



TMS GUI Manual v2

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pag. 1 / 77



TABLE OF CONTENTS:

1. Introduction	4
 1. 1. TMS Scalability 1. 1. 1. All on 1 machine 1. 1. 2. Graphical User Interface(s) on other machine(s) 1. 1. 3. Fully distributed architecture 	5 5 6
1. 2. The types of actions of TMS	7
2. Login screen	8
3. File menu	9
3. 1. Station selection	9
3. 2. Group selection	10
3. 3. Quick action	11
3. 4. Print	11
3. 5. Exit	11
3. 6. Icon bar	12
4. Schedule menu	
4. 1. Add button	14
4. 2. Quick button	21
4. 3. Filter button	22
5. View menu	23
5. 1. Report	23
5. 2. Export	24
5. 3. Logging	25
5. 4. Tank status	26
5. 5. Fuel price overview	27
6. Edit menu	
6. 1. Terminal/Dispenser management	28
 6. 2. 1. Save button 6. 2. 2. Linked sites button 	31
6. 3. Fuel prices	34
6. 4. Pre-init wet fuel prices	35
6. 5. Site parameters	37
7. Define menu	38



7. 1. Station	
7. 1. 1. Add button	
7. 1. 2. Delete button	41
7. 1. 3. Reinitialise button	41
7. 1. 4. Filter button	
7. 2. Groups	43
7. 2. 1. Add button	44
7. 2. 2. Delete button	
7. 2. 3. Edit button	
7. 3. Actions	45
7. 3. 1. Reports	45
7. 3. 2. Exports	47
7. 3. 3. System services	
7. 3. 4. Quick	51
7. 3. 5. Call	53
8. Setup menu	54
8. 1. Formulas	54
8. 1. 1. Add button	
8. 2. EFT Setup	55
8. 3. User management	56
8. 3. 1. Tab User Profiles	
8. 3. 2. Tab Users	
8. 3. 3. User management related information	
9. Window menu	60
9. 1. Cascade	60
9. 2. Tile horizontally	60
9. 3. Tile vertically	60
10. Help menu	
10. 1. About	61
Appendix A: REPORTING COMPONENTS	
Аррепиіх Б: ЕЛРОКІЗ	



1. Introduction



TMS is a universal tool for seamless dataflow between the company specific IT headquarters infrastructure and the individual petrol stations. Even though foreseen with user interface, it is mainly meant to work 24 hours a day, all year long, without any need for user interference, automating all the dataflow between the sites and the central, in both directions. It is meant to be able to accept data in any format and provide data in any format in order to fit into as much as possible into the existing headquarter IT infrastructure.

TMS Scheduler(s) continuously check(s) whether new actions have to be executed. It awaits triggers from various sources and acts upon them. Action scripts are located in the TMS database. Action scripts are managed through TMS GUI and or can be imported externally. Actions can be executed immediately or based on a time schedule, subject to an external or internal trigger. Actions are often recurrent, programmed to happen repeatedly (Every day but not in the weekend,...). Action completion can trigger other actions depending on the result of the action. Actions are station specific, or for a group of stations.

Various architectures of TMS installation are available. In its most distributed form, multiple user interfaces (TMS GUI) operate on client machines allowing users to control multiple action schedulers residing on other machines. More user interfaces are useful when various users need to supervise distinctive tasks (user possibilities can vary depending on attributed rights...). Multiple TMS Schedulers are useful in case of huge networks with hundreds of sites. The benefit of using more TMS Schedulers is increase of responsiveness, higher reliability and possibility to dedicate distinctive tasks to a specific TMS Scheduler. This can be needed in case of heterogeneous networks using various communication means only available from separate physical locations.

The TMS scheduler communicates with the sites using TCP/IP. Old networks using PSTN, ISDN and X25 are also supported. Volume of data transferred can be kept low in order to allow for fluent operation over communication networks with a very low throughput.



1.1.TMS Scalability

1.1.1.All on 1 machine



In this setup, the database (DB), the scheduler (TMS Scheduler) and the user interface (TMS GUI) are all installed on 1 machine.

1. 1. 2. Graphical User Interface(s) on other machine(s)



In this setup, the database (DB) and the scheduler (TMS Scheduler) are installed together. Other machines are used to run the user interface (TMS GUI and the scheduler viewer).



1. 1. 3. Fully distributed architecture



In this setup, the database is located on a server, schedulers are on separate machines and GUI's/viewers are integrated into user desktops.



1. 2. The types of actions of TMS

TMS is a universal tool for fully automated seamless dataflow between the company specific IT headquarters infrastructure and the petrol stations. It converts and transfers data between headquarter and sites.

These are the different action types:

•

- CALL Script based data exchange with sites
- REPORT Generation of human readable reports of various kinds and formats
 - EXPORT Generation of machine readable data of various kinds and formats
- SERVICE Data Import, conversion, processing and transport.
- QUIT Programmed temporary termination of TMS scheduler. Can be used for external backup



🐠 Tele Management Net		—	\times
File Schedule View Edit Define Setup Wind	low Help		
🎢 🚳 🌆 🚍			
Login			
	Login Password		
	Cancel		
Login	Change password		

After opening the GUI application, a login screen will pop up. It is mandatory to have a login and a password. (If you do not have a login and a password, you will have to contact an Administrator). Enter your login and password and confirm with the [Login] button.

To change your password, click the [Change password] button.

Login		
	Login	Administrator
	Password	******
	New Pw	ИМИНИ
Confirm	n Password	*****
		Cancel
Login		<u>W</u> rite new password

Enter a new password in the 'New pw' field and the 'Confirm password' field. Confirm the entry with the button [Write new password]. This button only appears after entering the previously mentioned fields. NOTE: "Login" and "Password" are case sensitive.



3. File menu

3.1. Station selection

		Tele Manag	ement l	Vet							-		×
	File	Schedule	View	Edit	Define	Setup	Window	Help					
Station selection		1 🚓 🕴	<u>ictic</u>	4						Welcome	e Administ	rator	0
Group selection		<u> </u>											
Quick Action													
Print													
Exit													

M Station sele	ction		×
0001 MICRELI	EC TEST	^	10000000
0004	HASSELT		
0031	CHATELINEAU		1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
0032	CHATELINEAU		
0034	COUILLET		
0036	EDINGEN		Deselect
0042	ROODSTOP		
0044	TAMINES		Find Station id
0051	GENT		
0057	Soignies		
0066	HEUHTELEKSEL		
0057	PUNDRUME		
0074	BAISYTHY		
0083	RAIN		
0094	PALISEUL		
0100	MUUSCRUN ZAFEELADE		
0110			
0121	STARDOFK		
0122	DESTEL BERGEN		(
0135	FOREST		Cancel
0141	COBBION		
0143	MOUSCRON	¥	<u>O</u> k

By selecting a station from this list, you will set up a default station. Every action is scheduled for this default station.

The selected default station will be visible on the TMS main screen, as shown below. Use the button **[Deselect]** to deselect a station as default station.

\infty Tele Management Net	– 🗆 X
File Schedule View Edit Define Setup Window Hel	p
🎦 🚳 🌌 🧾 0001 MICRELEC TEST	Welcome Administrator



3. 2. Group selection

	•	Tele Mana	gemen	t Net								-		×
	File	Schedule	e Viev	w Edit	Define	Setup	Window	Help						
Station selection		1 🚓	a <u>çtiq</u>	4						Welco	ome Adr	ninistra	tor	0
Group selection									 	 				
Quick Action														
Print														
Exit														
							-							
W Group selection						×								
0001 West-Vlaanderen 0002 Oost-Vlaanderen 0003 Vlaarms-Brabant					De Find (select àroup id								
				Ŷ		ancel) <u>O</u> k								

This function is similar to the one described in *1.1 Station selection*. By selecting a group from this list, you will set up a default group. Every action is scheduled for this default group of stations. The selected default group will be visible on the TMS main screen, as shown below. Use the button **[Deselect]** to deselect a group.

🐼 Tele Management Net	_		<
File Schedule View Edit Define Setup Window Help			
🌃 🍓 🌆 🙆 📴 0001 West-Vlaanderen	Welcome Administra	itor 🧕 🚺)
			_

NOTE: this is the only way to define an action for a group of station.



3. 3. Quick action

	1	fele Manage	ement N	Vet						-		×
	File	Schedule	View	Edit	Define	Setup	Window	Help				
Station selection		- 🏤	<u>610</u>	5					Welcome Ad	ministr	ator	0
Group selection												
Quick Action												
Print												
Exit												
M Add a Quick acti	on to s	chedule					>	<				
Station 1 M	IICRE	LEC TEST	F	0005	,		-					
Quick action JUU Ex	port ta	nk detail:	s (10 C	18BE) אר		Cancel					
							Saucei					

This is a fast way of defining an action (or several) for a certain station. The actions in the dropdown list have been created by the user (see: 5.3.4 Quick).

This is a one-time action for immediate scheduling.

3. 4. Print

	•	Tele Manage	ement N	Vet							-		×
	File	Schedule	View	Edit	Define	Setup	Window	Help					
Station selection		1 🚓 🛛	<u>ctio</u>	5						Welcome	Administ	rator	0
Group selection		<u> </u>											
Quick Action													
Print													
Exit													

When a report, export, or logging file is shown, this line will be enabled. This function allows you to print these types of files. See also 3.1 Report, 3.2 Export, 3.3 Logging.

3. 5. Exit

		Tele Manag	ement N	let								-		×
	File	Schedule	View	Edit	Define	Setup	Window	Help						
Station selection		1 🚓 🕯	iç <u>bo</u>	5							Welcom	e Admini:	strator	0
Group selection									 	 				
Quick Action														
Print														
Exit														

This function allows you to exit the TMS application.



3. 6. Icon bar

🐼 Tele Management Net	- 1	o ×
File Schedule View Edit Define Setup Window Help		
🌃 🚳 🌌 🚊	Welcome Administrato	r 🔟
Station selection Group selection Quick action Print		

The buttons in the icon bar correspond to each line in the file menu.

When a certain station or group has been selected, the number and name of this station/group appears in this bar.





4. Schedule menu

To acces the list of scheduled actions, open the schedule menu. The screen below will appear.

•	Tele Manage	ement Ne	t								-	_		×
File	Schedule	View	Edit Defin	ne Setup	Window	Help				Welcom	e Adm	inistral	tor	
2	List of Sche	duled Ac	tions									_		×
Sts	Action at	5-07-45	Site		·•	Туре	Action	Chevi	- 1.100		Retry	Until	A 14 A . A	5-07-45
	2017/11/14	15:37:15	UUU'I MICTO	s test - DAT	5	Servi	Ce 4/80 A	CCESS SITE VI	a LMS		0	201771	1/14 1	5:37:15
<						1		1	-					>
		Delete	Res	chedule	Runno	<u></u>	<u>F</u> ilter	Histor	IV F	Rows: 1	<u>E</u>	dit		ancel
H	old Ali	Deļ. All	Resch	ned <u>u</u> le All	Run all j	now	Clear Fillter	<u>Q</u> uic	:k	<u>R</u> efresh		∆dd		<u>0</u> k

- [Add]: this button allows you to add an action to this list.
- [Edit]: this button allows you to edit an existing action in this list.
- **[Hold]**: this button allows you to put a scheduled action on hold, or to activate it again. When an action is on hold, it is marked with a STOP sign at the beginning of the line.
- [Delete]: this button allows you to delete the selected action(s). Confirm with the [OK] button.
- **[Reschedule]**: this button allows you to reschedule the selected action(s) depending on the way this action is defined.
- [Filter]: this button allows you to filters certain actions.
- **[History]**: this buttons allows you to consult an action's history. Select an scheduled action from the list and click this button.
- [Quick]: this button allows you to add a quick action to the schedule list.
- **[Refresh]**: this button allows you to refreshe the list of actions and removes the actions that have already been executed and that, therefore, do not need to remain in this list.
- **[Cancel]**: this button allows you to close the schedule window.

The [Add], [Quick] and [Filter] buttons are further explained below.



4.1. Add button

🊵 Schedule New /	Action	×
Basic settings		
Do action at	2017/11/14 15:37:15	
Station	1 Micros test - DATS	•
Туре	Service	-
Action	80 Access Site via LMS	•
Advanced settin	gs	
Strategy	01 STANDARD SERVICE STRATEGY	•
Frequency		-
Repeat until	2017/11/14 15:37:15	
Only between	:0 -> :0	
Noton	□mo □tu □we □th □fr □sa	🗆 su
Report/Export	Switches	
From	? Detailed logging	Sencol 1
Include		2011001
Print report		<u>O</u> k
-Dynamic Option:		
		^
1		~

Upon clicking the **[Add]** button, a pop-up window appears. In the section 'Basic settings', the following options are available:

- Do action at: the date and time at which the action is going to be executed. If the date and time take place before the current date and time, the action will be executed immediately.
- Station: the station for which the action will be executed.
- Type: type of action. There are 5 types:
 - Call
 - Report: for more information about Reports see Appendix A.
 - Export: for more information about Exports see Appendix B.
 - Quit: to close the sceduler.
 - Service: for more information about Services see Appendix C.
- Action: the actual action. These are different according to the selected type in the previous step.

To add reports see 7.3.1 Reports. To add exports see 7.3.2 Exports.

To add services see 7.3.3 System services.



Schedule New	Action	×
Do action at	2017/11/14 15:37:15	
Station Type Action	1 MICRELEC TEST Report 87 Report call anomalities	•
Advanced settin	qs	
Strategy	01 STANDARD REPORT STRATEGY	•
Frequency Repeat until Only between Not on Report/Export From Include	00000001 every minute 00000015 every 15 minutes 00001000 every day 00010000 every day 00000000 every week 01000000 every month Switches Detailed logging Hold Hold 	 Cancel
-Dynamic Option:	s	~

The next block of settings are the 'Advanced settings'. On the screenshot above, an anomalities report is added for station 1 which is executed at the specified time.

