the characteristics and attributes of an object such as a product or partner. Master data includes attributes such as GTIN, product description, unit of measure, partner address, etc.

Supply chain entities such as Manufacturer, MAH, Agent, Hospital, Warehouse, and Pharmacy are responsible for registering their products and partner master data in relevant MoHAP systems. MoHAP stakeholders' partner master data will be manually uploaded.

MoHAP systems send all required product and partner master data to BrandSync GS1 (for more information about BrandSync go to <u>https://brand-sync.com</u>) where additional master data attributes are entered. BrandSync GS1 then makes this data available to Tatmeen.



Figure 1: Master Data Flow

Tatmeen allows received master data to be viewed but does not allow any changes to master data. All updates must be done in the MoHAP system (or in BradSync for additional data).

Master Data is available in the Portal and Mobile from the navigation menu.



Home Product Tra		Product Status Update		Product Recall •	Master Data 👻	Commission	ng 🕶		
Home > File Up	ad				Product Display				
					Faither D	ispiay			

Figure 2: Portal Master data navigation menu

10:19 th	ı.⊞∥ı. © (⊜ %	- I
Sample	、 、	4
Sample	/	_
Lost	>	
Stolen	>	
Damaged	>	
Dispensing	>	
Export	>	4
		ution for
Product Destruction		
Initiation	>	
Completion	>	
Product Verification		
Verification	>	
Master Data		
Product Display	>	
Partner Display	>	
Commissioning		

Figure 3: Mobile Master data navigation menu



4.1 Product Master Data

Before any event information (transactional data) related to a certain product can be sent to Tatmeen, it is necessary that the system receives its corresponding master data. This includes information such as GTIN, its descriptive name, the brand name or the packaging type and applies to both registered and unregistered drugs.



Figure 4: Serialization and Aggregation

Each secondary packaging/saleable unit available on the UAE market (produced in UAE or imported from other countries) must have a unique identification label codified in a 2D Data Matrix.

Logistics units i.e. Bundles, Cases and pallets also have a unique identification label. In case of bundles and cases this can either have a label that is encoded using a 2D Data Matrix or a GS1-128 1D Barcode (linear barcode). In case of a pallet, the barcode label needs to always have a GS1-128 1D Barcode (linear barcode).

As per MoHAP's serialization guide, Bundle is optional and Shipper Case and Pallet is a mandatory requirement.

For more information about the product master data, the labelling requirements, or mandatory hierarchy levels please refer to the Serialisation Implementation User Guide available at <u>https://tatmeen.ae/documents</u>.





4.1.1 Product Master Data – Portal

To see and explore more about product master data, in the navigation menu select Master Data \rightarrow Product Display



Figure 6: Portal navigation menu - Product

On the Product page next options are available:

- Display of all products (drugs)
- Display of product details

4.1.1.1 Product Master Data Display

When the Product Master Data page is opened, as a security measure, the user can only see products related/registered by his user's organization.

There are some exceptions such as MoHAP, which can see all products.



Home > Master Dat	a > Product Display						
Product Search							
You can search for p	roducts by GTIN, Description and MoHAP Registration Number. Select a	result will bring you to details.					
	Search 📀						
			(0)				
Carach Danuth (197							
GTIN [*]	Product Description *	MOHAP Registation Number *	Registration Valid From	Registration Valid To *	UoM [*]	Status *	
00401893469673	VIBNMICIN 100mg 10's Blater				EA	Approved	⊙
05401893469673 05642621071061	VBRAMMON 100mg 10's Blater ADMNDVATE 1000 U 1 Gaes Val (5 ml) lyophiloed antihemoph	DREG-35060-36822-32	17/03/2019	16/03/2024	EA BE	Approved Approved	④
05401893469673 05542521071063 03542521072020	VBRANDEN 100mg 10's Bloke ADMAUARE 1000 AJ 1 Glass Vial (5 ml) (yophilozed antihemoph ADMAUARE 1000 AJ 1 Glass Vial (5 ml) (yophilozed antihemoph	DREG 35060-36822-32 DREG 35060-36822-32	17/03/2019 17/03/2019	16/03/2024	EA BE EA	Approved Approved Approved	∂
05401893469673 00642521071061 00642521072520 00642521079067	VBRHAMCIN 100mg 10's Blater ACMACHR2 1000 KJ 1 Glass Vial (5 ml) lynghillond antihemogih ACMACHR2 1000 KJ 1 Glass Vial (5 ml) lynghillond antihemogih ACMACHR2 1000 KJ 1 Glass Vial (5 ml) lynghillond antihemogih	DREG-35060-36822-32 DREG-35060-36822-32 DREG-35060-36822-32 DREG-35060-36822-32	17/03/2019 17/03/2019 17/03/2019	16/03/2024 16/03/2024 16/03/2024	EA BE EA CV	Approved Approved Approved Approved	
00401893469873 00642921071061 00642921072020 00642921079067 0125456000005	VBRHAMCIN 100mg 10's Blater ADM/SUR7E 1088 KJ 1 Gaos Val (5 ml) (orginilized antihemogin ADM/SUR7E 1088 KJ 1 Glass Val (5 ml) (orginilized antihemogin ADM/SUR7E 1088 KJ 1 Glass Val (5 ml) (orginilized antihemogin Text Material 1 - EA	2865-25080-38822-32 2865-25080-38822-32 2865-25080-38822-32	17/03/2019 17/03/2019 17/03/2019	16/03/2024 16/03/2024 16/03/2024	EA BE EA CV EA	Approved Approved Approved Approved	 (a) (b) (c) (c)
004010334434073 00642521071061 00642521072020 00642521079067 01234560000005 01234560000005	VBRNAMCIN 100mg 10's Bluter ACMNOVREE 1000 IU 1 Gaos Vial (5 ml) (psphilosof antihernoph ACMNOVREE 1000 IU 1 Glass Vial (5 ml) (psphilosof antihernoph ACMNOVREE 1000 IU 1 Glass Vial (5 ml) (psphilosof antihernoph Stat Material 1 - EA Drugf8	2865-25060-36822-32 2865-25060-36822-32 2865-25060-36822-32	17/03/2019 17/03/2019 17/03/2019	16/03/2024 16/03/2024 16/03/2024	EA BE EA CV EA EA	Approved Approved Approved Approved	9 9 9 9 9 9
004010334434073 00642521071067 00642521072020 006425421072020 015254560000005 0122545510000011 012254551000028	VBRAMICIN 100mg 10's Blater A2MACAR7E 1000 IU 1 Glass Vial (5 ml) (ng/hiland antihemoph A2MACAR7E 1000 IU 1 Glass Vial (5 ml) (ng/hiland antihemoph A2MACAR7E 1000 IU 1 Glass Vial (5 ml) (ng/hiland antihemoph Test Material 1 - EA Eng/B0 Eng/E1	DREG-35060-36822-32 DREG-35080-36822-32 DREG-35080-36822-32	17/03/2019 17/03/2019 17/03/2019	16/03/2024 16/03/2024 16/03/2024	EA BE EA CV EA EA CV	Approved Approved Approved Approved	

