FAQ:

How can a firmware download for SIWAREX FTA be carried out, so that the weighing data remain the same?

Answer:

- 1. You can get the latest firmware from the internet http://support.automation.siemens.com/WW/view/de/17831309/133100
- 2. The calibration switch must be turned upwards.



- 3. Start the program SIWATOOL FTA. The program version must be V2.0.8 or higher. If necessary, use the SIWATOOL Upgrade Version from the internet under above mentioned link.
- 4. Activate SIWATOOL FTA "Online"
- 5. Check data record DR9 (applications- ID) for version recognition, function status, data structure version and correction status.

File Communication View Tools ?		
New Open Save Online Offi	Language Print Display Message Wizard	
SIWAREX FTA SIWAREX FTA Commissioning Joint Adjustment parameter (DR3) Joint Adjustment parameter (DR4) Joint Adjustment (DR4) Joint Adjustment (DR4) Joint Adjustment (DR4) Joint Adjustment (DR5)	••• T T PT D C T	
	CRC Checksum 0x14081A9 Product Info Siemens AG_LBSN000809 Module name SiwarexFTA Application AWI NAWI > xxxx > xxx > xxx	
	Version recognition V Function status 5 Data structure version 3 Correction status 1 Creation date 11.12.2007 Creation time 12:30:00	×
	Send Receive Polling Accept Abort	

6. From version V 4.x.y on: with menu item "Communication" receive all data and then save in a Siwatool file.

Πu	Intitled - SIW/	TOOL	FTA - V. 2.1.9		
File	Communication	View	Tools ?		
	Choose interface				
	Online Offline		Online Offli		
	Receive all data				
	Send all data		ameter (DR3)		
	Sortware 10 (0539)				

 For versions smaller than V 4.x.y: Individually receive data records DS3, DS4, DS7, DS8, DS15, DS20, DS21, DS22, DS23, DS26, DS27, DS40, DS41, DS42, DS43, DS45 and than save in a SIWATOOL file.

Untitled - SIWATOOL FTA - V. 2.1.9				
File Communication View Tools ?				
New Open Save Online Offline	🛕 - 🎒 I Language Print D	isplay Message Wiza	rd	
SIWAREX FTA □ Image: Commissioning Image: Commissioning	+O+ T T Adjustment par	PT D C	Theoret. Adjustment 1	
Application ID (DR9)	110		Calibration parality 2	
Test preparation	Standstill time 1 (mse	c) 1000	Regulations	OIML
Analogue output (DR17) Remote display (DR18) Set weight (DR20)	Standstill range 1	0,02	Weight unit	kg
✓ Load set value (DR21) ✓ Scale param. 1 (DR22) ✓ Scale parameter 2 (DR23) ✓ DS_024_NAME ✓ Monitor	(msec) (msec) Max. neg. weight for zero setting at switching on (%)	10	-	
✓ Process status 1 (DR30) ✓ Process status 2 (DR31) ✓ Statistics (DR32) ✓ Process status int. 1 (DR26) ✓ Process status int. 2 (DR27)	Max. pos. weight for zero setting at switching on (%)	10	_	
☐ 'm Logging ↓ Log text 1 (DR40) ↓ Log text 2 (DR41)	Maximum negative weight zeroing	for 1		
Log text 3 (DR42) Log text 4 (DR43) Log text 4 (DR43)	Maximum positive weight : zeroing	for 3		
String (DR45) Coverview (DR123)	Tare max, weight T- (%)	100	Tara sub/add	subtraktiv
MMC log (DR122) MMC-trace data (DR120)				
Firmware download				
	Send Rec	reive Polling	Accept	Abort

- 8. Set the SIMATIC-CPU in "STOP" mode
- 9. Activate service mode

Untitled - SIWATOOL FTA - V. 2.1.9				
File Communication View Tools ?				
New Open Save Online Offlin	A 75kg Print Display	Message Wizard		
E M SIWAREX FIA	-0- T <u></u> ▼ PT	D C R d	🦹 - 🕂 - 🔛 - 🗉 - 🎚	•
Controlling Controling Controlling Controlling Controlling Controllin	Adjustment parama Filter Info Calibre Standstill time 1 (msec) Standstill range 1 Waiting time at standstill 1 (msec) Max, nag, weight for zero setting at switching on (%)	eter (DR3)	vice mode on (1) vice mode of (2) justment zero valid (3) justment weight 1 valid (4) justment weight 2 valid (5) justment weight 3 valid (6) justment weight 4 valid (7) valid factory settings (8) chowledge error (9) in impedance check (10) it impedance check (10) and-Alone mode off (13) elete slave pointer (14) nard-Alone mode off (13) elete slave pointer (14) gl.Load cell send on (40)	i param. 4
		Dig	git.Load cell send off (41)	
	Max, pos. weight for zero setting at switching on (%)	10		
	Send Receive	Polling Accept	Abort	
Messages:				
Timestamp1 Error type	Error No. Error text			.om./going
	Online		R 251kg	
	lorinite		0 ZUTKg	