The 'Frequency' field shows when the action has to be executed:

- Every minute
- Every 15 minutes
- Every hour
- Every day
- Every week
- Every month

The 'Frequency' field uses the following format MMDDhhmm:

- mm: number of minutes (can go up to 60)
- hh: number of hours (can go up to 24)
- DD: number of days (can go up to 31)
- MM: number of months (can go up to 12)

For example when an action needs to be executed every 2 days, 3 hours and 20 minutes, the value in the 'Frequency' field has to be 20320.



Basic settings	Action X					
Do action at	2017/11/14 15:37:15					
Station	1 MICRELEC TEST					
Туре	Report					
Action	87 Report call anomalities					
Advanced settin	gs					
Strategy	01 STANDARD REPORT STRATEGY					
Frequency	00070000 every week					
Repeat until	2019/11/14 00:00:00					
Only between						
Noton	Emo Etu Ewe Eth Efr Esa Esu					
Report/Export	? Detailed logging					
Include						
Print report	<u>k</u>					
Dynamic Option	8					
	^					

When you specify a frequency, it is mandatory to specify the 'Repeat until' field. Here, you will determine for how long TMS has to execute this action taking into account the frequency that was set in the previous field.



Here are some examples concerning the frequency and date/time:

1.						
b Schedule New	Action		×			
Basic settings						
Do action at	2017/11/14 15:3	37:15				
Station	1 MICRELEC T	EST	•			
Туре	Report		-			
Action	82 Tank Levels	s and deliveries	-			
Advanced settin	gs					
Strategy	01 STANDAR	D REPORT STRATEGY	•			
Frequency	00070000.00					
Repeat until	2019/11/14 00:00:00					
Only between	6:00 -> 1	3:00				
Noton	⊏ mo ⊏ tu	□ we □ th □ fr	⊏sa. ⊏su			
-Report/Export-		Switches				
From	?	Detailed logging	Cancal			
Include		Hold				
Print report			<u>k</u>			
-Dynamic Option	8					
			^			
			~			
L						

In the example above, the user specified to make a report including tank levels and deliveries for station 1. Note that the 'Only between' fields have also been specified.

2.					
🊵 Schedule New	Action	×			
Basic settings					
Do action at	2017/11/14 15:37:15				
Station	1 MICRELEC TEST	•			
Туре	Report	-			
Action	93 Test actual level details	•			
Advanced settin	gs				
Strategy	01 STANDARD REPORT STRATEGY	-			
Frequency	00000015 every 15 minutes				
Repeat until	2019/11/14 00:00:00				
Only between	08:00 -> 16:00				
Not on	□mo □tu □we □th □fr □sa	∏ su			
Report/Export	Switches				
From	? Detailed logging	oncol			
Include		ancer			
Print report		<u>0</u> k			
Dynamic Option	s				
		~			
		~			

In this example, the selected action needs to be executed every 15 minutes every day from 08:00 until 16:00.



3.		
b Schedule New	Action	×
Basic settings		
Do action at	2017/11/14 15:37:15	
Station	1 MICRELEC TEST	•
Туре	Export	-
Action	95 Department export	•
Advanced settin	gs	
Strategy	01 STANDARD EXPORT STRATEGY	-
Frequency	00010000 every day	-
Repeat until	2019/11/14 00:00:00	
Only between	: -> :	
Not on	□mo □tu □we □th □fr 🔽 sa.	🔽 su
-Report/Export	Switches	
From	? Detailed logging	Cancel
Include	[Hold	Gancer
Print report		<u>0</u> k
Dynamic Option	s	
		^
		~

In this example, the user specified a department export for station 1. Note that the 'Not on' field has also been specified. This action will be executed every day except on Saturday and Sunday.



The user can also specify to create a report or export for a certain number of cutovers by clicking the [?] button in the 'Report/Export' section.

🚵 Schedule New	Action >	<
Basic settings		٦
Do action at	2017/11/14 15:37:15	
Station	1 MICRELEC TEST	
Туре	Export 💌	
Action	95 Department export	
Advanced settin	gs	5
Strategy	01 STANDARD EXPORT STRATEGY	
Frequency	00010000 every day 💌	
Repeat until	2019/11/14 00:00:00	
Only between	· -> :	
Noton	□mo □tu □we □th □fr マ sa. マ su	
Report/Export	Switches	
From	? Detailed logging	1
Include		1
Print report	<u>k</u>	
-Dynamic Option	s	-
	^	
	×	

The window 'Cutover details' will appear. It contains a list of all the cutovers with a start and end date/time.

In the example below, an export file has to be created for all the cutovers starting from 24/05/2005 until (and including) a certain date. Therefore, make sure to select the cutover number 161 to include the 24/05 report.

Cut	over de	tails					×
0	173	07/06/05	20:32	•••	08/06/05	20:23	
1	172	06/06/05	20:10		07/06/05	20:32	
2	171	04/06/05	20:06		06/06/05	20:10	
3	170	03/06/05	20:04	• •	04/06/05	20:06	
4	169	02/06/05	20:09		03/06/05	20:04	
5	168	01/06/05	20:05		02/06/05	20:09	
6	167	31/05/05	20:32		01/06/05	20:05	
7	166	30/05/05	20:30		31/05/05	20:32	
8	165	28/05/05	20:02		30/05/05	20:30	
9	164	27/05/05	21:17		28/05/05	20:02	
10	163	26/05/05	20:11		27/05/05	21:17	
11	162	25/05/05	20:03		26/05/05	20:11	
12	161	24/05/05	20:25		25/05/05	20:03	
13	160	23/05/05	20:05		24/05/05	20:25	
14	159	21/05/05	20:05	• •	23/05/05	20:05	
15	158	20/05/05	20:09		21/05/05	20:05	
16	157	19/05/05	20:33		20/05/05	20:09	
	150	10/05/05	20.00		10/05/05	20.22	
					<u>O</u> k	<u>C</u> ano	cel

In the field 'Include' (see example below), it is also mandatory to enter the amount of cutovers that are needed in the export file.



🚵 Schedule New	Action	×					
Basic settings Do action at	2017/11/14 15:37:15						
Station	1 MICRELEC TEST	•					
Туре	Export	-					
Action	95 Department export	-					
Advanced settir	igs						
Strategy	01 STANDARD EXPORT STRATEGY	-					
Frequency	00010000 every day	00010000 every day 💌					
Repeat until	2019/11/14 00:00:00						
Only between	· · · · ·						
Not on	□ mo □ tu □ we □ th □ fr 🔽 sa	🔽 su					
Report/Export	Switches						
From 12	? Detailed logging	Cancel					
Include 5	[Hold						
15		Ok					
Print report							
 Print report Dynamic Optior 	IS						
Print report Oynamic Optior	IS						
Print report Oynamic Option	IS						
Print report Oynamic Option	IS						
Print report Dynamic Option	JS						

The comment field in the 'Dynamic Options' section can be used to enter remarks for other users to read. For example, when a certain action needs to be put on hold, the user can enter a reason and his username in this field.

This is useful when different users are using the TMS to schedule actions.



4. 2. Quick button

H Add a Quick action to schedule	×
Station 1 MICRELEC TEST	•
Quick action 00 Export tank details	•
	<u>O</u> k <u>Cancel</u>

In the example above, the quick action "00 Export tank details" for station 1 will be added to the scheduler.

This quick action contains a call and an export. When it is added to the scheduler, there are 2 actions appearing in the list and being executed.

- The first action is a call: 'Req actual tank details' which requests the data.
- The second action is an export: 'Last tank readings, 15 tanks' which makes the export.

To add quick actions see 5.3.4 Quick.

2	List of Sch	eduled A	ctions											×
Sts	Action at		Site			Туре	Actio	on			Retry	Until		
X	2017/11/14	15:37:15		And the second second second second		Report	1/82	Tank Le	vels and de	liveries	0	2019/1	1/14	00:00:00
\mathbf{X}	2017/11/14	15:37:15				Service	4/80	Access	Site via LM	S	0	2017/1	1/14	15:37:15
	2017/11/15	10:35:25	0001	MICRELEC TEST		Call	0/61	Req. ac	tual tank del	ails	0	2017/1	1/15	10:35:25
	2017/11/15	10:35:40	0001	MICRELEC TEST		Export	2/96	Last tar	nk readings,	15 tanks	0	2017/1	1/15	10:35:40
K														>
	Hold	<u>D</u> elete		Reschedule	Run now	F	ilter		History	Rows: 4	E	Edit	C	Cancel
-		_		-									_	
H	old All	Deļ. All		Resched <u>u</u> le All	Run all <u>n</u> ow	Clea	ar Fillte	r	<u>Q</u> uick	<u>R</u> efresh		<u>\</u> dd		<u>0</u> k



4. 3. Filter button

m	Filter schedule	×
	Display actions which meet the following settings	
	□ do action at From : 2017/11/15 10:41:18	
	till: 2017/11/15 10:41:18	
	Current Group	
	Station : 1 MICRELEC TEST	
	Type: Call	
	Action: 00 Any Action	
	🗖 hold : 🗖	
	□ Retry: □	
	1	
	Clear Filter Apply Filter]

When many actions have already been scheduled, it can be useful to use the filter to search for certain actions. There are 4 types of criteria:

- Do action at: specify the date and time for the actions that you want to see.
- Station: specify a station. The application will filter all the actions for this station.
- Type: specify a type of action and the action itself. The application will filter all the actions for the selection.
- Hold: specify whether you want to see all the actions on hold or not. Tick the box that comes after 'Hold'.

First, tick the boxes of the criteria you wish to use. Then specify the filter as explained above. You can combine different filters.

The result of the filter is shown in the scheduler. The **[Filter]** buttons is now red. This is just an indication to show whether the filter is being used or not.

<u>H</u> old	<u>D</u> elete	Re <u>s</u> chedule	Run no <u>w</u>	<u>F</u>ilter	History	Rows: 4	<u>E</u> dit	<u>C</u> ancel
H <u>o</u> ld All	Deļ. All	Resched <u>u</u> le All	Run all <u>n</u> ow	Clear Fillter	<u>Q</u> uick	<u>R</u> efresh	Add	<u>0</u> k

When you have used the filter, the buttons **[Hold All]**, **[Del. All]** and **[Reschedule All]** are available. These buttons are similar to the ones above:

- [Hold All]: this button allows you to put all the actions on hold (or to reactivate them).
- [Del. All]: this button allows you to delete all the actions. Confirm by clicking the [OK] button.
- [Reschedule All]: this button allows you to reschedule all possible actions.



5. View menu

5.1. Report

	1	fele Mana	gement	Net						-		×
	File	Schedul	View	Edit	Define	Setup	Window	Help				
Report				6					Welco	ome Administ	rator	0
Export												
Logging												
EFT Site sta	tus info	b										
EFT export	history											
EFT Site Trn	x Batch	n History										
Tank Status												
Fuel price o	verviev	N										
Fuel Deliver	ries											

When you click the **[Report]** button in the View menu, you will be able to open a report file. Report files are located in the \spool directory from TMS.

pen Report File.	And the second			? ×
Zoeken in: 🛛 🔂	SPOOL	-	← 🖻 😋	* 💷 •
F6032332.5PL				
d6042332.5PL				
F6052332.5PL				
F6060053.SPL				
s6260053.SPL				
3 s6272332.5PL				
	6			
Bestands <u>n</u> aam:				Openen
Bestandstypen:	*.SPL		-	Annuleren

Each report file has a specific starting character. To make reports see 7.3.1. Reports.

After opening a report file, the content appears in the new window. Note that the printer icon is enabled now. You are now able to print this file.

tmsnet\SPOOL\F6060053.SPL					
3 FUEL & CAR PROD	1566.04	217.00	-16.25	1.00	
5 OTHER	87.49	7.00	0.00	0.00	
7 CONFECTIONERY	2281.60	2303.00	0.00	0.00	
8 DAIRY PRODUCTS	232.95	179.00	0.00	0.00	
9 DRY GROCERIES	103.35	89.00	0.00	0.00	
10 HOT DRINKS	478.40	598.00	0.00	0.00	
13 GENERAL GOODS	140.95	27.00	0.00	0.00	
14 ICE CREAM	304.30	197.00	-3.15	2.00	
16 LEISURE	195.25	27.00	0.00	0.00	
17 LUBRICANTS	987.90	91.00	0.00	0.00	
18 MAPS & MAGAZ	3908.89	2156.00	-0.90	1.00	
19 NON-ALC. DRINKS	3872.40	3059.00	-1.30	1.00	
21 PERSONAL PRODS.	26.10	5.00	0.00	0.00	
23 PUMPED FUEL	338.14	77.00	0.00	0.00	
24 SALTY SNACKS	277.10	258.00	0.00	0.00	
25 SANDWICHES	5362.05	1869.00	-9.20	3.00 📕	



5. 2. Export

	•	Tel	e Manag	ement	Net								-		×
	File	S	chedule	View	Edit	Define	Setup	Window	Help						
Report					5						We	lcome	Administ	rator	0
Export					F					 	 				
Logging															
EFT Site sta	tus inf	0													
EFT export	history	r													
EFT Site Trr	x Batcl	h⊦	listory												
Tank Status	;														
Fuel price of	vervie	w													
Fuel Delive	ries														

After clicking the **[Export]** button in the View menu, you will be able to open an export file. Export files are located in the \export directory from TMS.

