# TALOS TALOS Software

HERA & HESTIA Stations automatic data files downloading software.

TALOS Software has been designed by ECM to download remotely and automatically the Memory and Statistical files up to 100 or more HERA Stations.

It is intuitive and allows an easy setup of the download of the data files requested by the Operator.

It can be installed on computers, laptops or tablets with Windows operating system\*.



## "Automatic data files downloading of HERA & HESTIA Stations"



#### **MAIN FEATURES :**

Automatic download of ECM HERA and HESTIA Stations traffic data :

- o Memory (individual vehicle data) files,
- Statistical files.
- Remote access to HERA and HESTIA Stations by :
- Ethernet TCP/IP, FTP,
- RF modem, RS232 / Modem (PPP).
- Automatic launch of TALOS Services when starting Windows,
- Manual download mode to test the communication,
  - Summary report,
  - Stations clock control,
  - Etc.



Electronique Contrôle Mesure 4 Rue du Bois Chêne le loup Parc d'Activité de Brabois 54 500 VANDOEUVRE LES NANCY 23(33) 03.83.44.24.13



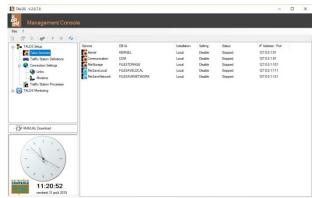


Electronic Control Measurement Inc 464 commercial drive BUDA 78610 - TEXAS (512) 2959752, Fax (512) 2959753 The TALOS software is designed for automatic and regular downloads of traffic data from ECM HERA and HESTIA stations. It is based on a modular architecture

consisting of a management console and 5 services that communicate together, in a single computer, using a TCP/IP communication protocol interface.

The 5 TALOS Services are :

- The "Kernel" service,
- The "Communication" service,
- The "FileStorage" service,
- The "FileSaveLocal" service,
- The "FileSaveNetwork" service.



The TALOS Management Console is a program used solely for the configuration and management of the 5 TALOS services that collectively assume the automatic retrieval and storage of traffic data.

## Autonomous software, running in the background, without Operator intervention.

File ?							
TALOS Setup	Date	Guid	Message				
Talos Services	2015-02-19T12:04:15:545	KERNEL-HT-162-21912350804-86703	INFO - Timeout Stop - Timeout Delay : 7000				
Traffic Station Definitions	2015-02-19T12:04:15.545	KERNEL-HT-162-21912350804-86703	EXCEPTION 010 - O.S. message : Le thread a été abandonné.				
Connection Settings	2015-02-19T12:04:15:545	KERNEL-HT-162-21912350804-86703	EXCEPTION 022 - O.S. message : Le thread a été abandonné.				
_ 🚱 Links	2015-02-19T12:05:10.391	KERNEL-HT-162-21912450596-18634	INFO - REQUEST by Kemel Service for 'DateTimeWrite' to STATION HT-162				
Moderns	2015-02-19T12:05:10.407	KERNEL-HT-162-21912450596-18634	INFO - Communication Service XML Reception : <command/> <header 00="" 04910194="" 1100110="" 1131"k<br="" 2022="" 22="" 2202="" from="KEF&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;Traffic Station Processes&lt;/td&gt;&lt;td&gt;2015-02-19T12:05:10.407&lt;/td&gt;&lt;td&gt;•&lt;/td&gt;&lt;td colspan=4&gt;INFO - Communication Plugin created for Station HT-162NumberOfThread = 5&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;TALOS Monitoring&lt;/td&gt;&lt;td&gt;2015-02-19T12-05-10.531&lt;/td&gt;&lt;td&gt;KERNEL-HT-162-21912450596-18634&lt;/td&gt;&lt;td colspan=4&gt;INFO - Transmission of the command : (000) LCONF&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;Pending Tasks&lt;/td&gt;&lt;td&gt;2015-02-19T12:05:10.531&lt;/td&gt;&lt;td&gt;KERNEL-HT-162-21912450596-18634&lt;/td&gt;&lt;td rowspan=3 colspan=4&gt;INFO - Timeout Start - Timeout Delay : 1000&lt;br&gt;INFO - Data received : ">INFO - Timeout Stop - Timeout Delay : 1000</header>				
Summary	2015-02-19T12:05:10.625	KERNEL-HT-162-21912450596-18634					
Log Files	2015-02-19T12:05:10.625	KERNEL-HT-162-21912450596-18634					
	2015-02-19T12:05:10.734	KERNEL-HT-162-21912450596-18634	INFO - Transmission of the command : (110) LMOT TPSTED /D				
	2015-02-19T12:05:10.734	KERNEL-HT-162-21912450596-18634	INFO - Timeout Start - Timeout Delay : 1000				
MANUAL Download	2015-02-19T12:05:10.797	KERNEL-HT-162-21912450596-18634	INFO - Timeout Stop - Timeout Delay : 1000				
	2015-02-19T12-05-12.918	KERNEL-HT-162-21912450596-18634	INFO - Transmission of the command : (110) EDATE 02 19 15 12 05 12				
		KERNEL-HT-162-21912450596-18634	INFO - Timeout Start - Timeout Delay : 7000				
	2015-02-19T12.05.13.058 KERNEL-HT-162-21912450596-18634 INFO - Timeout Stop - Timeout Delay : 7000						
$(- \vee -)$	ee e LOG_	TALOS_20150219-120000296.XML 2015	5/02/19 12:00:00 to 2015/02/19 12:59:50 418 Ko 🔹				
- 1 -1	Logs Display Selection Services Logs	Level / Communication Time Slot					
	Communication	Trace	Refresh				