Figure 7: Product Display (Note: Some fields that might contain sensitive information have been blurred on purpose throughout this document).

To search product data by GTIN, product description, or MOHAP registration number, start entering the search string or only part of it in the Search field.

Search 🕐	
	90

Figure 8: Search field

The search will start automatically when you stop entering characters. All search results will be displayed in the table below.

You can also scan the GTIN barcode by pressing Scan when you use a scanner or tablet.

If Scan has a yellow border, this means that the Product page does not have focus and in the case of scanning, the value will not appear in the Search field. Click with the mouse somewhere inside the product page and the yellow border will disappear.

On the left side above the table, a Search result is displayed which shows the number of all items listed in a table.



Figure 9: Search result



Right from each column name, you will find \clubsuit To sort data in a table ascending or descending, click once or twice on the arrow or the field name.

Product Description *
Figure 10: Sort

For more details about a product, press the Details in the last column at each product which will display a page with additional details.

roduct Search							
ou can search for pro	oducts by GTIN, Description and MoHAP Registratic	on Number. Select a result will bring you to deta	ils.				
		Search ⑦					
			<u>ini</u>				
Search Result (227)							
GTIN*	Product Description *	MOHAP Registation Number *	Registration Valid From [*]	Registration Valid To	UoM ⁺	Status *	
04620754063622	ERRAUTINE® 10Ding ERRAUTINE® 10Ding				EA	Approved	0
M042250112346	VISCAP 30 mg				EA		•
150002826847214	Myszyme# 50 mg 1 Glass Vial	DRUG-2020-001594	21/12/2020	20/12/2025	BE	Approved	•
05080283663221	Myrozyme# 50 mg 1 Glass Vial	DRUG-2020-001594	21/12/2020	20/12/2025	CV	Approved	Θ
05000283661412	Myssyme# 50 mg 1 Glass Val	DRUG-2020-001594	21/12/2020	20/12/2025	EA	Approved	⊙
	Thyrogen# 0.9 mg 2 Glass Vals	DRUG-2525-600818	22/10/2020	21/10/2025	BE	Approved	0
05360283663467			22/40/2020	24 (40) 2025			

Figure 11: Product – button for Product Details

For the same product it is possible to find on the list multiple entries. Each entry identifies the different packaging levels defined for the product, which are identified by a separate GTIN and UoM fields. The lowest level entry comes into Brandsync (and then Tatmeen) from the MoHAP Drugs Registration System while the others are populated directly in Brandsync.

At the bottom of the table, there is a navigation line that will help you to navigate to a specific page.



Figure 12: Product – Navigation line



By default, there are always 10 records displayed on one page of the table. You can change this by selecting one of the options from the dropdown menu Show 10 v

When you have more data in the table, with buttons you navigate:

- to the first page
- to the previous page
- to the next page
- to the last page

You also see number how many pages exist Page 7	of ²³ . Y	ou can navigat	e to a different
page by entering the number of the page Go to page:	1		

4.1.1.2 Product Master Data Details

On the Product Master Data Detail page, the additional detailed information for a selected product is displayed.



Figure 13: Product Details

Some fields have a lot of content and cannot be displayed in full. To view all the details from the field, press Info ⁽ⁱ⁾ where a pop-up window will open.

To return to the previous page Product Display, where you can see a list of all products,

press Back

The table below gives an explanation of each field on the Product Detail page:

Field Name	Description	Example
MoHAP Registration Number	Drug's registration number in the UAE MoHAP system	REG_NUMBER-123