Zoeken in: 🛛 🔂 EXPORT	🛨 🕂 🖻 (* 🎟 🕈
🖺 LV_CH_LG.2332	Z6_X0609_S1	x061
≝ITA_AN_LG.2332	■ Z7_ X0609_D1	SHD9
SC TRIG chort	M ZO_DHUDAL_I QO	
rq new SC trnx SC_TR_LG.0053 ZA_ ST0609_1	PC000017	
•		Þ
Bestands <u>n</u> aam:		<u>O</u> penen

Each export file has a specific starting character. To make export see 7.3.2. Exports. This is a preview of an export file. Note that the printer icon is enabled now. You are now able to print this file.

k Action						
	PORT\SHDSAL_1					
	5060725:0505070757:	0:0505060726:11:	0;	;12;	0:0UICK SHOP	: •
332; 137;05	05060725;0505070757;	0;0505060726;11;	1;	;12;	O;CANDY BARS	
332; 137;05	05060725;0505070757;	0;0505060726;11;	2;	;12;	O;CHEWING GUM	;
332; 137;05	05060725;0505070757;	0;0505060726;11;	3;	;12;	0;KEELPASTILL/ROL	;
332; 137;05	05060725;0505070757;	0;0505060726;11;	4;	;12;	0;CHOCOLADE	;
332; 137;05	05060725;0505070757;	0;0505060726;11;	5;	;12;	0;DIV.SNOEP/ZAKK	;
332; 137;05	05060725;0505070757;	0;0505060726;11;	6;	;12;	O;SEIZOENART. QS	;
332; 137;05	05060725;0505070757;	0;0505060726;21;	0;	;14;	0;OLIE EN VETTEN	;
332; 137;05	05060725;0505070757;	0;0505060726;21;	2;	;14;	0;SEMI-SYNTH. B/D	;
332; 137;05	05060725;0505070757;	0;0505060726;21;	6;	;14;	0;0VER.OLIE/VETT	;
332; 137;05	05060725;0505070757;	0;0505060726;23;	0;	;14;	O;CAR SHOP	;
332; 137;05	05060725;0505070757;	0;0505060726;23;	2;	;14;	O;ACCESSOIRE AUTO	;
332; 137;05	05060725;0505070757;	0;0505060726;23;	5;	;14;	0;SEIZOENART. CS	;
332; 137;05	05060725;0505070757;	0;0505060726;27;	0;	;14;	0;CAR-WASH	;
332; 137;05	05060725;0505070757;	0;0505060726;27;	2;	;14;	O; PROMOTION	;
332; 137;05	05060725;0505070757;	0;0505060726;29;	0;	;11;	O;LEKTUUR O%	; 💌
						• /
1:						



5. 3. Logging

		Tele Manag	ement l	Vet							-		×
	File	Schedule	View	Edit	Define	Setup	Window	Help					
Report				6						Welcome	Administr	ator	0
Export									 	 			
Logging													
EFT Site sta	atus inf	fo											
EFT export	histor	/											
EFT Site Tri	nx Bato	h History											
Tank Statu	s												
Fuel price of	overvie	w											
Fuel Delive	ries												

After clicking the **[Loggin]** button in the View menu, you will be able to open a log file. Log files are located in the log directory from TMS.

pen Log File				<u>?</u> ×
Zoeken in: 🔁	LOG	•	• 🖻 🖻	* •
E COM0609.LOG				
COM0610.LOG				
E COM0613.LOG				
COM0614.LOG				
COM0615.LOG				
COM0616.LOG				
Restandsnaam:				Openen
				oponon
Bestands <u>t</u> ypen:	COM?????		-	Annuleren

Each log file has a specific starting character.

This is a preview of an log file. Note that the printer icon is enabled now. You are now able to print this file.

Detr	wenet\		COM0513100	-							
112022	ance	EVO	12066 8-1	, For out 2 Gines	2222	<i></i>	~~		140 4		
113033	2766	EA0	12066 Seg.	Export >Site:	2332,	for	SC	period:	140<		
113933	2766	FYS	12066 Seg.	Export Site:	2332,	for	SC	neriod.	1504		
113933	2766	EX8	12066,Seq.	Export >Site:	2332.	for	SC	neriod:	151<		
113933	2766	EX8	12066,Seq.	Export >Site:	2332.	for	SC	neriod:	152<		
113933	2766	EX8	12066.Seg.	Export >Site:	2332.	for	SC	period:	153<		
113933	2766	EX8	12066.Seg.	Export >Site:	2332.	for	SC	period:	154<		
113933	2766	EX8	12066,Seg.	Export >Site:	2332.	for	SC	period:	155<		
113933	2766	EX8	12066, Seq.	Export >Site:	2332,	for	SC	period:	156<		
113933	2766	EX8	12066, Seq.	Export >Site:	2332,	for	SC	period:	157<		
113933	2766	EX8	12066,Seq.	Export >Site:	2332,	for	SC	period:	158<		
113933	2766	EX8	12066,Seq.	Export >Site:	2332,	for	SC	period:	159<		
113933	2766	EX8	12066,Seq.	Export >Site:	2332,	for	SC	period:	160<		
113933	2766	EX8	12066,Seq.	Export >Site:	2332,	for	SC	period:	161<		
113933	2766	EX8	12066,Seq.	Export >Site:	2332,	for	SC	period:	162<		
113933	2766	EX8	12066,Seq.	Export >Site:	2332,	for	SC	period:	163<	-	
4											



5. 4. Tank status

	•	Tele Ma	inage	ement l	Vet							-		×
	File	Schee	lule	View	Edit	Define	Setup	Window	Help					
Report					6						Welcom	e Adminis	strator	0
Export					F									
Logging														
EFT Site sta	tus inf	o												
EFT export	history													
EFT Site Trr	nx Batc	h Histo	ry											
Tank Status	;													
Fuel price of	overvie	w												
Fuel Delive	ries													

After clicking the **[Tank status]** button in the View menu, a system warning will appear when you have not selected a station first. Select a station following the steps described in 3.1. Station selection.

System warning	×
No station selected. You must first select station or a group.	
ОК]

After selecting a station, the station number and name are displayed in the icon bar.

After clicking the **[Tank status]** button, a pop-up window will appear showing all info on the tanks present on site. See example below.

m	Tank Status overvie	EW									\times
Site Nr	Site Name	Tanl	k Product	Date Time	LGS Status	Capacity (I)	Product (I)	Product (mm)	Water (mm)	Water (I)	Т
	CONTRACTOR CONTRACTOR	1	Euro Super	14/01/2014 18:16	No Info	20845	0.0	0.0	0.0	0.0	
10	CODER BOOM	2	Super +	14/01/2014 18:16	No Info	10074	0.0	0.0	0.0	0.0	
10	contra sociari	3	Diesel	14/01/2014 18:16	No Info	10074	0.0	0.0	0.0	0.0	
1	dobber toooni	4	Diesel	14/01/2014 18:16	No Info	20964	0.0	0.0	0.0	0.0	
5											
-Stat	us At Period End 🦷 🤅	Actual						+ +	C	Close	1

If this screen is empty, you should start a call action to retrieve data from the station.



5. 5. Fuel price overview

Γ	M 1	lele Manag	ement l	Vet							-		×
	File	Schedule	View	Edit	Define	Setup	Window	Help					
Report				6						Welcom	e Admini	strator	0
Export									 	 			
Logging													
EFT Site statu	us info	5											
EFT export hi	istory												
EFT Site Trnx	Batch	n History											
Tank Status													
Fuel price ov	erviev	N											
Fuel Deliverie	es												

First, select a station or a group.

After clicking the **[Fuel price overview]** button in the View menu, a pop-up window will appear showing the fuel price overview (last received prices). See example below.

Explanation of the buttons:

- Last received: this button allows you to see the last received fuel prices overview.
 When the field 'Historical prices received at the latest on' is completed, the last received fuel prices overview starting from this date/time are shown.
- To send: this button allows you to see the last 'To send' fuel prices overview.
- Last sent: this button allows you to see the last 'Last send' fuel prices overview.

Fuel Price Overview - I	Last received prices.						- 🗆 ×
Site Nr Name	Change At	Date prices sent	Diesel	Euro Super	Super +	List Price ID	T
1000005/3000010	L	2014/01/14 18:16	1.291	1.466	1.507		Less Deschool
-		2014/01/09 13:21	1.308	1.466	1.507		Last <u>R</u> eceived
							Historical Prices received At the latest on:
							To <u>S</u> end
							Last sent
							1
							<u>D</u> k



6. Edit menu

6. 1. Terminal/Dispenser management

This function allows you to enable/disable terminals (OPT, Attended, Console, Test) and dispensers even at nozzle level. This can be useful when a dispenser is broken or a hose needs to be replaced. The SC configuration needs to be available in order to make changes on site.

		0	Fele Manage	ement N	Vet								-		×
		File	Schedule	View	Edit	Define	Setup	Window	Help						
	Terminal/Di	spense	r Managem	ent		1					We	come A	dminist	rator	
	Commercia	l Profil	es							 	 				
	Fuel prices Pre-init wet	fuel p	rices												
_	Site parame	ters													

After the clicking the **[Teminal/Dispenser Management]** button in the Edit menu, the windows below pop up. If you had not selected a station before, you can select one in the new window using the drop-down list below 'Select station'.

The button **[Last Req./Send]** allows you to switch between the last send and the last requested information. The text at the top of the window specifies if the information shown is the requested information or the send information. The button **[Undo]** allows you to undo all the changes since the last save.

The button [Cancel] allows you to close this window.

When making changes, confirm the modification with the button [Ok].

Dispenser / Nozzle / Terminal Management	\times
Select Station	Last Req./Send
	Undo
	<u>C</u> ancel
T Dispenser / Nozzle / Terminal Management	





To enable/disable a terminal or dispenser, select the correct line. Then right click to enable or disable, like in the example below.

Dispenser / Nozzle / Terminal Management	×
Settings requested 2014/01/14 18:16:00	Last Req./Send
Dispensers Terminals J OP Attended A	Undo
	<u>C</u> ancel
	<u>O</u> k

When a terminal/dispenser is disabled, it will be preceded by an X.

In the example below, 'Terminals' are also marked with an X on a grey background. This means that a sub item is disabled.



It is possible to disable an entire dispenser or terminal, as shown below (3 multi pro is disabled). Make sure to select the main item, instead of a sub item.

Dispenser / Nozzle / Terminal Management	×
Settings requested 2014/01/14 18:16:00	Last Req./Send
Dispensers Variable of the series Variable of the series	Undo
	Cancel
	<u>k</u>



When all nozzles from a dispenser are disabled, an X (without a grey background) appears next to that dispenser. All the nozzles have to be enabled again one by one in order the enable the entire dispenser.

Dispenser / Nozzle / Terminal Management	×
Settings requested 2014/01/14 18:16:00	Last Req./Send
42 DEB0042 ROODSTOP	
Dispensers 1 multi pro 2 multi pro 2 multi pro X 3 multi pro X 5 Super+ X 6 Diesel 4 multi pro Terminals ✓ 1 OPT ✓ 3 Attended ✓ 6 Console ✓ 8 Test	Undo
	<u>C</u> ancel
	<u>O</u> k

Click the **[OK]** button to confirm the modifications. TMS will ask if the changes should be saved in the database. When you click **[Yes]**, the changes will be saved in the database but they will not be send to the station. You can use a call action – Send act/blck dispen,terminal to send the information to the station. You can also check the checkbox 'Schedule a call?' to schedule a call action on hold.

Save Changes!!	×
Save changes into the TMS database?	
🔲 Schedule a call?	
Yes No	

WARNING: Dispensers or terminals blocked by TMS can only be unblocked by TMS!



6. 2. Commercial profiles

Commercial profiles are an easy way to activate a variety of prices on sites depending on certain formulas based on a set of official prices.

	•	Tele Manage	ement N	let					 	 			-		×
	File	Schedule	View	Edit	Define	Setup	Window	Help							
Terminal/D	ispense	er Managem	ient		0042 DE	B0042 R0	DODSTOP				w	elcome	Administ	rator	0
Commercia	al Profil	es													
Fuel prices Pre-init wet	t fuel p	rices													
 Site parame	eters														

After clicking **[Commercial profiles]** in the Edit menu we see the window as below.

- **[New]**: this button allows you to add a new commercial profile.
- [Delete]: this button allows you to delete the selected profile.
- [Linked sites]: this button allows you to show the sites linked to this profile.
- [Cancel]: this button allows you to cancel the change you made or to leave the window.
- **[Save]**: this button allows you to save a new or existing profile.
- **[Close]**: this button allows you to close the commercial profiles window.

See also 8.1. Formulas.

m Statio	n Commercial Profile					×
Profile ID	Profile Name		<u>.</u>	Date/Ti] 11/02	me last ch 2/2011 10	anges 6:00
Prod.Id	Product description	For.Nr.	Formula description	_		
1	Super	0	None			w
3	Diesel	1	test 0.1 add	_		
4	LPG	0	None			
5	Euro Super	0	None		× Del	ete
8	Super +	0	None	_		
9	Diesel car	0	None			
10	Diesel truck	0	None			a
11	Ad Blue	0	None	_	Linkea s	ite's
12	Motor oil (dies.)	0	None			
					Cance	el
						ive
	Product Fo 3 Diesel 1 test	rmula for 0.1 add		ł	0 Clo	ose



6.2.1. Save button

When you want to create a new commercial profile, you will need to enter a profile ID (this is a number) and a profile name. Then, you can select which formula you want to use for the different products: select the product and select a formula from the drop-down list at the bottom of the window. To make formulas see 8.1. Formulas.

n Statio	n Commercial Profile					×
Profile ID	Profile Name			Date	/Time last c	hanges
3	Test 1			• 05	/10/2010	13:05
Prod.Id	Product description	For.Nr.	Formula description			
1	Super				⊕ <u>N</u>	ew
3	Diesel					
4	LPG					
5	Euro Super				De	lete
8	Super +			_		
9	Diesel car			_		
10	Diesel truck			_	Linked	oitolo
11	Ad Blue			_	Linkeu	site s
12	Motor oil (dies.)					
					Can	cel
					-	
						ave
,	Product	Formula for	product			
	1 Super 01	Vone		1		lose

When you fail to enter a profile ID, the following error message will appear.



After entering all the correct info, click the **[Save]** button to save the commercial profile.