### Detailed download reports for each HERA and HESTIA Station TALOS Software is managing.

				TALOS							
Management Cons											
ile ?											
TALOS Setup	Day: - 0	B/01/2015	v +						Refresh		
Talos Services	Station	Relability	FMEM	FIVM	TMBL	FITW	PDSC	CLOCK			
Traffic Station Definitions	ST000001	92 %	1/1	11414	1/1	1/1	1/1	1/1			
Connection Settings	ST000002	32 %	1/3	-	1/1	1/1	1/1	1/1			
Traffic Station Processes	ST000003	81 %	1/1		1/1	1/1	1/1	1/1			
- TALOS Monitoring	ST000004	76 %	1/1		1/1	1/1	1/1	1/1			
Pending Tasks	ST000006	93 %	1/2		1/1	1/1	1/1	1/1			
	ST000008	93 %	1/1		1/1	1/1	1/1	1/1			
Summary	ST000011	90 %	1/1		1/1	1/1	1/1	1/1			
Log Files	ST000012	92 %	1/1		1/1	1/1	1/1	1/1			
	ST000014	79 %	0/28		1/1	1/1	1/1	1/1			
	ST000015	81 %	1/1		1/1	1/1	1/1	1/1			
	ST000016	99 %	1/12		1/1	1/1	1/1	1/1			
	ST000017	82 %	1/1		1/1	1/1	1/1	1/1			
	ST000018	4%	1/1		1/1	1/1	1/1	1/1			
	ST000019	92 %	1/1		1/1	1/1	1/1	1/1			
	ST000020	92 %	1/1		1/1	1/1	1/1	1/1			
	ST000021	80 %	1/1		1/1	1/1	1/1	1/1			
	HT-	100 %									
MANUAL Download											
		File DB Id. Link DB Id. Talos Requested Period Date				Programmed Date Execution Date			Saving Date	Station Downloaded Period Dat	
		FMEM Download 0000 Modem C.			1/8/2015 12:00:00 1/8/2015 3:34:38			2.24.28			
		0000 Modem C			1/8/2015 12:000						
								1/8/2015 5 15 23	01 07 15 01 21 01		
**					1/0/2015	4.43.00	1/0/2013	4.30.33	1/0/2015 5.15.25	010/15 012101	
/	TMRL Downloa										
1	1030 Mod		/8/2015 11:	54:00 PM	1/8/20	15 00:00:10	1/8/201	5 00:00:16	1/8/2015 00:00:19	2015-01-07T00:00:00	
	FITW Download										
0NTROLE 11:50:48	1030 Mod	am C 1	/8/2015 11:	54:00 PM	1/8/20	5 00:00:10	1/8/201	5 00:00:16	1/8/2015 00:00:19	2015-01-07T00.00.00	
11:50:48											