

SIUSLoader

Update Firmware

SIUS AG



Contents / Inhaltsverzeichnis

1	START COMMSERVICE	3
2	SIUSLOADER	3
	2.1DOWNLOAD2.1.1Download STM32 (only if necessary) / STM32 Download (nur wenn nötig)	4 5
3	STOP COMMSERVICE	6
4	SPECIAL CASE / SPEZIALFÄLLE	7
	4.1 CU931	7
	4.2 ERROR DOWNLOAD	8
	4.2.1 STM32 download fail / STM32 Download Fehlschlag	8
5	INDEX	10
6	APPENDIX / ANHANG	11
	6.1 SOFTWARE CUOS / STM32 FOR CU951	11
	6.1.1 What is NIOS and STM32 / Was ist NOIS und STM32	11



1 Start CommService

Start CommService / CommService starten



Allgemein Applikation		
Verbindung		
Status:	Start Service	Stopp Service
Dauer:	00:00:00	
Port:	2	
Remote Server Name:	"Nicht verbunden!"	
Remote Server Port:	8085	
Aktivität		
	Gesendet	Empfangen
Pakete:	0	0

2 SIUSLoader

Start SIUSLoader / SIUSLoader starten





2.1 Download

Download with CU951 as example / Download mit dem CU951 als Beispiel

DeviceName 4	 Version 		Node	ProgramName	BuildDate	CI 1051
🔊 🐏 🛕 XLON USB 0		254				- C0931
💿 🖛 🔥 CU951	1.02	Count	10	CU951	OCT 09 16:01:23 2014	NIOS STM32
🖙 🚹 CU951				CU951	OCT 09 16:01:23 2014	
🖙 🚹 CU951				CU951	OCT 09 16:01:23 2014	0%
🖙 🔥 CU951				CU951	OCT 09 16:01:23 2014	Download Status: IsIdle
🖙 🔥 CU951				CU951	OCT 09 16:01:23 2014	
🖙 🔥 CU951					OCT 09 16:01:23 2014	
🖙 🔥 CU951				CU951	OCT 09 16:01:23 2014	
🖙 🛕 CU951				CU951	OCT 09 16:01:23 2014	Version: 1.10 Start Download
🖛 🛕 CU951				CU951	OCT 09 16:01:23 2014	
🖙 🛕 CU951				CU951	OCT 09 16:01:23 2014	
rfirð					Swith Priors	CUSST Release Nation Notes CUSST Release Nation National CUSST == CUSS1 1.1.0 FINAL (Build 11) == Release date: 2015.01.26 Charges since version 1.0.6 Build 57: * Feature #1221: Last impaction from System 7 (code base 7.5(j)) * Registre #1232: Starting since Top System 7 (code base 7.5(j)) * Registre #1232: Target table: 25: Color System 7 (code base 7.5(j)) * Registre #1232: Target table: 25: Color System 7 (code base 7.5(j)) * Registre #1232: Target table: 25: Color System 7 (code base 7.5(j)) * Registre #1232: Eventer 1: 25: (Norway) was not correctly displayed. * Registre #1232: Penter Double column format was not wide enough for the (half-way perforated) thermal paper roll. == CUSS1: 1.0.6 FINAL (Build 57) == Release date: 2015.01.28 Charges since version 1.0.5 Build 26: * Registre #1323: System 7.5c Ultimate Update1, added 10m light signal programs. * Registre #1323: System 7.5c Ultimate Update1, added 10m light signal programs. * Registre #1323: System 7.5c Ultimate Update1, added 10m light signal programs. * Registre #1323: System 7.5c Ultimate Update1, added 10m light signal programs.

Select all device by top-device / Alle Geräte mit dem Top-Gerät anwählen

Select NOIS software and start download / NIOS Software auswählen und Download starten

eviceName	 Version 	Su 🔺	Node	ProgramName	BuildDate	
🐏 🔬 XLON USB 0		254				C0951
🔘 🖛 🔥 CU951	1.02	Count	10	CU951	OCT 09 16:01:23 2014	NIOS STM32
🖙 🔥 CU951				CU951	OCT 09 16:01:23 2014	
🖛 🛕 CU951				CU951	OCT 09 16:01:23 2014	0%
🦛 🚹 CU951				CU951	OCT 09 16:01:23 2014	Download Status: IsIdle
🖛 🛕 CU951				CU951	OCT 09 16:01:23 2014	
두 🚹 CU951				CU951	OCT 09 16:01:23 2014	
🖙 🚹 CU951				CU951	OCT 09 16:01:23 2014	
🖛 🛕 CU951				CU951	OCT 09 16:01:23 2014	Version: 1.10 🔹 🚺 🤇 Start Download
🖙 🚹 CU951				CU951	OCT 09 16:01:23 2014	
🖙 🔼 CU951				CU951	OCT 09 16:01:23 2014	
-feeb					South Devices	BuildDate: 26.03.2015 Lef-Biol CUSS 12 Reason Notes: == CURS1 1.1.0 FINAL (Build 11) == Release date: 2015.03.26 Charges since version 1.0.6 Build 57, Fundors + 1031.Least-representation System 7 (code base 7.5/)) * supple + 1032.Least-representation System 7 (code base 7.5/)) * supple + 1032.Target citcure: 252 Norway) was not correctly daplayed. * Builds # 1403. Target citcure: 252 Norway) was not correctly daplayed. * Builds # 1403. Final citcure and hnoce was man correctly daplayed. * Builds # 1403. Final citcure and hnoce was not correctly daplayed. * Builds # 1413. Final citcure and hnoce was not correctly daplayed. * Builds # 1413. Final citcure and hnoce was not correctly daplayed. * Builds # 1413. Final citcure and hnoce was not correctly daplayed. * Builds # 1413. Final citcure and hnoce was not vide enough for the (half-way perforated) thermal paper rol. Correct daplayed. * Builds # 1432. System version 1.0.5 Build 35: * Feature # 1323. System X 56. Ultimate: Update 1, added 10m light signal programs. * Builds # 1323. System X 56. Ultimate: Update 1, added 10m light signal programs. * Builds # 1323. System X 56. Ultimate: Update 1, added 10m light signal programs.