TMS GUI Manual v2



6. 2. 2. Linked sites button

When selecting a commercial profile, you can click the **[Linked sites]** button. A new window pops up with a list of all the stations linked to this profile.

To add a commercial profile to a station see 7.1. Station.



6. 3. Fuel prices

This function is used to send fuel prices to a site. When <u>only 1 station</u> has been selected, the fuel prices as entered will be adjusted. When <u>a group of stations</u> has been selected, the fuel prices will be send taking into account the commercial profiles each station is linked to.

	•	Tele Manage	ement N	let								_		×
	File	Schedule	View	Edit	Define	Setup	Window	Help						
Terminal/Di	spense	er Managem	nent		1					We	lcome /	Administ	rator	0
Commercia	l Profil	es												
Fuel prices														
Pre-init wet	fuel p	rices												
Site parame	ters													

First, select a station or a group.

After clicking [Fuel prices] in the menu Edit, the window below pops up.

This window shows the last requested fuel prices, the last sent fuel prices, and the date and time when they were last requested.

	Wet Product Prices -	100051-0005	0.110		×
ID	Product name	Last requested	Last sent	New prices	Last request was
3	Diesel	1.391		1.391	2014/01/14 18:18:12
5	Euro Super	1.545		1.545	
8	Super+	1.616		1.616	
					<u>k</u>
Г	Schedule call				

When the prices for a certain station need to be changed, you can enter the new prices in the last column. Confirm with **[Ok]**. TMS asks if the changes need to be saved in the database. When clicking **[Yes]**, the prices are saved in the database but they are not updated at the station. A call action – Send wet prices needs to be scheduled to send the new prices stored in the database to the specified station.



It is also possible to send the prices to the station immediately with checking the checkbox 'Schedule call' at the button of the window as shown in the example above.

When this box is checked, call on hold has been added to the scheduler. To activate this call, select the correct action and click the button **[Hold]**. The prices will be sent to the station selected in the previous steps. The call is first put on hold because it will modify prices at the station. This setting allows you to check the action before activating it, so as to avoid errors.



6. 4. Pre-init wet fuel prices

This function is used to adjust pre-initialised fuel prices. These are fuel prices that have been programmed to change on a given time. When <u>only 1 station</u> has been selected, the fuel prices as entered will be adjusted. When <u>a</u> <u>group of stations</u> has been selected, the fuel prices will be send taking into account the commercial profiles each station is linked to.

	-	М т	ele Manage	ement N	Vet								-		×
		File	Schedule	View	Edit	Define	Setup	Window	Help						
Terminal/	Disp	ense	r Managem	ent							Weld	come Ac	lministr	ator	0
Commerc	ial P	rofile	es												
Fuel price	s														
Pre-init w	et fu	iel pr	ices												
Site param	nete	rs													

You can send pre-initialised fuel prices by clicking **[Pre-init wet fuel prices]** in the Edit menu. The layout of the window is similar to the Fuel prices window in 6.3 Fuel prices. The only difference here is that you will have to specify the date and time on which the prices need to be adjusted in the 'Change at' field.

	Wet Product Prices -	100071-0010	10110			×
ID	Product name	Last requested	Last sent	New prices	Last request was	
3	Diesel			0.000	77 ::	
5	Euro Super			0.000	Change at	
8	Super+			0.000		_
					<u>k</u>	
Γ	Schedule call					

When you do not complete the 'Change at' field, the following error will be appear.



After entering everything correctly, confirm by clicking **[OK]**. TMS will then ask if the data needs to be saved in the database. When clicking **[Yes]**, the prices are saved in the database but they are not updated at the station. A call action – Send wet pre-init prices needs to be scheduled to send the new prices stored in the database to the specified station.

When checking the checkbox 'Schedule call', as shown on the screenshot above, the pre init fuel prices will be send immediately.



When this box is checked, call on hold has been added to the scheduler. To activate this call, select the correct action and click the button **[Hold]**. The prices will be sent to the station selected in the previous steps.

The call is first put on hold because it will modify prices at the station. This setting allows you to check the action before activating it, so as to avoid errors.

There is a possibility to change this parameter so the call will not be put on hold first. To change this setting see 7.4 Parameters.


6. 5. Site parameters

This function is used to configure dynamical parameters for the site. For more information about these parameters consult Reconciliation.doc.

	🐠 Tele	Managen	ment N	let									-	-		×	<
	File Sc	hedule	View	Edit	Define	Setup	Window	Help									
Terminal/I	Dispenser M	anageme	ent								N N	Velcome	e Admii	nistra	ator	0	
Commerc	ial Profiles																
Fuel prices	s																
Pre-init w	et fuel prices	5															
Site param	neters																

When clicking the **[Site parameters]** button in the Edit menu, the window below will appear. The button **[Last req. /send]** allows you to switch between the last requested and last send parameters.

m	Edit site parameters of station 51			×
1	QP_N	not	supported	^
2	QP_HEIGHT_MAX_POS	not	supported	
3	QP_HEIGHT_MAX_NEG	not	supported	
4	QP_TIME_MAX	not	supported	
5	QP_RATE_MAX_POS	not	supported	
6	QP_RATE_MAX_NEG	not	supported	
7	QP CUM TIME MAX	not	supported	
8	QP CUM RATE MAX	not	supported	
9	AP VOLUME MAX POS	not	supported	
10	AP_VOLUME_MAX_NEG	not	supported	
11	AP TIME MAX	not	supported	
12	AP RATE MAX POS	not	supported	
13	AP RATE MAX NEG	not	supported	
14	TEMP	not	supported	
15	TEMP_FACT tank 1	not	supported	
16	TEMP FACT tank 2	not	supported	
17	TEMP FACT tank 3	not	supported	
18	TEMP FACT tank 4	not	supported	
19	TEMP FACT tank 5	not	supported	×
Def	ault		Last req. / send	
Val	ue		<u>O</u> k	el)



7. Define menu

7.1. Station

Here, you will be able to manage defined stations and to add new ones. It is also possible to link a commercial profile to a station.

Ӎ Tele Man	agement	Net					- 0	×
File Schedu	le View	Edit	Define	Setup	Window	Help		
177 🐟	St	tion					Welcome Administrator	0
	Gr	oups						
	Ad	tions	>	J				

After clicking **[Station...]** in the Define menu, the window below will pop up. The window contains a list of all the defined stations and some of their information.

- **[Edit]**: this button allows you to edit an existing station.
- [Add]: this button allows you to add stations to the list. See also 7.1.1. Add button.
- **[Delete]**: this button allows you to delete a selected station. See also 7.1.2. Delete button.
- [Reinitialise]: this button allows you to reset all site history and data.
- **[Quick Action]**: this button allows you to launch an action for a selected station.
- [Action History]: this button allows you to consult the action history of the selected station.
- [Find Site Nr]: this function allows you find a station. Enter a value in this field and press [ENTER] or click the binoculars button. The station you were looking for is selected.
- [Filter]: this button allows you to display stations which meet specific settings. See also 7.1.3. Filter button.
- **[Add Group]**: this button allows you to create groups. Move the stations belonging to the new group using the arrows. Enter a name in the field at the top of the screen. Click **[Save]**.
- **[Close]**: this button allows you to close this window.

Site Nr	Site ID	Site Nar	me	PSTN / ISDN / VPN	IP Address	Net ID	Sched.	Company	^	-	-
0001		MICRELE	EC TEST		10.240.66.11	0	0	and an interest of the		-	
0004	TARGOOM.	(http://www.cocy.org	HASSELT	the subscription	THE R. L. CO.	0	0	Trees internation			
0031	110000011	1100000	CHATELINEAU	Print Art - Dr	100000-0-00	0	0	Constantine State			
0032	1100000	(1989)003	CHATELINEAU	2	100010-0-00	0	0	TANK - WAT'S - BAS		T 404	
0034	CONTRACTOR OF STREET,	(mapping) in	COUILLET	Part and a benefit		0	0	Colore - State - State		Edit	
0036	A STREET, ON YORK	119894013	EDINGEN	And a latter a paint of	100000-014	0	0	Construction of the		Add	
0042	-1-100	10.050.00	ROODSTOP	ton an area	PROFESSION OF THE	0	0	The Browners		Maa	_
0044	CARD-CO.M.	111010-010	TAMINES	Service and the service of the servi		0	0	TANK COMPTY CARE		Delete	
0051	-11.850-01-	1-0503040404	ROODSTOP	Contraction data in the		0	0	A D. BARRING		Delete	_
0057	- ST STOCKE	1.0000000	Soignies		station and	\$ 0	0	P.D. Browners			
0066	1100000	11/2000/00	HECHTEL EKSEL	CHARGE REPORTED IN	CONTRACTOR OF	0	0	Courses and the second		Reinitialis	se
0067	1100000	1100000	PONDROME	A REAL PROPERTY.	100078-0 100	0	0				_
0074	CONTRACTOR OF THE		BAISY THY	particular de Alternativa - pro-	100010-010	0	0	Colors - Marrie - Mar-		Quick Acti	on
0083	A Special and a second	(http://www.	KAIN	Participant and a state		0	0	Constant and the other			_
0094	11000000	11/2010/00	PALISEUL	Hits Service and		0	0	Contract State of Contract		Action Hist	tor
0100	114001-140	110000100	MOUSCRON	E-DORES - D- III	100078-2108	0	0	TANK CONTRACTOR			
0110	110000-1100	111000-111	ZAFFELARE	town to print out		0	0	Colorado a Marina - Adam			
0116	And the second s	110000110	SINT LENAARTS (BRECH	(and a log of the second s		1	0	ALCORD ST. ST. ST.			
0121	110000-011	1110000101	STABROEK		pagestaria desadare e	<u>c</u> 0	0	COMPANY OF THE OWNER.			
0122	A ADDRESS OF THE OWNER.	11000000000	DESTELBERGEN	parteries another of	March 19	0	0				
0135	and the second second		FOREST	Co Balleton Brit	100010-0110	0	0	Talana - Marine - Marine			
0141	A Special Acade	110000100	CORBION		pagerings appendix of	<u>c</u> 0	0	Constant State of State	1.	(m)	
0143	I		HOUSODON	·		0	0			Conf	im



7. 1. 1. Add button

The Basic tab:

Add new station			>
Basic Address TCP	/IP		
Site Nr. Name		Site ID	Site Type Micros
Password: 00000 PSTN/ISDN nr.: 0 Node number: 0	0000	Micros Prefix Micros Number	
Company	00		•
Scheduler Id	All Schedulers		•
Communication Media	Net 0		-
Commercial Profile	None		*
CMS SiteGroup	None		•
		Save	O Close

Here, you will find all the basic data needed for a station to be added:

- Site Nr.: number of the site
- Name: name of the site
- Site ID: ID given to the site.
- Site type: there are 3 types of sites.
 - Micros
 - Tokheim
 - Dummy: not in use
- Password: not used. The value will always be '00000000'.
- PSTN/ISDN nr.: modem number from the station.
- Node number: used when more devices are connected on 1 modem line.
- Company: the station's company name.
- Scheduler Id: used when working with different schedulers.
- Communication Media: Micrelec defines what Net 0 and Net 1 means.
- Commercial Profile: used to link a station to a commercial profile. (see 6.2. Commercial profiles)
- CMS SiteGroup: to add this station to a site group. You can select a Site Group when using the CMS software.

Click [Save] to finish the creation of the site. Click [Close] to close the window.



The Address tab:

🔒 Add new static	n	×
Basic Address	s TCP/IP	
Account Name	J	1
Station Name		
Street / Road		
City		
Post code		
Country		
Language	Dutch	<u>U</u> se defaults
Phone Number		
Fax number		
Station Type		
	Save	

This is general information about the station.

The TCP/IP tab:

Add new station	×
Basic Address TCP/IP	
Site Controller Host (name or IP)	RAS Credentials (optional) Login Password
Proxy Server (optional)	
VPN (optional) Address	FTP (name or IP)
Password	Password
	🖳 Save

Here, you will find the following fields:

- Login: login to connect onto the system.
- Password: password to connect onto the system.
- Domain: domain URL
- FTP Server: server address if used
- IP address: IP address when using TCP/IP communication.
- Login: login to connect to the FTP or VPN
- Password: password to connect to the FTP or VPN
- IP Address Proxy server: server IP address if used

TMS GUI Manual v2

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7.1.2. Delete button

This button allows you to delete a selected station.

Select the station(s) you want to delete and click the **[Delete]** button. The marked stations will have a red X at the beginning of the line. You can mark several stations for deletion at once. After you are done selecting stations to be deleted, confirm the selection with the **[Confirm]** button.

TMS will count the stations marked to be deleted and will ask whether to launch the operation or not.