ا تطم

Tatmeen



Field Name	Description	Example
Trade name	Branded Name of the product. Used by MAH, Agents, and downstream users	Product_Trade_Name
Common Name (INN)	INN facilitates the identification of pharmaceutical substances or active pharmaceutical ingredients. Each INN is a unique name that is globally recognized and is public property (e.g. paracetamol). A non- proprietary name is also known as a generic name. This data will help in aggregating similar products for viewing stocks	latanoprost, timolol
Product Description	Description of the product	Product_Description
Brand Name	For combining all products under a given brand. For example, all Panadol variants	Brand_Name
Product Category	Differentiate between registered/unregistered product	Tatmeen - Registered Pharma Products
Target Market	If we want to show products that are for multiple countries By default, this would be UAE	UAE
Country of Batch Release	Country of origin	UAE
Strength	Strength of API in the drug	1000 mg
Packaging Type	Packaging type of the product	Blister
Shelf Life	Standard shelf life of the product that will be used for validating Expiry Dates	36
Shelf Life UOM	Shelf Life unit of measure	Months
WHO ATC Codes	Global WHO (World Health Organization) classification of APIs	A10BH27
MAH Name	Manufacturer name	MAH_Name
MAH Country	Manufacturer country	Turkey
MAH's GLN	GLN (Global Location Number) of the Manufacturer who registered the drug	1234512365454
Agent Name	Name of the agent representing the manufacturer in the UAE	Al ittihad drug store
Agent License Number	The license of the agent representing the manufacturer the in UAE	1371
Registered Agent's GLN	GLN (Global Location Number) of the agent	1234512365454
Publisher GLN	GLN (Global Location Number) of the entithatwho submitted the data. This could be either the Agent or MAH	1234512365454
Active Pharmaceutical Ingredient(s)	Capture the APIs in the product	latanoprost
Controlled Drug	A flag to identify controlled drugs. This will be used for controls in the supply chain, dispensation, and reporting	Y

Field Name	Description	Example
Semi-Controlled Drug	A flag to identify a semi-controlled drug. This will be used for controls in the supply chain, dispensation, and reporting	Ν
Controlled Narcotics	A flag to identify a controlled narcotic. This will be used for controls in the supply chain, dispensation, and reporting	Ν
Base Unit of Measure	Unit of measure for which the stocks of a material are managed eg., Litres, KG, Grams, Millilitres, etc.	EA
Quantity of Base UoM	Number presenting Base unit of measure	1
Registration Valid From	Drug's registration validity from the date	28/12/2016 12:00:00.000000 AM
Registration Valid To	Drug's registration validity to date	26.12.2026
GTIN of Packaging Level	Global Trade Item Number is a fixed number (14 digits), which is globally unique for a product	12354789654786
	Note: GTINs will be provided by the drug registration system as an editable field in BrandSync.	
SKU Packaging Level	Content of the above packaging level	2
Unit of Measure	Unit of measure for the packaging level, e.g., carton, bottle, bundle shipper, pallet, etc.	ml
Numerator	Data for linking the unit of measure with the base unit of measure	22
Denominator	Data for linking the unit of measure with the base unit of measure	1
Status	Status of the product i.e. Recalled, Locked for in Imports, Active	ACTIVE
Batch Releaser	The company that makes batch release	Product_ Manufacturer
Dispensation mode	Defines the mode of dispensation e.g., hospital-only	Prescription Only Medicine (POM)
Last Created Date	Date of product creation or the last time when the product was updated	2021-06- 28T14:13:28.930346+04:00
Last Modified Date	Date of the last time when the product was updated	2021-06- 28T14:13:28.930346+04:00
Last Updated in MoHAP	Date of the last time when the product was updated in MoHAP	2022-02- 01T13:28:06.485497+04:00

4.1.1.2.1 Product Master Data Sync

Tatmeen synchronizes product master data from BrandSync (for more about BrandSync go to <u>https://brand-sync.com</u>). But to be sure that you have the latest data you can manually synchronize product master data from the BrandSync system by

Synchronize

pressing Synchronize



Figure 14: Product Details – Synchronize

4.1.2 **Product Master Data – Mobile**

To see and explore more about product master data, in the mobile navigation menu select Master Data \rightarrow Product Display

Master Data	
Product Display	>
Partner Display	>

Figure 15: Mobile navigation menu – Product

On the Product page next options are available:

تطمین Tatmeen



- Display of all products (drugs)
- Display of product details

4.1.2.1 Product Master Data Display

When the Product Master Data page is opened, as a security measure, the User can see only products related/registered by him.

There are some exceptions such as MoHAP, which can see all products.

■ Product Search	? 🗜
Search [m]	Ó
actificances 1000 kJ 1 Greek Viet (5 m	
00642421072020	
DREG-35060-36822-32	
17. 3. 2019 - 16. 3. 2024 FA	
Approved	
ADVNOVATE 1000 AJ 1 Glass Vial (5 m	[lycaphilized
121246-40-5740-57-11-27-11-244-11	
DREG-35060-36822-32	
17. 3. 2019 - 16. 3. 2024	
BE	
Approved	
Mussyme® 50 mg 1 Glass Vial	
05000283661412	
DRUG-2020-001594	
21. 12. 2020 - 20. 12. 2025	
EA Approved	
Myszyme® 50 mg 1 Glass Vial	
1/50101208.2608.0221	
21 12 2020 - 20 12 2025	
21.12.2020-20.12.2023	

Figure 16: Product Display

Product data is displayed on the mobile application screen as:



Product Description GTIN MoHAP Registration Number Registration Valid From - Registration Valid To 17. 3. 2019 - 16. 3. 2024

Unit of Measure EA

Status Approved

Figure 17: Product data display

To search product data by GTIN, product description, or MOHAP registration number, start entering the search string or only part of it in the Search field.

Search [III]

(〕

Figure 18: Search field

The search will start automatically when you stop entering characters. All search results will be displayed in the list below.

You can also scan the GTIN barcode by pressing Camera to use the camera on your mobile or tablet.