10. Start transfer of new firmware (appr. 8min)

Untitled - SIWATOOL FTA - V. 2.1.9 File Communication View Tools ?	
New Open Save Online Offi	ne Language Print Display Message Wizard
SIWAREX FTA	•O+ T T PT D C W 4 Transfer firmware Info Transfer firmware Application ID of the module AWI NAWI xxxx x Application ID of the firmware - - - - - Gl:\ SWFT1_V5-3-1.bin SWFT1_V5-3-1.bin SWFT1_V5-3-1.bin SWFT1_V5-3-1.bin
	Image: Start transfer Start transfer Send Receive Polling Accept

The hook for "Set/Reset download mode" is not set. (It is only to be used if this is the only possibility to start the transfer. After the transfer is finished the hook must be removed)

- 11. Disconnect voltage from S7-300 CPU or ET200M respectively and SIWAREX FTA and turn on both together.
- 12. Activate service mode
- 13. Load factory settings.



14. If "OIML" is set in adjustment parameters (DR3) under calibration parameter 3, first DR 4 and DS 40 ... DS 43 must be sent (due to plausibility check)

File Communication View Tools ? New Open Save Online Offline Language Print Display Message Wizard StWAREX FTA Commissioning Adjustment parameter (DR3) Sake parameter (DR4) Basis parameter (DR4) Basis parameter (DR3) Application 10 (DR9) Text preparation Monitor Process status 1 (DR3) Process status 11. 1 (DR25) Process status int. 2 (DR27) Display Minc Through Minc Throw of the own of the for log output Logging Monitoring Firmware download	Untitled - SIWATOOL FTA - V. 2.1.9				
Lew Der D	File Communication View Tools ?				
Commissioning Adjustment parameter (DR3) Setwore to 6569 Date & Time (DR8) Application ID (DR9) Date & Time (DR8) Application ID (DR9) Monitor Process status 1 (DR30) Process status 11. (DR26) Process status int. 1 (DR26) Send Receive Polling Accept Abort	New Open Save Online Offline	Language Print Displa	y Message	THY R	
Info Type/log Limit values Through-put Application ID (DR8) Application ID (DR3) Info Type/log Limit values Through-put Process status 1 (DR30) Process status 1 (DR30) Process status 2 (DR31) Info Diskontinuous totalizing weighing instr. Image: Comparison of the process status 1 (DR30) Process status (DR32) Process status int. 1 (DR26) Process status int. 2 (DR27) Device for log output Log output to MMC Image: Image download Image download Send Receive Polling Accept Abort	Commisioning Adjustment parameter (DR3) Seferator 10 (6590) Commission parameter (DR4) Interference (DR7)	Basis parameter (DR4)		d" ' 🚢 '
Image: Monitor Operating type/mode Diskontinuous totalizing weighing instr. Image: Process status 2 (DR31) Image: Process status 2 (DR31) Image: Process status int. 1 (DR26) Process status int. 2 (DR27) Image: Process status int. 2 (DR27) Image: Process status int. 2 (DR27) Image: Process status int. 2 (DR27) Image: Process status int. 2 (DR27) Image: Process status int. 2 (DR27) Image: Process status int. 2 (DR27) Image: Process status int. 2 (DR27) Image: Process status int. 2 (DR27) Image: Process status int. 2 (DR27) Image: Process status int. 2 (DR27) Image: Process status int. 2 (DR27) Image: Process status int. 2 (DR27) Image: Process status int. 2 (DR27) Image: Process status int. 2 (DR27) Image: Process status int. 2 (DR27) Image: Process status int. 2 (DR27) Image: Process status int. 2 (DR27) Image: Process status int. 2 (DR27) Image: Process status int. 2 (DR27) Image: Process intervection of the process intervectin of the process intervection of the process intervection of the		Info	Type/log	Limit values	Through-put
Process status int. 2 (DR27) Imaging Image: Second	Monitor Monitor Process status 1 (DR30) Process status 2 (DR31) Statistics (DR32) √ Process status int. 1 (DR26)	operating type/mode	Diskontinuous totalizi	ng weighing instr.	_
Send Receive Polling Accept Abort	↓ ⑦ Process status int. 2 (DR27) ⑦ ☆ Logging MMC ⑧ ☆ Firmware download	Device for log output	Log output to MMC		×
		Send Receive	Polling	Accept	Abort

15. With menu item "Communication" send all data (ignore check sum error, irrelevant)



16. Set the SIMATIC-CPU in "RUN"