I	I an un	1					1		-	_		
Site Nr	Site ID	Site Name		PSTN/ISDN/VPN	IP Ad	dress	Net ID	Sched.	Company	^	10	-
0001	Second -	BRANK BUT IN		-			0	0	- Destroyer and the		1.0.00	-
0004	and the second s	TANK TANKS		1111 1100 (HOR)			0	0	COMPANY OF THE OWNER.	-	2.0	-
0031		PARTICIPATION AND AND AND AND AND AND AND AND AND AN	COMPANY OF COMPANY	the set of the			0	0	1 COLUMN 1 COLUMN 1 COLUMN 1	-		
0032		Papersking of the state of	1.0000.000	10 10 10 10		5.00	0	0	Contract States of Cases	-	Edit	
0034	and the second second	Representation of the second second		No. of Address			0	0	A ROOM & REAL PROPERTY OF REAL			_
0036	CONTRACTOR .	CARDINA - Dr D Barg-	1.1	12-34-34-34-14	1996.0		0	0	COMPANY OF THE OWNER.	-	Add	
0042	-2-240-241	Additional theory	ST L NOP	Material Stream			0	0	A. Sharester			
0044	and the second second	All and the second second	Confirmation		X		0	0	PERSONAL PROPERTY AND		Delete	
0051	-1-20091	- D. R. Martin and St Control of					0	0	The Records			_
0057	- Bartister	- It desires - respect				Service against	0	0	- p. Recenter			
0066		**************************************	Stations marked	to be Deleted : 2			0	0	1.000.000.000		Reinitiali	se
0067	1100001	a speciel data a second	Launch request	ed operations ?		10 m	0	0	10000-00010-000			
0074	COMPANY OF AN	Contract of the state of	counterrequest				0	0	Contract States of States		Quick Acti	on
0083	CONTRACTOR ST	CONTRACTOR - DOMESTIC					0	0	CONTRACTOR - MARTIN			
0094		Contraction of the local sectors of the local secto			1		0	0			Action His	tory
0100	CARDING STOR	and the second s	Ja	Nee		2 - m	0	0	TRACK AND TRACK			
0110	ALC: NO DESCRIPTION OF THE OWNER.	Charles of the contract of	Luxe				0	0	Transaction (Marries - Marris			
0116	110000-100	syphies the energy	- MARRIEL STREET	f			1	0	44-101-10-00			
0121	Constant and		1.000		and the second	i interest a	0	0	14000-007-1200			
0122	in a particular sector	respected to be a sign or with	- BORNESSER	analis est aproximation of	-		0	0	TANKS AND TANKS			
0135	COMPANY OF A	Construction in the owner with the owner.		and the state of t	-		0	0	Passa - Marin - She			
0141	111000-001	interest and a contract	1.04		and the second second	of grades as	; 0	0	Course of the other of the other of the other of the other o			_
10113				Tana and			0	0			Cont	ârm
Find: S	lite Nr											
		44	V Filter		Add C	roup					Clo	SP

NOTE: All data about a station will be lost when it is deleted.

7. 1. 3. Reinitialise button

This button allows you to reset all site history and data.

Select the station(s) you want to reset and click the **[Reinitialise]** button. The selected stations will have a red marking at the beginning of the line. You can mark several stations for reinitialization at once. After you are done selecting stations, confirm the selection with the **[Confirm]** button.

TMS will count the stations marked to be deleted and will ask whether to launch the operation or not.

Site Nr Site ID	Site Name	PSTN / ISDN / VPN	IP Address	Net ID	Sched	Company ^	and the second
0001	Manager and Party of Street, or other		A	0	0		
0004	Watermoot or proceeding of	101200000	Address of the	0	0	tions of the second	and the second
0031	Supposed 1 a general particular	10 1 m - 2 - 1 m	Manual Villa	0	0	(construction of the	-
0032	COMPANY AND A DESCRIPTION.	10-10-10-10-10-	*****	0	0	And A DESCRIPTION OF A	1000
0034	COMPANY OF CAMERAN	101221000		0	0	trans (and () and (Fou
0036		112.12.6 190.01		0	0		
0042	Confirmation	×	Contract of the	0	0	No. of Street,	- Add
0044	(Landreich de)			0	0	tions (ment reso)	Doleto
0051	and a second state	D. D. S. Martin J.		0	0	No. of Street,	Floresc
0057	Stations marked to t	be Keinitialised 1 - 5	in a second second second	10	0	rd o Bryantini	
0066	Launch requested o	operations ?	States and States	0	0	the second second	Recall
0067	and the second s	Constant and the second	1000 C	0	0)	
0074			ALC: NOT THE OWNER	0	0		Quick Action
0083	in the second se	Nee		0	0	And a second second	The second second
0094	10000000 Ja	IVEC		0	0		Action Histor
0100	IN TOWNER IN THE	(manufacture)	Statute B.	0	0	(and a second se	
0110	Printer of a contract of the	and a lot of a second		0	0	And American	
0116	President and the second statements of the second	1		1	0	Married and a little	
0121	I CONTRACTOR CONTRACTOR		And I I American	0	0	the second second second	
0122	I this is a down its opening as		Manager 4	0	0		
0135	Contract of the Contract of	10.00000.000	Manual I.	0	0	The state of the s	
0141	Contract () Construction ((and the spectrum)	_ 0	0		
A442	Transmission a sum in service and	100000000		0	0	received and the	Confirm



7.1.4. Filter button

This button allows you to find stations.

There a several criteria:

- Company: the station's company name.
- Group of stations: the group a station belongs to.
- Site Nr. from to: the range of site numbers you want to have displayed.
- Scheduler Id: used when working with different schedulers.
- Commercial profile: the profile a stations belongs to.
- Part of IP Address: a part of the IP address of the station.
- Part of PSTN/ISDN: a part of the modem number of the station.
- Part of VPN address: a part of the VPN address of the station.
- Site Type: type of site
 - Micros
 - Tokheim
 - Dummy: not used

Click **[Apply Filter]** to launch the search filter. Click **[Clear Filter]** to clear all fields. Click **[Cancel]** to cancel the search filter.

n	Stations Filter		-		×
	Display stations	which meet the following	settings		
	Company	00 SHELL Belgium			Ŧ
	🗖 Group of Stations	Select Group			Ŧ
	🔲 Site Nr. from - to	From: 0	то:	0	
	🗖 Scheduler Id	All Schedulers			Ŧ
	🗆 Commercial Profile	None			~
	Communication Med	dia Net0			-
	Part of IP Address				
	Part of PSTN/ISDN				
	Part of VPN address	s .			
	🗖 Site Type	Micros			~
	Cancel	Clear Filter	Арр	ly Filte	er



7. 2. Groups

This function is used to create groups. Several stations can be added to a certain group. This is useful when the same action has to be executed for several stations.

•	Tele Manage	ement N	et					_		×
File	Schedule	View	Edit	Define	Setup	Window	Help			
1	a	Stati	on		1			Welcome Administra	ator	0
·		Grou	ıps							
	_	Actio	ons	>]					

After clicking **[Groups...]** in the Define menu, the screen below pops up. The window contains a list of all the existing groups.

- **[Edit]**: this button allows you to edit a group. This includes removing stations from the group, adding stations to the group and changing the group's name.
- **[Add]**: this button allows you to add a new group.
- [Delete]: this button allows you to delete a group. Note: this will not the stations in the group.
- **[Combine]**: this buttons allows you to combine groups.

M Group definition	×							
Known groups	Known groups							
0001 West-Vlaanderen 0002 Oost-Vlaanderen 0003 Vlaams-Brabant	▲ Edit							
	Delete							
	Combine							
	[Cancel]							
	~ <u>k</u>							



7.2.1. Add button

When adding a group, you need to specify the group name and the stations that need to be added to this group. Multiple stations can be selected using the CTRL button on your keyboard. By clicking the arrow button (\rightarrow) stations are added to the group. When the user selects stations under the group and clicks the arrow button (\leftarrow) the user is removing stations from the group.

m Add group definition						×
Available [754]		Group number:	1011		Group [1]	
0004	^	Group name				
0031		0001 MICRELE	C TEST			
0032		UUUT MICKELE	CIESI			
0034						
0036						
0042						
0044						
0051						
0057						
0066						
0067						
0074						
0083						
0094						
0100						
0110						
0116						
0121						
0122						
0135						
0141						
0143		<u> </u>				
0148		2000				
0177 Telefor / Meansains		L				
0179				0		
0184	¥ .	-		<u>S</u> ave	<u>U</u> a	ncei

7. 2. 2. Delete button

It is possible to delete multiple groups at once (the stations in the group will not be removed). To delete, you can click group(s) one by one and click **[Delete]** every time. The groups selected for deletion have a * in front of them.

After clicking the **[OK]** button the groups with a * in front of them are removed.

7.2.3. Edit button

This button allows you to edit existing groups.

Moreover, with this button you can also copy existing groups. Open an existing group, enter a new group number and save. The existing group will be copied and saved with a new group number.



7.3. Actions

7. 3. 1. Reports

There are a few predefined reports. However, it is also possible to customise reports.

	🐠 т	ele Manag	gement N	Vet								-			×
	File	Schedule	. View	Edit	Define	Setup	Window	Help							
	16	-	Stat	tion						w	elcome	Adminis	strato	n –	0
			Gro	ups											
Reports			Act	ions	>										
Exports		l l				, 									
System serv	ices														
Quick															
Call															

After clicking **[Actions] / [Reports]** in the Define menu, the window below pops up. You will see a list of all existing reports.

- **[Edit]**: this button allows you to adjust an existing report.
- [Add]: this button allows you to create a new report.
- [Delete]: this button allows you to delete the selected report(s).
- Group: this drop-down list allows you to filter the reports based on Groups.
- **[Cancel]**: this buttons allows you to close this window.

IN	r Action Description	Group	Script Details	Static Options	1
8	4 MOP index and terminal sales		A0A3AEAJAKA8A9		_
8	5 MOP index		AJAK		
8	5 test		A5AM		
8	7 Report call anomalities		AN		
8	B EFT status poll		AL		
8	9 Complete Texaco		A0A1A2A3ACAEAGA4A5A7A8A9		
9	0 Config+gauges		A0AFA4		
9	1 cross check		A0A3AIA8AJ		
9	2 header, MOP		A0A8A9AJAKAGA3ACAE		
9	3 Test actual level details		A0A4ABAMAF		
9	4 Action summary		AD		
9	5 Complete period report WDM		A0AFA2AGA3ACAEA4A5A7AHA8A9AJAK		
9	6 Complete period report WADM		A0A1AFA2AGA3ACAEA7AHA8A9AJAKA6ABA4A5AM		
9	7 Period nozzle sales		A0A2A1		
9	8 Period gauge levels		A0A1A4		
9	9 Wet period cutover		A0A1A2A3A4ACA5AEAG		
					· ·
					>



7.3.1.1) Add button

After clicking the [Add] button, you will see a list of components to be included in the new report.

vaili	able Components	_	Name			d
AO	Header	^				
A1	Software version					
A 2	Dispenser/nozzle sales, indexes					
A3	Terminal sales					
A4	Gauge details					
A5	Fuel delivery details					
A6	Article sales					
A7	Department sales					
A 8	Mode of payment sales					
A9	Mode of paym.(shift-operator)					
AB	Actual level details					
AC	Terminal/product sales					
AD	Scheduler action summary					
AE	Terminal/MOP sales					
AF	Configuration					
AG	Product sales					
AH	Department/sub-depart. sales					
AI	Cross check sales					
АJ	MOP index sales					
AK	MOP index sales (pos)					
AL	Last EFT status poll		*		(Car	~~]
AM	Last fuel delivery details				<u> </u>	
AN	Call anomalies		-		0	ĸ
AO A	Diagnosis last transactions	~	-	Static Options		~

To create a report, you can move the blocks that are relevant to the new report using the arrow (\rightarrow) button. Then, enter a name for the report. You will also need to specify the Id (top right corner of the window). This character is the first character for the file name of the report.

/ail	able Components	Nar	ne	ld
A1	Software version	Test	Report	
A2	Dispenser/nozzle sales,indexes			
AЗ	Terminal sales	A0	Header	
A4	Gauge details	A6	Article sales	
A5	Fuel delivery details	AE	Terminal/MOP sales	
A7	Department sales			
A 8	Mode of payment sales			
A9	Mode of paym.(shift-operator)			
AB	Actual level details			
AC	Terminal/product sales			
AD	Scheduler action summary			
AF	Configuration			
AG	Product sales			
AH	Department/sub-depart. sales			
AI	Cross check sales			
AJ	MOP index sales			
AK	MOP index sales (pos)			
AL	Last EFT status poll			
ΜA	Last fuel delivery details			
AN	Call anomalies			
AO	Diagnosis last transactions	-		Canaal
AP	Monthly EFT Details	_	_	
	SC RE-id operator sales	20000	1	ov
AQ	bo ha ia operator bareb		1	

Click **[OK]** to save the new report. You can now schedule this report to be executed. See also 4. Schedule menu.

n R	eport Configuration				×
Nr	Action Description	Group	Script Details	Static Options	~
74	Test Report		A0A6AE		
					_

For more information about the reporting components, see Appendix A.

NOTE: by entering certain commands in the 'Static Options' field, one can be able to change an action's behaviour. This is an advanced feature and will not be used.



7. 3. 2. Exports

There are a few predefined exports. However, it is also possible to customise own exports. Exports are used to transfer data into a third party application (like a bookkeeping program).

	🐠 Tele	Manage	ment N	let							-		
	File Scl	hedule	View	Edit	Define	Setup	Window	Help					
			Stat	ion						Welcome A	dministr	ator	l
			Gro	ups									
Reports			Act	ions	>								
Exports						,							
System servi	ices												
Quick													
Call													

After clicking **[Actions] / [Exports]** in the Define menu, the window below pops up. You will see a list of all existing exports.

- [Edit]: this button allows you to adjust an existing export.
- [Add]: this button allows you to create a new export.
- [Delete]: this button allows you to delete the selected export(s).
- Group: this drop-down list allows you to filter the exports based on Groups.
- [Cancel]: this buttons allows you to close this window.

n	n e	xport Configuration			:	×
D	Nr	Action Description	Group	Script Details	Static Options	^
	77	DB Export - SiteConfiguration		XA	-StationsOnly -Impos	8
	78	DB Export - All for this site		XA	-ThisSiteOnly	
	79	SEQ EXP Q8 Comm		ZV		
	80	SEQ EXP Q8 Comm		ZV		
	81	Shell Export (2)		Z6		
	82	Seq. Cut. Tank sales		ZX		
	83	Shell Export (1) txt		Z6		
	84	Seq. Cut. Period fuel sales		ZU		
	85	Seq. cut. Fuel Deliveries		ZW		
	86	Seq. cut. cutover info		ZT		
	87	Seq. Cut. Nozzle sales		ZS		
	88	Seq. Cut. Tank info		ZR		
	89	Seq. Cut Terminal MOP sales		ZQ		
	90	Seq. Cut Shop Sales		ZP		
	91	Stock export		ZA		
	92	ZH Merge SC, POS trans. files		ZH		
	93	Merge SC and POS transactions		ZH		ι.,
<	1				>	
		<u>E</u> dit <u>A</u> dd <u>D</u> elet	te	Group All Sites	Cancel	



7. 3. 2. 1) Add button

Different types of exports can be added based on existing exports.