Document ID: Tatmeen_TRM-0097_Training Manual for Master Data_v1.0

\equiv Product Search	? 🖓
You can search for products by GTIN, D and MoHAP Registration Number. Sele will bring you to details.	Description ct a result
Search ^[H] myoz	Ó
Myszyme® 30 mg 1 Glass Vial	
21 12 2020 20 12 2025	
21. 12. 2020 - 20. 12. 2025 ΕΔ	
Approved	
21. 12. 2020 - 20. 12. 2025 CV Approved	
Managementh 320 mg 1 Elaises Wall (Inconstruction)	
21. 12. 2020 - 20. 12. 2025 BE Approved	

Figure 19: Product Search

For more details about the product, press on product data to open a page with additional details.

4.1.2.2 Product Master Data Details

On the Product Master Data Detail page, the additional detailed information for a selected product is displayed.



< Adynovate	©
MOHAP Registation Number	
Trade Name	
Common Name(INN)	i
Product Description	i
Brand Name	
Product Category Tatmeen - Registered Pharma Products	
Target Market AE	
Country of Batch Release BE	
Strength 1000 IU	
Packaging Type	

Figure 20: Product Details

To return to the previous page Product Display, where you can see a list of all products, press Back

Some fields have a lot of content and cannot be displayed in full. To view all the details

from the field, press Info (i) where a pop-up window will open.



© ک
MOHAP Registation Number
Trade Name
Common Name(INN)
ADYNOVATE 1000 RJ 1
ADMNOVATE 1000 KJ 1 Glass Vial (5 ml) lynghilized antherroghilic factor (Recontlinant) PEGylated+1 Glass Vial (5 ml) solvent+1 BAAJECT II IN Flow Needlaless Transfer Device
CLOSE
Target Market AE
Country of Batch Release BE
Strength 1000 IU
Packaging Type

Figure 21: Additional field details

The table below gives an explanation of each field on the Product Detail page:

Field Name	Description	Example
MoHAP Registration Number	Drug's registration number in the UAE MoHAP system	REG_NUMBER-123
Trade name	Branded Name of the product. Used by MAH, Agents, and downstream users	Product_Trade_Name
Common Name (INN)	INN facilitates the identification of pharmaceutical substances or active pharmaceutical ingredients. Each INN is a unique name that is globally recognized and is public property (e.g. paracetamol). A non- proprietary name is also known as a generic name. This data will help in aggregating similar products for viewing stocks	latanoprost, timolol



Field Name	Description	Example
Product Description	Description of the product	Product_Description
Brand Name	For combining all products under a given brand. For example, all Panadol variants	Brand_Name
Product Category	Differentiate between registered/unregistered product	Tatmeen - Registered Pharma Products
Target Market	If we want to show products that are for multiple countries By default, this would be UAE	UAE
Country of Batch Release	Country of origin	UAE
Strength	Strength of API in the drug	1000 mg
Packaging Type	Packaging type of the product	Blister
Shelf Life	Standard shelf life of the product that will be used for validating Expiry Dates	36
Shelf Life UOM	Shelf Life unit of measure	Months
WHO ATC Codes	Global WHO (World Health Organization) classification of APIs	A10BH45
MAH Name	Manufacturer name	MAH_Name
MAH Country	Manufacturer country	Turkey
MAH's GLN	GLN (Global Location Number) of the Manufacturer who registered the drug	1234512365454
Agent Name	Name of the agent representing the manufacturer in the UAE	Al ittihad drug store
Agent License Number	The license of the agent representing the manufacturer the in UAE	1371
Registered Agent's GLN	GLN (Global Location Number) of the agent	1234512365454
Publisher GLN	GLN (Global Location Number) of the entithatwho submitted the data. This could be either the Agent or MAH	1234512365454
Active Pharmaceutical Ingredient(s)	Capture the APIs in the product	latanoprost
Controlled Drug	A flag to identify controlled drugs. This will be used for controls in the supply chain, dispensation, and reporting	Y
Semi-Controlled Drug	A flag to identify a semi-controlled drug. This will be used for controls in the supply chain, dispensation, and reporting	Ν
Controlled Narcotics	A flag to identify a controlled narcotic. This will be used for controls in the supply chain, dispensation, and reporting	Ν
Base Unit of Measure	Unit of measure for which the stocks of a material are managed eg., Litres, KG, Grams, Millilitres, etc.	EA



Field Name	Description	Example
Quantity of Base UoM	Number presenting Base unit of measure	1
Registration Valid From	Drug's registration validity from the date	28/12/2016 12:00:00.000000 AM
Registration Valid To	Drug's registration validity to date	26.12.2026
GTIN of Packaging Level	Global Trade Item Number is a fixed number (14 digits), which is globally unique for a product	12354789654786
	Note: GTINs will be provided by the drug registration system as an editable field in BrandSync.	
SKU Packaging Level	Content of the above packaging level	2
Unit of Measure	Unit of measure for the packaging level, e.g., carton, bottle, bundle shipper, pallet, etc.	ml
Numerator	Data for linking the unit of measure with the base unit of measure	22
Denominator	Data for linking the unit of measure with the base unit of measure	1
Status	Status of the product i.e. Recalled, Locked for in Imports, Active	ACTIVE
Batch Releaser	A company that makes batch release	Product_ Manufacturer
Dispensation mode	Defines the mode of dispensation e.g., hospital-only	Prescription Only Medicine (POM)
Last Created Date	Date of product creation or the last time when the product was updated	2021-06- 28T14:13:28.930346+04:00
Last Modified Date	Date of the last time when the product was updated	2021-06- 28T14:13:28.930346+04:00
Last Updated in MoHAP	Date of the last time when the product was updated in MoHAP	2022-02- 01T13:28:06.485497+04:00

4.1.2.2.1 Product Master Data Sync

Tatmeen synchronizes product master data from BrandSync (for more about BrandSync go to <u>https://brand-sync.com</u>). But to be sure that you have the last data you can manually synchronize product master data from the BrandSync system by pressing Synchronize in the top right corner of the page.