M Add Export Action	×
Name Based on ZX Seq. cut. data,	. Tank sales 🗸
ASCII type blank undefined fields use field separator separator file extension	User type naming : ??????? file name unique fields
Static Options	<u>D</u> k <u>C</u> ancel

Some fields need explanation

•

Blank undefined fields: when certain fields have not been completed, it is possible to keep them blank by checking this checkbox. If this checkbox is not ticked, the blank fields will have value 0 in the export file. When this box has not been checked, you will get the following result:

	🌌 X062	0_51.ABC -	Kladblok										_	
	<u>B</u> estand	Be <u>w</u> erken	<u>O</u> pmaak	<u>H</u> elp										
	0053;0	050503203	35; s;1	.56;04:	11151034	; 603	;58358	358358	34444	44583358	3300000	0000000	0000000	00 🔺
l	700;	892.700;	; 1116.	400;	971.600	; 1733	.700;	0.0	00;	0;		0;	0;	
l		0;		0;		0;		0;		0;		0;		
l	215	512971;	1071	.7050;	690	5944;	382	53875;		5992896;	33	365558;	155	04
l	0;	1416680);	89426	90;		0;		0;		0;		0;	
l	0;		0;		0;		0;		- 0;		0;		0;	_
l	0;		0;		0;		0;		0;		0;		0;	
l		0;		0;	1	D;		0;		0;		0;		C
	10052+0	150504201	12• <•1	$57 \cdot 04$	11151024	· 602	· 58259	259259	24444	44592259	2200000	1000000	^^^^^	00

When this box has been checked, you will get the following result:

<i>🛃</i> X0620_51.	CBA - Kladblok					
<u>B</u> estand Be <u>w</u>	erken <u>O</u> pmaak <u>H</u> elp					
0053;05050)32035; s;156;0	411151034; 6	03;58358358	3358344444458	3358330000000	20000000000000000000
700; 892.	.700; 1116.400;	971.600; 17	33.700;	0.000;	;	; ; 🗍
215129	; 71; 10717050	; 6906944	; 382538	; 375; 5992;	; 896; 3365:	; 558; 15504
0; 14:	L6680; 8942	690;	;	;	;	;
;	;	;	;	;	;	; -
;	;	;	;	;	;	;
0053.0505	147∩13• ≤•157•∩	411151034· [;] б	03.28228258	; ;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;	; 33583300000000	hononononon

- Use field separator: this options allows you to define the separator used between every field in the export. Check this box and add a separator in the field below.
- File extension: this options allows you to specify the extension for the export file.

For more information about Exports see Appendix B.

NOTE: by entering certain commands in the 'Static Options' field, one can be able to change an action's behaviour. This is an advanced feature and will not be used.



7. 3. 3. System services

There are a few predefined system services. However, it is also possible to customise own services. System services are used for maintenance, backup, accessing the backoffice, etc.

	🚺 Te	le Manage	ement N	let						-		>
	File	Schedule	View	Edit	Define	Setup	Window	Help				
	16	-	Stat	ion					Welcome	e Administr	ator	0
			Gro	ups								
Reports			Act	ions	>							
Exports		-				,						
System serv	ices											
Quick												
Call												

After clicking [Actions] / [System services] in the Define menu, the window below pops up. You will see a list of all existing exports.

- [Edit]: this button allows you to adjust an existing service.
- [Add]: this button allows you to create a new service.
- [Delete]: this button allows you to delete the selected service(s).
- Group: this drop-down list allows you to filter the services based on Groups.
- [Cancel]: this buttons allows you to close this window.

r	n s	ervice Configuration			:	×
D	Nr	Action Description	Group	Script Details	Static Options	^
	80	Access Site via LMS		π		
	81	Site CFG Import		SN		1
	82	Move C:\Field ->\Support\TMS		тр	Move_C_Field_ToSu	ų.
	83	Delete TMS Station		TZ		
	84	Reinit TMS Station		TX		
	85	Access Site via LMS		TL	-LmsPath c:\lms\	
	86	Reinitialise Station(s)		TX		
	87	End Service BAT		TD	EndService.bat En	¢
	88	81 Calc.absolute values.		SK		
	89	StartService BAT		TD	StartService.bat St	2
	90	clean action history SYHISTRY		S1		
	91	Remove Station(s) from TMS		TZ		
	92	Fuel POS takeover		T3		
	93	Clean stations directoy		S5S0		
	94	Clean DB		S1		
L	95	Site PING Route Analysis		SQ	-Depth 0 -Width 1	
<	96	Check Db intearity		SL	-StatidSetup 99 -Inst	6 [~]
		Edit <u>A</u> dd <u>D</u> ele	ie	Group All Sites	Cancel	



7. 3. 3. 1) Add button

After clicking the [Add] button, you will see a list of components to be included in the new service.

m	Add Service Action			\times
wail	able Components	_	Name	
S0	Clean station specific files	^		
S1	Clean action history SYHISTRY			_
S 2	Remove old spool files			
53	Remove old logging files			
S4	Remove old export files			
S 5	Remove old requested files			
S6	Remove old provider blacklists			
S 7	Remove old EFT trans. download			
S 8	Reallocate EFT Providers			
S 9	Import Station EFT TRNX file			
SA	Blacklist Import Provider 1			
SB	Blacklist Import Provider 2			
SC	Blacklist Import Provider 3			
SD	Blacklist Import Provider 4			
SE	Blacklist Import Provider 5			
SF	Blacklist Import Provider 6			
SG	Blacklist Import Provider 7			
SH	Blacklist Import Provider 8			
SI	Blacklist Import Provider 9			
SJ	Blacklist Import Provider 10		1	
SK	Calc. absolute values from idx		4 Cance	
SL	Perform Db integrity			
SM	Tank Readings Trigger Import		-> OK	1
SN	Import TMS DB Table(s)	×	Static Options	

To create a service, you can move the blocks that are relevant to the new service using the arrow (\rightarrow) button. Then, enter a name for the service.

In the example below, a service was created for DB Cleanup.



Click **[OK]** to save the new report. You can now schedule this service to be executed. See also 4. Schedule menu.

M Service Configuration										
) Nr	Action Description	Group	Script Details	Static Options	^				
C	79	DB Cleanup		S0S1						

For more information about the service blocks see Appendix C.

NOTE: by entering certain commands in the 'Static Options' field, one can be able to change an action's behaviour. This is an advanced feature and will not be used.



7. 3. 4. Quick

There are a few predefined quick actions. However, it is also possible to customise own actions. See also 3.3. Quick action and 4.2. Quick button.

	🐠 т	ele Manage	ement l	Vet					-	
	File	Schedule	View Stat	Edit tion	Define	Setup	Window	Help	Welcome Adminis	trator
Reports			Act	ions	>					
Exports System servi	ices					-				
Quick Call										

After clicking **[Actions] / [Quick]** in the Define menu, the window below pops up. You will see a list of all existing quick actions.

- **[Edit]**: this button allows you to adjust an existing quick action.
- **[Add]**: this button allows you to create a new quick action.
- [Delete]: this button allows you to delete the selected quick action(s).
- Group: this drop-down list allows you to filter the quick actions based on Groups.
- [Cancel]: this buttons allows you to close this window.

ſ	n (Quick Action Configuration			×
D	Nr	Action Description	Action 1	Action 2	Action 3
	0	Export tank details (10 Q8BE)	0/61 Req. actual tank details	2/96 Last tank readings, 15 tanks	
	1	Access Station via LMS	4/85 Access Site via LMS		
	2	SeqEx - 86lfo 84WtSal 85Delivy	2/86 Seq. cut. cutover info	2/84 Seq. Cut. Period fuel sales	2/85 Seq. cut. Fi
	3	SeqEx-88Tnk 89MopSal 90ShopSal	2/88 Seq. Cut. Tank info	2/89 Seq. Cut Terminal MOP sales	2/90 Seq. Cut Sł
	4	SeqEx- 82TkSal	2/82 Seq. Cut. Tank sales		
	5	Get Opt Config	0/19 GetNodeNwcSwvOptlni		
	6	Acces site via LMS	4/80 Access Site via LMS		
<					>
		<u>E</u> dit <u>A</u> dd <u>D</u> ele	te	<u>k</u>	<u>C</u> ancel



7.3.4.1) Add button

After clicking the [Add] button, the following window appears.

n Add Quick Action		×
Name		
Not Setup		•
Not Setup 💌		•
Not Setup		•
	<u>O</u> k	Cancel

First enter a name for the quick action. Then, choose a type of action and specify which action has to be executed. It is possible to define up to 3 actions to be executed subsequently.

For example, a tank status report is needed. First, TMS will need to extract data from the station. Therefore, we will need to schedule a call action – Req. actual tank details. Then, TMS will need to make a report. Therefore, we will need to schedule a report action – Level details.

n Add Quick Action	×
Name Tank statu	s
Call	61 Req. actual tank details
Report 💌	93 Level details
Not Setup 💌	•
	<u>Q</u> k <u>Cancel</u>

Click **[OK]** to save the new quick action. You can now schedule this action to be executed. See also 3.3. Quick action and 4.2. Quick button.



r	n c	Quick Action Configuration			×
D	Nr	Action Description	Action 1	Action 2	Action 3
	0	Export tank details (10 Q8BE)	0/61 Req. actual tank details	2/96 Last tank readings, 15 tanks	
	1	Access Station via LMS	4/85 Access Site via LMS		
	2	SeqEx - 86lfo 84WtSal 85Delivy	2/86 Seq. cut. cutover info	2/84 Seq. Cut. Period fuel sales	2/85 Seq. cut. Fi
	3	SeqEx-88Tnk 89MopSal 90ShopSal	2/88 Seq. Cut. Tank info	2/89 Seq. Cut Terminal MOP sales	2/90 Seq. Cut Sh
	4	SeqEx- 82TkSal	2/82 Seq. Cut. Tank sales		
	5	Get Opt Config	0/19 GetNodeNwcSwvOptlni		
	6	Acces site via LMS	4/80 Access Site via LMS		
	7	Tank status	0/61 Req. actual tank details	1/93 Level details	
<					>
		<u>E</u> dit <u>A</u> dd <u>D</u> ele	te	Qk	<u>C</u> ancel

7. 3. 5. Call

There are a few predefined calls. However, it is also possible to customise own calls.



8. Setup menu

8.1. Formulas

Formulas can generally be used for all kinds of mathematical operations in TMS. Currently, however, formulas are only used for commercial profiles.

	Tele Manage	ment N	let											-		Х
File	Schedule	View	Edit	Define	Setup	Window	Help									
1	i 🚓	Form	nulas								We	lcome	Adm	inistr	ator	0
_		EFT S	Setup					 		 						
		User	manag	gement												

After clicking [Formulas] in the Setup menu, the window below pops up. You will see a list of all existing formulas.

- [Add]: this button allows you to create a new formula.
- [Delete]: this button allows you to delete the selected formula (s).
- **[Usage]**: this button allows you to consult in which commercial profiles a formula is being used.
- **[Cancel]**: this buttons allows you to close this window.
- [Close]: this button allows you to close this window.

At the bottom of the screen, you will see the following information about the highlighted formula: number, description, factor and function.

m co	ommercial profile formula	5					×
Number	r Formula description	Factor 1	Function 1	Facto	r 2 Function 2	₽ <u>A</u>	dd
1	test 0.1 add	0.100	Subtract	0	None		
2	Q8 test add	0.050	Add	0	None	🗙 De	lete
3	Q8 test sub	0.050	Subtract	0	None		
						Usag	e
						(
						<u> </u>	el
1						E Sa	ave
Number	Description	Fa	ctor 1	Function 1			- 1
1	test 0.1 add	0.1	00	Subtract	•	Ci	ose



8.1.1. Add button

After clicking the **[Add]** button, you will see green fields at the bottom of the window.

m Cor	nmercial profile formula	is					×
Number	Formula description	Factor 1	Function 1	Factor 2	Function 2	+ A	ydd
1	test 0.1 add	0.100	Subtract	0	None		
2	Q8 test add	0.050	Add	0	None	De	elete
3	Q8 test sub	0.050	Subtract	0	None		
						Usag	je
						Cano	ol
							.01
						-	
						_ S.	ave
Number	Description	F	actor 1	Function 1		1	
				None	_		026

Fill in a number and a formula description.

Then, enter a factor. This is the value that will be added or subtracted from the current prices on site. Finally, enter a function. Choose whether the factor should be added or substracted.

8. 2. EFT Setup

This function contains EFT related information.

1	fele Manage	ement N	let									-		×
File	Schedule	View	Edit	Define	Setup	Window	Help							
17	ele Management Net Schedule View Edit Define Setup Formulas EFT Setup User management		1				Welc	ome A	dminist	rator	0			
		EFT S	etup					 	 	 				
	EFT Setup User management													



8. 3. User management

In this menu, you will be able to create and manage users.

🕐 Tel	e Manage	ment N	let											_		×
File S	chedule	View	Edit	Define	Setup	Window	Help									
16		Form	ulas								Wel	come	Adm	inistra	ator	0
		EFT S	etup													
		User	manag	jement]										

After clicking [User management] in the Setup menu, the window below pops up.

- [Edit]: this button allows you to adjust an existing user/profile.
- [Add]: this button allows you to create a new user/profile.
- [Delete]: this button allows you to delete the selected user/profile(s).
- [Cancel]: this buttons allows you to close this window.

There are 2 tabs in this window: user profiles and users.

Illeer D	er Profiles / Users	-	
1		1	Edit
ld	Profile Name		
1	Administrator		Add
2	Operator		
3	Restricted Operator		Delete
4	Viewer		
5	Fuel price change		
			Cancel

	User Name	Login	Active	Profile	<u>E</u> u
1	Administrator	Administrator	True	Administrator	۵d
2	Jan Benes	BEJ	True	Administrator	
3	Fuel price change	price	True	Fuel price change	Del
4	Stefan Francois	FRS	True	Administrator	
5	Ronny De Meyer	dmr	True	Supervisor	
6	Pieter De Bruycker	DBP	True	Supervisor	
7	Nathalie Pham	PHN	True	Supervisor	
8	Olivier Poppe	POO	True	Supervisor	
9	Eric Vanderlinden	VAE	True	Restricted Operator	
10	Joan Bruneel	brj	True	Supervisor	
11	Ken Martens	mak	True	Supervisor	



8.3.1. Tab User Profiles

There are 5 different levels of user profiles:

- Administrator profile: highest level, access to all TMS GUI resources
- **Level 1 profile:** access to action scheduling, station/action definition, fuel prices, SC parameters, Commercial profiles, viewing, action scheduling.
- Level 2 profile: access to station/action definition, fuel prices, SC parameters, Commercial profiles, viewing, action schedulation
- Level 3 profile: access to fuel prices, SC parameters, Commercial profiles, viewing, action schedulation
- Level 4 profile: only access to view resources. Other profiles can be created through Administration profile.

Users can be created through an administrator profile and are linked to one or more existing profiles. A user must be linked to a profile to obtain access rights to TMS.

To add a new profile, click [Add].

To edit an existing profile, click [Edit].

You will see the screen below. Here, you will be able to determine which actions can be performed by a user with that profile.

Right click the action and choose **[Allow]** or **[Block]**. When a menu is blocked, it is not possible to enter any of the underlying menu items.

M Edit user profile			-		\times
Er - V File V Schedule V Sc	Profile id Profile name	0 Administrator		<u>D</u> k <u>C</u> ancel	

M Add user profile			-		×
State Allow State Allow State Allow State Block State State State	Profile id 6	_	2	<u>Ok</u> Çancel	



8. 3. 2. Tab Users

In this tab, you will be able to create users based on user profiles.

To add a new user, click **[Add]**. To edit an existing user, click **[Edit]**. You will see the screen below.

Here, enter a user name and enter a login. The user Id is generated automatically.

Then, specify whether the user is active or not. When a deactivated user is used to log in, you will see the error message below.

Finally, enter a password and a confirmation and select a linked user profile.

m Add user	— П X		
User Id 12 User name Login Activ			
Password Password confirmation Linked Profile 0000 - A	Iministrator		
🛞 Tele Management Net		_	×
File Schedule View E	dit Define Setup Window Help		0
	Login PHN Log in User. X Log in User. X Log in the PHN is for this time inactive. OK Log Change password		

8. 3. 3. User management related information

8. 3. 3. 1) Logging into file

For every successful login, a file will be added in the %TMSROOT%\LOG directory with the following name format SYSMMDDhhmm.log where:

- MM is the month number.
- DD is the day number.

TMS GUI Manual v2

www.micrelec.be



- hh is the hour when the user logged in.
- mm are the minutes when the user logged in.

8. 3. 3. 2) User action logging

Following actions will be logged in TMS User logging:

- User log in/out
- Action scheduling: Add, Delete, Edit
- Site controller parameter modifications
- Terminal/dispenser/nozzle management
- Fuel price editing + commercial profile editing
- Station Definition: add, delete, modify
- EFT related modifications
- Admin tasks



9. Window menu

9.1. Cascade

When selecting this option, the windows opened in the TMS main window will be shown in cascade form.

🐠 Tele Management Net		- 0	×
File Schedule View Edit	Define Setup Window	Help	
🎦 🔩 🌆 👍	Cascade	Welcome Administrator	0
	Tile Horizontally Tile Vertically		

9. 2. Tile horizontally

When selecting this option, the windows opened in the TMS main window will be tiled horizontally.

🐠 Tele Management Net			- 0	×
File Schedule View Edit	Define Setup	Window	Help	
🎁 🚓 🚈 🖉	Cascade		Welcome Administrator	0
	Tile Horizontally	/		
	Tile Vertically			

9. 3. Tile vertically

When selecting this option, the windows opened in the TMS main window will be tiled vertically.

🐠 Tele Management Net			- 0	×
File Schedule View Edit	Define Setup	Window	Help	
🌃 🐟 🌆 🛓	Cascade		Welcome Administrator	0
	Tile Horizontall	/		
	Tile Vertically]	



10. Help menu

10. 1. About

When clicking **[About]** in the Help menu, the window below will pop up. In this window, you will see the following information:

- Version of the software release. (here 5.6.0.0)
- Type of installed TMS. (here multi-company)
- The number of defined stations. (here 10)
- The Torex Retail N.V. phone number.
- The Torex Retail N.V. fax number.

🐼 Tele Management Net					-		×
File Schedule View Edit Define Setup Window Help			We	elcome i	Administr	ator	0
🚯 About	×						
Tele Management for Windows Version 6.1.0.2							
MultiCompany (35) 755 known stations							
Micrelec www.micrelec.be							
e-mail:helpdesk@micrelec.be′							

www.micrelec.be



Т

Appendix A: REPORTING COMPONENTS

A0	Header
	Shows from what station (or group) this report is created from. Shows when this report is created (date and time). Shows when the last data call is made to be able to make this report. Shows start and end time/date from the last closed period.
A1	Software version
	Sows the software version. Shows when the configuration (SC) has been adapted for the last time.
A2	Dispenser/nozzle sales, indexes (non-resettable totalizers)
	Shows per dispenser, per nozzle: Total amount (Money) Total volume of fuel dispensed Total number of transactions TooMuch: When the dispenser is pre-paid for 20€ of fuel but only 15€ is dispensed because the tank in your car is full, then the user is credited and remaining 5€ is put in TooMuch. (Usually Outdoor sales with BNA) TooLess: When the dispenser is pre-paid for 20€ of fuel but it is unable to stop exactly and overshoots to 20,15 (Badly working valve,) then the remaining 15c is put in TooLess. IndexAmount: Amount of money from all the sales since the installation of the dispenser. IndexVolume: Amount of fuel from all the sales since the installation of the dispenser.
A3	Terminal Sales
	This shows the total amount, volume and number of transactions per terminal. There's also a general total shown of the amount, volume and transactions
A4	Level Details (period related)
	For every tank on the site is shown: The type of product in the tank. The capacity of the tank. Measured data: Height of the water level in the tank (millimetres). Height of the fuel level in the tank. Total volume of water in the tank (litres). Total volume of fuel in the tank (measured by LGS) Status: Status from the level gauge. Calculated data: Theoretical volume of fuel in the tank derived from registered deliveries and performed fuel sales
A5	Fuel delivery details
	Up to 4 last deliveries per tank are shown with the following data: Date and time of the delivery. Volume of the delivery (litre). Date and Time of delivery user input (when deliveries are entered by user) Delivery Volume as entered by the user



	Note: The last 4 deliveries shown are related to the totalisation period for which the report is generated. Deliveries happening during the currently running and yet unclosed period will not be shown here.
A6	Articles sales
	Per article: Article number. Article name. Sell Price for this article. Total amount sold Number of items sold. Total amount of returned items. Number of returned items. A total per column. This data is only available for sites with integrated POS
A7	Department sales
	Per department: Total Amount sold. Number of sales. Total amount of the returned items. Number of the returned items. A total per column. This data is only available for sites with integrated POS
A8	Mode of payment
	Per mode of payment (MOP): Number of the mode of payment. Description of the mode of payment. Exchange rate (in case of foreign currencies) Total amount of money tendered with this MOP. Number of transactions where MOP was used. Total amount of returned money Litres of fuel (if applicable) A total per column. This data is only available for sites with integrated POS
A9	Mode of payment (per operator shift)
	Per period, per POS (Point of sale), per shift (operator number, operator name, shift number, date and time for start of the shift): Number of the mode of payment. Description of the mode of payment. Exchange rate (in case of foreign currencies) Total amount of money tendered with this MOP. Number of transactions where MOP was used. Total amount of returned money Litres of fuel (if applicable) A total per column. This data is only available for sites with integrated POS



AB	Actual level details
	Last known tank level details per tank:
	The type of product in the tank. The capacity of the tank.
	Measured data: Height of the water level in the tank (millimetres). Height of the fuel level in the tank. Total volume of water in the tank (litres). Total volume of fuel in the tank (measured by LGS) Status: Status from the level gauge.
	Calculated data: Theoretical volume of fuel in the tank derived from registered deliveries and performed fuel sales
AC	Terminal/Product sales
	Per terminal, per product : Total volume Total amount Number of transactions
AE	Terminal/MOP sales
	Per terminal, per MOP (Mode of Payment): Total volume Total amount Number of transactions
AF	Site Configuration
	Site Controller Software version, the last configuration change. Per dispenser, per nozzle: The number TMS uses for a nozzle. Fuel type (product name) Per tank: Product in the tank. Capacity of the tank. List of connected nozzles Description of the terminals present on the site.
AG	Product Sales
	Per product used on site: Unit price valid at the end of the totalisation period Total volume Total amount Number of transactions



AH	Department/sub-department Sales
	Per department/sub department: Total Amount sold. Number of sales. Total amount of the returned items. Number of the returned items. A total per column. This data is only available for sites with integrated POS
AJ	MOP index sales
	Per index: Ex rate: Exchange rate. Comb amt: Combined total price (Fuel and Shop). Fuel amt: Fuel total price. Shop amt: Shop total price. For amt: Foreign amount.
AK	MOP index sales (pos)
	Per POS, per index: Ex rate: Exchange rate. Comb amt: Combined total price (Fuel and Shop). Fuel amt: Fuel total price. Shop amt: Shop total price. For amt: Foreign amount.
AL	Last eft status poll
	EFT related report.
AM	Last fuel delivery details
	Last known 4 deliveries per tank are shown with the following data: Date and time of the delivery. Volume of the delivery (litre). Date and Time of delivery user input (when deliveries are entered by user) Delivery Volume as entered by the user
AN	Call Anomalies (Station unspecific report)
	Report with all what went wrong from the last time this report was last issued. Failed TMS actions, exceptions encountered during action execution, Using this report regularly allows for management by exception of all TMS related issues.
AO	Diagnosis last transactions
	Report with 20 last transactions as retrieved by the diagnostic call
AQ	SC RF-id operator sales
	Period totals split per operator (per RF-ID card) (Available when Fuel Sales Tagging through RF-ID cards is active)



Appendix B: EXPORTS

Exports made in the context of a call

During the call TMS fetches data and generates export file(s).

- POS Data
- SC Logging
- Specific data exports during a call

Exports generated from data stored in the database

Various station calls fetch data from site and store it (also) in the database. Most of the data retrieved from site and stored is data related to a site period closure. A period on a site generally covers one day of operation. Stored data is then used to generate reports and exports. As only data already present in the DB can be exported, TMS is foreseen with features allowing the export to wait until the preceding data retrieval action(s) either succeeded or failed.

Station specific export files

Export file is on a per station basis. Export action needs to be scheduled for each station concerned.

Export files with data from all stations per type of data

Export file is on a data type basis and contains data from all sites. Only one station unspecific export action needs to be scheduled.





1. POS Data

POS DATA EXPORT FILES. (dynamic binary export)

Calls containing the BE script element retrieve and export the POS Binary Export files. The created files are located in the ..\trans directory.

File names follow following logic:

ZZZXXXXY.SSSS

ZZZ: Fixed, these 3 characters show what the content of the file isXXXX: Period number from the SC.Y: Sequence number of the POS period within the SC period (the last character).SSSS: Number of the station.

All the information in the export files are obtained from the POS. One file is created per station, per period, per type of data. Content and types of available exports is configured on site on the POS. (Can be done through a dedicated TMS call) Exported files are located in the ..\trans directory.

This type of export is called binary export. The files are binary at the POS. TMS requests these files and converts them into CSV files.

Different types of the export files are:

- MOP: Method of payment totals of the period.
- DEP: Department totals of the period.
- ART: Article movement (sales total per article) over the period.
- VAT: VAT rates at the end of the period.
- PTR: Payment details for each sale in the period.
- STR: Sale details for each sale in the period.
- DPO: Department totals per shift.
- STK: Article stock at the end of the period.
- COM: Manager commission calculation details for the period.
- CAD: Details of credit account clients (Local accounts or LACC).
- PCI: Period closure info.
- NZS Nozzle Sales
- TAS Tank Status and Levels
- DSH Dry Stock Operation Header
- DSL Dry Stock Operation Lines
- LTY: Loyalty info file

For detailed information refer to the dedicated document about POS exports.

2. Site Controller Logging

TA_AN_LG (= Tank Analysis Logging)

Export is generated by call actions with script element requesting new TA_AN_LG - new records of Tank Analysis Log. Used also by Petrol 247 for follow up of the levels in the tanks.

File is located in ..\export directory, format is CSV and file extension follows the TMS station number.



SC TR LG (= Site controller Transactions Logging)

Export is generated by call actions with script element requesting new SC_TR_LG. File is located in the .. \export directory, format is CSV and file extension follows the TMS station number. This file contains detailed information about each fuel transaction happening on the SC.

There are 2 types of SC TR LG files, a short version and a full version. Type is configurable trough the TMS.ini file in the root directory of TMS under the option 'FullSCTRNXLogg' in the block [EXPORT].

FullSCTRNXLogg=No is the short version FullSCTRNXLogg=Yes is the full version

Full version contains more information, like payment and loyalty card numbers used,...

LV_CH_LG (= Level Change Logging)

Export is generated by call actions with script element requesting new LV CH LG. File is located in the .. \export directory, format is CSV and file extension follows the TMS station number. This file contains detailed information about all level changes in all the tanks equipped with the level gauging system.