← BACK

MOHAP Registation Number

Trade Name

Common Name(INN)

①

Product Description

③

Brand Name

Figure 22: Product Details – Synchronize



4.2 Partner Master Data

Tatmeen must contain details of each UAE partner (stakeholder) within the regulatory scope of the pharmaceutical product supply chain.

To confirm this, each partner must be successfully registered in the MoHAP/DOH/DHA Licensing systems.

Each business partner is represented in Tatmeen with a unique Global Location Number (GLN).

4.2.1 Partner Master Data – Portal

Partner can refer to a MAH, Wholesaler, Distributor, 3PL, or Government departments, depending on your organization.

To see and explore more about partner master data, in the navigation menu select Master Data \rightarrow Partner Display



Figure 23: Portal navigation menu – Partner

On the Partner page next options are available:

- Display of all partners
- Display of partner details

4.2.1.1 Partner Master Data Display

The user can see only partners related/registered by their organization and not from others.

There are some exceptions, such as MoHAP departments, can see all partners.



Partner Search								
/ou can search for	r partners via G	LN, business partner name and role. Select a res	ult will bring you to details.					
			Search ⑦					
					303			
Search Result	31							
GLN [*]	Location *	Business Partner Name *	Registration Authority *	License Number *	Registration Valid From	Registration Valid To [*]	Status *	[object Object]
					30/10/2021	12/10/2011	Active	\odot
					30/10/2021	12/10/2011	Active	\odot
					30/10/2021	12/10/2011	Active	\odot
					30/10/2021	12/10/2011	Active	Θ
					30/10/2021	12/10/2011	Active	Θ
		in a Sampler. Repaire			30/10/2021	12/10/2011	Active	•
					30/10/2021	12/10/2011	Active	•
								_



For faster searching among all partner data, enter GLN, location, business partner name or role, or only part of it in the field Search.

Search 🕜		
		90

Figure 25: Search field

The search will start automatically when you stop entering characters. All search results will be displayed in the table below.

You can also scan the GLN barcode by pressing Scan	615	when you use a scanner
or tablet.		

6.0

If Scan has a yellow border, this means that the Partner page does not have focus and in the case of scanning, the value will not appear in the Search field. Click with the mouse somewhere inside the partner page and the yellow border will disappear.





Right from each column name, you will find = To sort data in a table ascending or descending, click once or twice on the arrow or the field name.



Figure 26: Sort

On the left side above the table, a Search result is displayed which shows the number of all items listed in a table.



For more details about a partner, press in the last column at each partner which will display a page with additional details.

artner Search								
ou can search for	partners via G	LN, business partner name and role. Select a res	ult will bring you to details.					
			Search 🕐					
					500C			
Search Result	1							
SLN*	Location *	Business Partner Name *	Registration Authority *	License Number *	Registration Valid From	Registration Valid To [*]	Status *	
					30/10/2021	12/10/2011	Active	•
					30/10/2021	12/10/2011	Active	•
					30/10/2021	12/10/2011	Active	Θ
					30/10/2021	12/10/2011	Active	•
					30/10/2021	12/10/2011	Active	•
		In a Same for Argentum			30/10/2021	12/10/2011	Active	•
					30/10/2021	12/10/2011	Active	

Figure 28: Partner - button for Partner Details

At the bottom of the table, there is a navigation line that will help you to navigate to a specific page.



Figure 29: Product – Navigation line



By default, there are always 10 records displayed on one page of the table. You can change this by selecting one of the options from the dropdown menu Show 10 v

When you have more data in the table, with buttons you navigate:

- to the first page
- to the previous page
- to the next page
- to the last page

You also see number how many pages exist Page 7	of ²³ . Y	ou can navigat	e to a different
page by entering the number of the page Go to page:	1		

4.2.1.2 Partner Master Data Details

On the Partner Master Data Detail page, the additional detailed information for a selected partner is displayed.



Home > Master Data > Partner Display			
and the second sec			۲
MOHAP/DHA/DOH License Number		Business Partner Name	
Group Name	White Inc	Registration Authority	PORT
Registration Valid From	30/10/2021	Registration Valid To	12/10/2011
Establishment Type	Government	Roles	Scientific office
GS1 Global Company Prefix		GLN of Location	
Contact	Miss Dr. Johanna Brown	Contact 2	Dr. Kristopher Heller
E-Mail	Carmelo.Gutmann@hotmail.com	E-Mail 2	Alexie.Vandervort@gmail.com
Phone Number	+97-850-821-8705	Phone Number 2	+53-409-509-3006
Status	Active		
GS1 last update	18.02.2022 12:57:00	Last updated in MOHAP	17.02.2022 08:37:00
Additional GCPs	8901175	Additional GLNs	
SPOC First Name	Antonetta	SPOC Last Name	Ankunding
SPOC Work Phone	+89-758-406-1088	SPOC Mobile Phone	+83-359-818-2014
SPOC E-Mail	Mireya_Bechtelar@hotmail.com	SPOC Role	Future Interactions Director
Location Specific Data			
Street		House Number	
City Postal Code	71904752	City	
Country Code	AE	Region(State, Province, Country)	AZ
GPS Coordinates	-32.317000000000 , -102.942100000000 🖤	Area	
			Back Synchronize
C			

Figure 30: Partner Details

To return to the previous page, Partner Display, where you can see the list of all

partners, press Back

The table below gives an explanation of each field on the Partner Detail page:

Field Name	Description	Example
MoHAP/DHA/DOH License Number	MoHAP/DOH/DHA facility License Number	License_Number
Business Partner Name	Registered Business Name	Partner_Name
Group name	The group name of Pharmacies or Medical Facilities such as Aster, Bin Sina, Mediclinic	Group_Name
Registration Authority	The Authority the partner is registered with.	DHA
Registration Valid From	License validity from date to prevent transactions post validity	2020-02-11
Registration Valid To	License validity to date to prevent transactions post validity	2021-02-10
Establishment Type	The nature of the partner organization (i.e: Private, Public).	Private
Roles	Role of the organization: • ZA - Diagnosis Center	General Clinic



Field Name	Description	Example
	 ZB - General Clinic ZC - General Dental Clinic ZD - Hospital ZE - Medical Center ZF - Medical Store ZG - Medical store for re-export ZH - One Day Hospital ZI - Pharmacy ZJ - Rehabilitation Center ZK - School Clinic ZL - Scientific Office ZM - Specialty Clinic ZN - Specialty Dental Clinic 	
GS1 Global Compay Prefix	GCP global company prefix is a unique number given to the company when they register with GS1.	1234000990
GLN of Location	Global Location Number of the location. GLN is a unique identification number to identify the location in the supply chain that needs to be uniquely identified globally.	1234500008001
Contact/Contact 2	Contact person	John Smith
E-Mail/E-Mail 2	Email address for communication from Tatmeen	test@brandsync.com
Phone Number/Phone Number 2	Phone number of the contact person	
Status	Status of the partner	Active
GS1 last update	Partner data last update from BrandSync	05.02.2021 10:42:00
Last updated in MOHAP	Partner data last updated from MOHAP	01.01.2021 09:01:00
Additional GCPs	GCP global company prefix is a unique number given to the company when they register with GS1.	04018934 83666250
Additional GLNs	Global Location Number of the location. GLN is a unique identification number to identify the location in the supply chain that needs to be uniquely identified globally.	1234500008001
SPOC First Name	Company SPOC (Single Point Of Contact, is in charge of creating and administrating the rest of the Tatmeen users for the partner) first name	Hank
SPOC Last Name	Company SPOC (Single Point Of Contact) last name	Hill
SPOC Work Phone	Company SPOC (Single Point Of Contact) work phone number	+971 567 8900
SPOC Mobile Phone	Company SPOC (Single Point Of Contact) mobile phone number	+971 567 8900
SPOC E-Mail	Company SPOC (Single Point Of Contact) email address	hank@pfizer.com
SPOC Role	Company SPOC (Single Point Of Contact) role	Manager
Street	Postal Address – Street	Street name
House Number	Postal Address – House Number	8



4.2.1.2.1 Partner Master Data Sync

Tatmeen synchronizes partner master data from GS1 SalesForce/BrandSync. But to be sure that you have the last data you can manually synchronize partner master data

from the SalesForce/BrandSync system by pressing Synchronize

Home > Master Data > Partner Display				
				_
Consistent Physics, Phys.			۲	
MoHAP/DHA/DOH License Number	10027	Business Partner Name		
Group Name	White Inc	Registration Authority	PORT	
Registration Valid From	30/10/2021	Registration Valid To	12/10/2011	
Establishment Type	Government	Roles	Scientific office	
GS1 Global Company Prefix		GLN of Location		
Contact	Miss Dr. Johanna Brown	Contact 2	Dr. Kristopher Heller	
E-Mail	Carmelo.Gutmann@hotmail.com	E-Mail 2	Alexie.Vandervort@gmail.com	
Phone Number	+97-850-821-8705	Phone Number 2	+53-409-509-3006	
Status	Active			
GS1 last update	18.02.2022 12:57:00	Last updated in MOHAP	17.02.2022 08:37:00	
Additional GCPs	881113	Additional GLNs		
SPOC First Name	Antonetta	SPOC Last Name	Ankunding	
SPOC Work Phone	+89-758-406-1088	SPOC Mobile Phone	+83-359-818-2014	
SPOC E-Mail	Mireya_Bechtelar@hotmail.com	SPOC Role	Future Interactions Director	
Location Specific Data				
Street		House Number		
City Postal Code	71904752	City		
Country Code	AE	Region(State, Province, Country)	AZ	
GPS Coordinates	-32.317000000000 , -102.942100000000 🕮	Area		
			Back Synchronize	





Synchronize



4.2.2 Partner Master Data – Mobile

Partner can refer to a MAH, Wholesaler, Distributor, 3PL, or MoHAP entity, depending on your organization.

To see and explore more about partner master data, in the mobile navigation menu select Master Data \rightarrow Partner Display

Master Data	
Product Display	>
Partner Display	>

Figure 32: Mobile navigation menu - Partner

On the Partner page next options are available:

- Display of all partners
- Display of partner details

4.2.2.1 Partner Master Data Display

The user can only see only partners data related/registered by their organization and not from others.

There are some exceptions, such as MoHAP departments, can see all partners.



≡ Partner Search	?	<mark>۹+</mark> حک	
You can search for partners via GLN, business partner name and role. Select a result will bring you to details.			
Search [iiii]		Ô	
DOH - Active DOH - Active			
DHCC - Active	arite 7	5	
МОНАР			

Figure 33: Partner Display

Partner data is displayed on the mobile application screen as:

Business Partner Name GLN of Location Registration Authority MOHAP License Number Registration From - Registration To 1. 1. 2021 - 1. 1. 2023 Status Active

Figure 34: Partner data Display



To search among all partner data, enter GLN or Business Partner name, or only part of it, in the field Search.

Search [III]		Ó
	Figure 35: Search field	

The search will start automatically when you stop entering characters. All search results will be displayed in the list below.

You can also scan the GLN barcode by pressing Camera ¹ to use the camera on your mobile or tablet.