For more information about Site Controller logging see dedicated documentation (reconcil.doc)

3. Specific data exports during a call

Local invoices/credit notes

Export of invoices/credit notes created on the Site Controller in the sites. Export is generated by call actions with script element requesting new invoice records. In the same script, the previously obtained set of invoice records is confirmed to the SC.

As a side effect, TMS can re-generate the invoices as they were printed on the site. It can be switched on/off with 'GenLocInvoice' line in the block [REPORT] in the TMS.ini file. When 1 is specified then the invoices are generated else only the export file is made.

After this call there is a file added in the \export directory. The filename looks like this:

RTINV s.PRN RTINV: ReTail INVoice export file. S: TMS session identification.

Tank calibration

The tank calibration files are used to analyse and calculate tank tables. To request the tank calibration files the call action – Reg tank X calibration logg is needed. After one of these calls there is a file added in the specified directory in TMS.ini Using the separator also specified in TMS.ini, to separate the columns.

The filename looks like this: TA CA xx.ssss TA_CA_: Tank calibration file Xx : Tank number. Ssss: The station number.

TMS GUI Manual v2

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Tank tables

Tank table contains the conversion of height in tank to corresponding volume for multiple points (called straps). Tank tables can be sent and requested. Usually a dedicated call is foreseen for each operation. After requesting the tank tables the files are located in ..\temp directory.

The filename layout is: TA_TB_xx.ssss TA_TB_: Tank table file. Xx : Ta nk number. Ssss: The station number.

When new tank tables need to be send to the site, the files have to be located in the ..\Ssss\send directory of TMS with the correct filename.

Last 20000 SC fuel transactions

This export file contains the last 20000 fuel transactions. If the file already exists new records are appended.

Use call action – Request SC transact logging.

After this call a file is created in the ..\trans directory.

The filename layout is: TRNmmddn.ssss TRN: SC fuel transactions. Mm: Month number. Dd: Day of month. N: PC session number. Ssss: The station number.

SC Period fuel transactions

This export file contains the details of all the fuel transactions within a period.

Use call action - Req. POS + SC transactions.

After this call files are created in the ..\trans directory. The filename layout is: TRSCcccc.ssss TRSC: SC period fuel transactions. Cccc: SC closure number. Ssss: Station number.



POS period transactions: Headers and Lines

These export files contain data with all the POS transactions within a period. Header and Lines export files are always available together. Record key fields link content of the two files.

Use call action – Req. POS + SC transactions. After this call files are created in the ..\trans directory.

Transaction Headers:

TRHDcccc.ssss

TRHD: POS period transaction headers. Cccc: SC closure number. Ssss: The station number.

Transaction Lines: TRLIcccc.ssss TRLI: POS period transaction line details. Cccc: SC closure number. Ssss: Station number.

Period transaction headers and lines (both POS and SC)

Export integrates all the transactions done within a period (both SC and POS). TMS merges the SC transactions details into the POS transaction details.

First the call action – Req. POS + SC transactions is needed, followed by an export of ZH type – Merge SC, POS transaction Files. Export files are created in the ..\trans directory.

TRHDcccc.ssss, TRLIcccc.ssss Cccc: SC period closure number. Ssss: Station number.

Periodical article movements

This file contains all the article sales within a period. Use call action – Fuel Shop Stock Art. Export file is created in the ..\trans directory.

PARTcccc.ssss

PART: Periodical article movements. Cccc: SC period closure number. Ssss: Station number.

For more information see dedicated TMS export documentation. (Telmanxx-xxx.doc.)



Station specific export files

60 Nozzles, 15 tanks

Export contains periodic information about the tank levels and nozzle sales, and POS sales ordered by MOP index.

One of the following call actions are needed: Fuel Shop Stock Invoice, Cutover Fuel Stock, Fuel Shop Stock Art, Fuel Shop Stock Inv. PI BE, Fuel Shop Stock Inv. PI POSSAL or Fuel Stock Shop.

Export Type: Z6 Sales 60 nozzles 15 tanks, ASCII

Export file is created in the ..\export directory. Filename layout: Xmmdd_ts X: eXport file. Mm: Month number. Dd: Day of month. T: File type, group of export by closure sources. P: TMS. S: Closure started by operator, POS console, fuel console. S: Session identification.

Last 4 fuel deliveries, 15 tanks

This gives the volume and start time of the last 4 fuel deliveries at the moment of the call.

Export Type: Z7 Fuel deliveries 15 tanks, ASCII

Export file is created in the ..\export directory. Filename layout: Xmmdd_ts X: eXport file. Mm: Month number. Dd: Day of month. T: File type. D: Fuel delivery details. S: Session identification.

Department export: department and sub department amount, 90 departments

Export of department sales (amounts) and sub-department sales (amounts) of every period.

Export Type: Z8 Department amounts, ASCII Z9 Sub-department amounts, ASCII

Export file is created in the ..\export directory. Filename layout: SHDSAL_s SHDSAL: Fixed part of name. S: Session identification.

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4 behaviours of this export are supported, selected through TMS.ini file, option 'ASCIIDeptsMode' under the section [EXPORT].

ASCIIDeptsMode	Behaviour
1	Export without department 99 (fuel) information.
2	Export with department 99 (fuel) information.
4	Export without department 99 (fuel) information and with currency code
	information.
5	Export with department 99 (fuel) information and with currency code
	information.

Last tank reading, 15 tanks

Export of last collected tank details. The most recent available info from period closure or from collection of actual tank details are exported.

Export Type: ZA Last tank readings, ASCII

Export file is created in the ..\export directory. Filename layout: STmmdd_s ST: Wet Stock details export file. Mm: Month number. Dd: Day of month number. S: Session identification.

Last tank readings, XML&SQL

Export of last collected tank details from collection of actual tank details.

Export Type: X0 Last tank readings XML&SQL

Export file is created in a dedicated directory; at the same time can the data be inserted into an SQL database.

TMS DB Table(s) to CSV

Script dependent export capable of exporting content of various TMS DB tables for one site or for a given group of sites

Export Type: XA TMS DB Table(s) to CSV

Export file(s) can be found in the ..\export directory.

For more information about the exports consult dedicated documentation (telmanxx-xxx.doc)


Sequential export files

These export files are generated per data type basis (record layout) and contain data from all sites. Only one station unspecific export action needs to be scheduled for each export type (file). The way the data is organised makes these exports most suitable as interface files for import into an SQL database meant for network wide reporting.

2 variants of the sequential export exist. Variant 1 is less extensive. The variant is setup through the TMS.ini file, section [EXPORT] option 'SeqExpModifier'.

File name layout	Export Action Basis	Record Content
SSxxxxx	ZP Seq.cut.data, Shop Sales	Period sales per (sub)department
TMxxxxxx	ZQ Seq.cut.data, Terminal MOP	Period payments per terminal
TSxxxxx	ZR Seq.cut.data, Tank Status	Tank dipping related data
FSxxxxx	ZS Seq.cut.data, Nozzle sales	Period nozzle sales
PCxxxxx	ZT Seq.cut.data, Info file	Period closure generics
PFxxxxx	ZU Seq.cut.data, Period fuel sales	Period fuel sales
COxxxxx	ZV Seq.cut.data, Commission Info	Period commission details
FDxxxxx	ZW Seq.cut.data, Fuel Deliveries	Fuel Deliveries
TPxxxxxx	ZX Seq.cut.data,Period tank sales	Period tank sales
RFxxxxxx	ZY Seq.cut.data, Period Tag Sales	Period sales per RF-ID tag

When using one of these exports the station in context of which the export is performed is not relevant. The resulting export file contains all available not yet exported information about all stations. An older already once exported sequential export file can be re-exported. To do so, export action must be re-launched but needs to specify the serial number of the export in the 'FROM' field (which is normally left blank).

EXAMPLE: an export file to get information about Nozzle sales is made here.

Z	Edit action of so	hedule							×
S	t. Action at	Site		Act.type	Action id		Retry	Until	Frequ
	2005/06/10 12:	50:55 0001 1	ntern	Export	ZS Nozzle sales		0		0
	1-1								
1									
	Hold [<u>)</u> elete	Re <u>s</u> chedule	<u>F</u> ilter	Ro	ows: 1	<u>E</u> dit	Cance	91
Ī	Hold All	Del. All	Reschedule All	Quick		Refresh	Add		
_									



In the export directory of TMS the file FS000073 is created.



Export is being written into a temporary file SEQEXPxx.\$\$\$ and only upon a successful completion when any data were found is the file name changed. Presence of the temporary file in the export directory indicates failure to find any data to export.

🔍 EXPORT			<u>_ ×</u>
<u>B</u> estand Be <u>w</u> erken Beeld <u>F</u> avo	rieten E <u>x</u> tra	Help	
🗘 Vorige 🔹 🔿 👻 🔯 Zoeke	n 🔁 Mappen	🎯 📴 🐨 🔅	× 10 I II+
Adres 🗋 D:\tmsnet\EXPORT		•	🔹 🤗 Ga naar
Mappen	× Naam		
How the second s	FS00	00073 EXP01	

TMS remembers which data went into which export file, and will not export same information twice. When the same file (FS000073) needs to be exported again, we note the sequential number of the export – 73. Further we need to know what type of export is required. First 2 characters of the file name FS means nozzle sales (see the table here above).

To remake the export file enter the sequence number in the "From:" field in section "Report/Export" and specify the right type of export, as shown below.



Susic settings			
Do action at	2005/06/10 13:04:0	08	
Station	0001 Intern		
Туре	Export		
Action	82 ZS Nozzle sale	BS	-
Advanced sett	ings		
Strategy	01 STANDARD E	XPORT STRATEGY	-
Frequency		•	
Repeat until	0000/00/00 00:00:0	DO	
Only between	· -> :	_	
Notion	□ mo □ tu □	we 🗆 th 🗆 fr 🗖	sa 🗖 su
Report/Export -		– Switches –	_
From 73	?	Detailed logging	Cancel
Include			
Print report			<u>O</u> k
Comment —			
			4

Upon completion the temporary file "SEQEXP01" is deleted and the original file FS000073 is overwritten with the re-generated export file.

For detailed information about sequential exports, see dedicated documentation (SequentialExport_x-x.doc)



Appendix C: SERVICES

S0	Clean station specific files
	DB cleanup.
	Deletes historic cutover data in the database, the number of historic cutover info stored in
	the database depends on the setting of the TMS.ini parameter HistoryDepth = (number of
	cutovers).
S1	Clean action history SYHISTRY
	DB cleanup.
	Deletes user scheduled action history in the database, the number of deleted records
	depends on the setting of TMS.ini parameter CleanSyHistor = (number of days).
S2	Remove old spool files
	Disk cleanup.
	Deletes old spool files (reports => spool directory) from disk. How many files are kept
	depends on TMS.ini setting CleanSpool = (number of days).
S3	Remove old logging files
	Disk cleanup.
	Deletes old log files (log directory) from disk. How many files are kept on disk depends on
	TMS.ini setting CleanCOMLog = (number of days).
S4	Remove old export files
	Disk cleanup.
	Deletes old export files (export directory) from disk. Number of files kept on disk depends
_	on TMS.ini setting CleanExport = (number of days).
S5	Remove old requested files
	Disk cleanup.
	Deletes all received files from stations on disk (\stations\xxxx\recv directories), number of
	old files kept on disk depends on the TMS in parameter CleanFileReq = (number of
00	days).
56	Remove old provider blacklists
07	EFT Server related service.
5/	Remove old EFT trans. Download
00	EFT Server related service.
58	Reallocate EFT Providers
00	EFT Server related service.
59	Import station EFT TRINK file
0.4	EFT Server related service.
SA	Blacklist Import Provider 1
00	EFT Server related service.
2B	Blacklist Import Provider 2
00	EFT Server related service.
SC	Blacklist Import Provider 3
00	EFT Server related service.
5D	Blacklist Import Provider 4
05	EFT Server related service.
SE	EET Server related convice
05	EF I Server related service.
51	Blacklist Import Provider 6
<u> </u>	EF I Server related service.
SG	Blacklist Import Provider /
011	EFT Server related service.
SH	Blacklist Import Provider 8
	EFI Server related service.



SI	Blacklist Import Provider 9
	EFT Server related service.
SJ	Blacklist Import Provider 10
	EFT Server related service.
SM	Tank Readings Trigger Import
	Process file trigger for fetch and export of site Tank dipping info
SN	Import TMS DB Table(s)
	Import records of TMS DB tables (passed from other TMS)
SO	Schedule IP Ping Actions
	Scripted insertion of actions for site connectivity problems analysis
SQ	IP Ping Station Node(s)
	Use Ping to analyse site IP connectivity problems
SV	Sum data to Virtual Station
	Merge Period data from a group of sites as if all came from one virtual site
SW	Fuel price file import ver. 2
	Imports a fuel price file version 2.
SX	Loyalty info file import
	Imports a card – points relation file.
SY	Fuel price file import ver. 1
	Imports a fuel price file version 1.
SZ	Tokheim Station Data Import
	Import Tokheim period data from local file
T0	Execute batch file tmsbat0.bat
	Launch external batchfile TMSBAT0.BAT
T1	Execute batch file tmsbat1.bat
	Launch external batchfile TMSBAT1.BAT
T2	Execute batch file tmsbat2.bat
	Launch external batchfile TMSBAT2.BAT
Т3	FTP Fuelpos cutovers fetch
	Import Tokheim FuelPOS period data using FTP
ТВ	Backup database tables
	Perform compressed and verified backup of the database
ТС	Transfer Files via FTP
	Scripted file operation(s) with an FTP host
TD	Execute Given Batch file
	Execute scripted operation using command.exe
TL	Access Site via LMS
	Build Connection channel, pass control to LMS and wait upon its termination
ТΧ	Reinitialise Station(s)
	Reinitialise one station or a group of stations – forget all old data
ΤY	Re-index Historical Data Down
	Compact DB entries for a given site
ΤZ	Remove Station(s) from TMS
	Delete one station or a group of stations and all the related data from TMS