≡	Partner Search	? 4	
You can search for partners via GLN, business partner name and role. Select a result will bring you to details.			
Search ((m) 	Ó	
DOH			
- Active			

Figure 36: Partner Search

For more details about the partner, click on partner data to open a page with additional detail.



■ Partner Search	? [‡]
Search [III]	~
Any second / Incognist 1957 - Cr	
DHCC	
222	
28. 12. 2005 - 28. 12. 2022	
Active	
DHA	
0099999	
1. 1. 2022 - 1. 1. 2024	

Figure 37: Partner - press for Partner Details

4.2.2.2 Partner Master Data Details

On the Partner Master Data Detail page, the additional detailed information for a selected partner is displayed.



9+ 🔶 васк University Hos... MoHAP/DHA/DOH License Number **Business Partner Name** (i) University Hospital ... Group Name Thumbay Test for Group Name **Registration Authority** DHCC **Registration Valid From** 28. 12. 2005 **Registration Valid To** 28.12.2022 Establishment Type Private Roles Hospital GS1 Global Company Prefix GLN of Location Figure 38: Partner Details

To return to the previous page, Partner Search, where you can see a list of all partners, press Back \leftarrow BACK

The table below gives an explanation of each field on the Partner Detail page:

Field Name	Description	Example
MoHAP/DHA/DOH License Number	MoHAP/DOH/DHA facility License Number	License_Number
Business Partner Name	Registered Business Name	Partner_Name
Group name	The group name of Pharmacies or Medical Facilities such as Aster, Bin Sina, Mediclinic	Group_Name



Field Name	Description	Example
Registration Authority	The Authority the partner is registered with.	DHA
Registration Valid From	License validity from date to prevent transactions post validity	2020-02-11
Registration Valid To	License validity to date to prevent transactions post validity	2021-02-10
Establishment Type	The nature of the partner organization (i.e: Private, Public).	Private
Roles	 Role of the organization: ZA - Diagnosis Center ZB - General Clinic ZC - General Dental Clinic ZD - Hospital ZE - Medical Center ZF - Medical Store ZG - Medical store for re-export ZH - One Day Hospital ZI - Pharmacy ZJ - Rehabilitation Center ZK - School Clinic ZL - Scientific Office ZM - Specialty Clinic ZN - Specialty Dental Clinic 	General Clinic
GS1 Global Compay Prefix	GCP global company prefix is a unique number given to the company when they register with GS1.	1234000990
GLN of Location	Global Location Number of the location. GLN is a unique identification number to identify the location in the supply chain that needs to be uniquely identified globally.	1234500008001
Contact/Contact 2	Contact person	John Smith
E-Mail/E-Mail 2	Email address for communication from Tatmeen	test@brandsync.com
Phone Number/Phone Number 2	Phone number of the contact person	
Status	Status of the partner	Active
GS1 last update	Partner data last update from BrandSync	05.02.2021 10:42:00
Last updated in MOHAP	Partner data last updated from MOHAP	01.01.2021 09:01:00
Additional GCPs	GCP global company prefix is a unique number given to the company when they register with GS1.	04018934 83666250
Additional GLNs	Global Location Number of the location. GLN is a unique identification number to identify the location in the supply chain that needs to be uniquely identified globally.	1234500008001
SPOC First Name	Company SPOC (Single Point Of Contact) first name	Hank
SPOC Last Name	Company SPOC (Single Point Of Contact) last name	Hill
SPOC Work Phone	Company SPOC (Single Point Of Contact) work phone number	+971 567 8900
SPOC Mobile Phone	Company SPOC (Single Point Of Contact) mobile phone number	+971 567 8900

Field Name	Description	Example	
SPOC E-Mail	Company SPOC (Single Point Of Contact) email address	hank@pfizer.com	
SPOC Role	Company SPOC (Single Point Of Contact) role	Manager	
Street	Postal Address – Street	Street name	
House Number	Postal Address – House Number	8	
City postal code	Postal Address – City Postal Code	36725	
City	Postal Address – City	Dubai	
Country Code	Postal Address – Country Code	Dubai	
Region(State, Province, Country)	Postal Address – Region	AE	
GPS Coordinates	Geo-coordinates	25.205290300000, 55.295900000000	
Area	Postal Address - Area	Al Qusais - 1	

4.2.2.2.1 Partner Master Data Sync

Tatmeen synchronizes partner master data from SalesForce. But to be sure that you have the last data you can manually synchronize partner master data from the

SalesForce system by pressing Synchronize in the top right corner of the page.

← васк	University Hos	©	9+ 45	
MoHAP/DHA/DOH License Number				
Business Partr University Hos		í		
Group Name Thumbay Test	for Group Name			
Registration A	uthority			

Figure 39: Partner Details - Synchronize



4.3 B2B Connectivity

In addition to Mobile and Portal, Tatmeen allows supply chain partners to implement B2B connectivity (system to system integration) using Tatmeen APIs (application programming interfaces). For B2B connectivity to Tatmeen please refer to the relevant technical document at <u>https://tatmeen.ae/documents</u> for further information.

5. HOW – TO Master Data

5.1 HOW – TO Product

5.1.1 How do I search a Product if only GTIN, Description, or MOHAP Registration Number is known?

In the navigation menu select Master Data \rightarrow Product Display.

In the Search field enter GTIN, Description, or MOHAP Registration Number or only part of [4.1.1.1].

The search will start automatically when you stop entering characters.

If you use the scanner, tablet, or camera on the mobile phone you can also scan the GLN barcode by pressing Scan on the right side of the Search field.

5.1.2 How do I see product details?

In the navigation menu select Master Data \rightarrow Product Display.

Press the button Details in the last column at the product for which details you want to see [4.1.1.1]. A new page will open with additional details for the selected product.

5.1.3 How do I synchronize data from BrandSync?

In the navigation menu select Master Data \rightarrow Product Display

Press the button Details in the last column at the product for which data you want to synchronize [4.1.1.1]. A new page will open with additional details for the selected product.

For synchronization of a product master data from the BrandSync system press

Svnchronize



5.2 HOW – TO Partner

5.2.1 How do I search for a Partner if only GLN, location, business partner name, or role is known?

In the navigation menu select Master Data \rightarrow Partner Display

In the Search field enter GLN, location, business partner name or role, or only part of it [4.2.1.1].

The search will start automatically when you stop entering characters.

If you use the scanner, tablet, or camera on the mobile phone you can also scan the GLN barcode by pressing Scan on the right side of the Search field.

5.2.2 How do I see partner details?

In the navigation menu select Master Data \rightarrow Partner Display

Press the button Details in the last column at the partner for which details you want to see [4.2.1.1]. A new page will open with additional details for the selected partner.

5.2.3 How do I synchronize data from SalesForce?

In the navigation menu select Master Data \rightarrow Partner Display

Press the button Details in the last column at the partner for which data you want to synchronize [4.2.1.2]. A new page will open with additional details for the selected product.

For synchronization of a partner master data from the SalesForce system press

Synchronize [4.2.1.2.1].



6. FAQ – Master Data

6.1 Can I create a new Product/Partner or update existing master data in Tatmeen?

No, creation or update of master data is not possible in Tatmeen. Partner master (facility data) data is created and updated in MoHAP/DHA/DoH Licensing Systems and sent to to GS1 SalesForce. In GS1 SalesForce the data is enhanced with additional information such as GLN, Geo Coordinates, SPOC information etc., then it is sent to Tatmeen.

Product Master data is created and updated on different systems depending on its type:

- Registered Drugs: MoHAP Drugs Registration System (and from there synchronised to and enhanced in Brandsync and from this system to Tatmeen).
- Unregistered Drugs: MoHAP Import/Sales Permit System (and from there synchronised to and enhanced in Brandsync and from this system to Tatmeen).

6.2 I corrected data for Product in BrandSync but in Tatmeen are still old data.

If synchronization between BrandSync and Tatmeen was not made yet, you can manually trigger the synchronization of a specific Product master data from the Tatmeen Product Detail master data page.



7. GLOSSARY

General short terms and abbreviations can be found in the global Glossary (see section 1.7 of this document). A list of additional terms that were referred to in this document have also been added here:

Acronym	Term	Definition
API	Application Programming Interface	API Management is a solution included in the SAP BTP that provides the means to integrate SC (participants) via a B2B connection.
ATTP	Advanced Track and Trace for Pharmaceuticals from SAP	The SAP solution supports track and trace activities designed for Pharmaceutical purposes but also supports other industries.
EPCIS	Electronic Product Code Information Services	EPC information services (EPCIS) is an EPC global standard designed to enable EPC-related data sharing within and across enterprises. This data sharing is aimed at enabling participants in the EPC global Network to obtain a common view of the disposition of EPC-bearing objects within a business context.
GCP	Global Company Prefix	Global Company Prefix
GLN	Global Location Number	Global Location Number
GS1	Global Standards One	GS1 (<u>https://www.gs1.org/</u> and <u>https://www.gs1ae.org/</u>) is a global organization dedicated to the design and implementation of global standards and solutions to improve the efficiency and visibility of supply and demand chains globally and across sectors. The GS1 system of standards is the most widely used supply chain standards system in the world.
GTIN	Global Trade Item Number	Identifier for trade items developed by GS1. Such identifiers are used to look up product information in the database (often inputting these numbers through a bar code scanner), which may belong to a retailer, manufacturer, collector, researcher, or other entity.
KG	Kilogram	Kilogram
MAH	Marketing Authorization H older	An organization that is the brand-owner of a particular product.
MoHAP	Ministry of Health and Prevention of the UAE	UAE ministry is responsible for regulation, healthcare delivery, and oversight.
N/A	Not Applicable	This shall be used where no relevant information can be added.
SC	Supply Chain	The service to support logistics operations relating to the sourcing and transportation of goods. The broader application can also support services.
sGTIN	Serialized Global Trade Item Number	Serialized Global Trade Item Number
SHP	Shipment Import Permit	Shipment Import Permit
SME	Subject Matter Expert	Subject Matter Expert



Acronym	Term	Definition
SSCC	Serial Shipping Container Code	A GS1 identification key is used to identify a logistic unit. This unique identifier is comprised of an Extension Digit, a GS1 Company Prefix, a Serial Reference, and a Check Digit.
System	Tatmeen	Tatmeen
Tatmeen	Name of the United Arab Emirates Track & Trace (T&T) System	Name of the Track & Trace (T&T) System
T&T	Track and Trace	An electronic solution to support the recording of the historic movement of goods based on the unique identification of goods. Subsequent evaluation of the electronic records supports reporting of movements and their traceability.
UAE	United Arab Emirates	United Arab Emirates
UoM	Unit of Measure	Unit of Measure
URL	Uniform Resource Locator	The mechanism used by browsers to retrieve any published resource on the web.
WHO	World Health Organization	World Health Organization
WHO ATC Codes	World Health Organization Anatomical Therapeutic Chemical code	A unique code is assigned to medicine according to the organ or system it works on and how it works.
WMS	Warehouse Management System	Warehouse Management System
3PL	Third-Party Logistics	External (to the MoHAP organization) supply chain partners.

Table 2 Glossary



Training Manual for **Master Data**

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