Attention: Download software can take up to 5 minutes!

Download Status must be "isSuccseeded"!

Achtung: Das Erneuern der Software kann bis zu 5min. dauern!

Download Status muss "isSuccseeded" sein!



SIUSLoader Manual / Anleitung

After Download or search / Nach dem Download oder Suchen

DeviceName	 Version 	Su 🔺	Node	ProgramName	BuildDate	
🖸 🖳 🔗 XLON USB 0						- C0931
💿 🖛 🔗 CU951	1.10	Count	10	CUOS Main	MAR 26 16:37:53 2015	NIOS STM32
🖛 🔗 CU951	1.10			CUOS Main	MAR 26 16:37:53 2015	
🖛 🔗 CU951	1.10			CUOS Main	MAR 26 16:37:53 2015	100%
🕋 🥝 CU951	1.10			CUOS Main	MAR 26 16:37:53 2015	Download Status: IsSucceeded
🖛 🔗 CU951				CUOS Main	MAR 26 16:37:53 2015	
🖙 🔮 CU951				CUOS Main	MAR 26 16:37:53 2015	
🖛 🔮 CU951				CUOS Main	MAR 26 16:37:53 2015	
🖙 🔗 CU951	1.10			CUOS Main	MAR 26 16:37:53 2015	Version: 1.10 - Start Download
🖛 🔗 CU951	1.10			CUOS Main	MAR 26 16:37:53 2015	
🖙 🔗 CU951	1.10			CUOS Main	MAR 26 16:37:53 2015	
						CU351 : Lot FINAL (Build 11) == Release date: 2015.01.05 fBuild 57: "resource 3120 Lost any atom on System 7 (code base 7.5/j)) "builds: 4100: Redect message command is now implemented. "builds: 4100: Redect message command is not into the system. "builds: 4100: Redect message command is not into the reduct of the system. "builds: 4100: Redect and the system is not work enough for the (half-way perforated) thermal paper rol. == CU951: 10.6 FINAL (Build 57) == Release date: 2015.01:28
lefresh					Search Devices	 * Feature #1323: System 7.5e Ultimate Update1, added 10m light signal programs. Bugfix #1302: Solved starting problem for 25m Rapid Fire Pistol. Bugfix #1311: Beeper Self Test was running too fast.

2.1.1 Download STM32 (only if necessary) / STM32 Download (nur wenn nötig)

- **IMPORTANT:** Some STM32 update requires an intermediate version. Please check after update if there a newer version will appear. If there is a newer one, do update once more.

- WICHTIG: Einigen STM32 Update erfordern eine Zwischen Version. Bitte Prüfen Sie, ob nach dem Update eine neuere Version erscheint. Wenn eine neuere Version da ist, Updaten Sie erneut.

eviceName 4	Version	 Node 	ProgramName	BuildDate	CU051
🕖 🖳 🏈 XLON USB 0					C0951
💿 🖛 🔗 CU951					NLOS STM32
🖙 🔗 CU951			CUOS Main	MAR 26 16:37:53 2015	
🖙 🤡 CU951			CUOS Main	MAR 26 16:37:53 2015	0%
🖛 🔗 CU951	1.10		CUOS Main	MAR 26 16:37:53 2015	Download Status: IsIdie
🖙 🤡 CU951	1.10		CUOS Main	MAR 26 16:37:53 2015	
🖙 🤗 CU951			CUOS Main	MAR 26 16:37:53 2015	
🖙 🔗 CU951			CUOS Main	MAR 26 16:37:53 2015	
🖛 🔗 CU951			CUOS Main	MAR 26 16:37:53 2015	Version: 1.03 - Kart Download
🖛 🧭 CU951			CUOS Main	MAR 26 16:37:53 2015	
🖙 🏈 CU951			CUOS Main	MAR 26 16:37:53 2015	
					BuildDate: 06.11.2014 13:20:54 Configuration and Configuration an

- ➔ Proceed with other devices (targets etc.) in the same way / Die anderen Geräten (Scheiben) im gleichen Verfahren erneuern.
- ➔ If all devices are downloaded stop SIUSLoader / Wenn alle Geräte heruntergeladen sind, SIUSLoader beenden



3 Stop CommService

After finishing download stop CommService / Nach Abschluss des Downloads, CommService stoppen

llgemein Applikation		
Verbindung		
Status:	Start Service	Stopp Service
Dauer:	00:29:19	
Port:	4200	
Remote Server Name:	CommService-Ren	noteServer
Remote Server Port:	8085	
Aktivität		
	Gesendet	Empfangen
Pakete:	556	555
	11	()



4 Special case / Spezialfälle

4.1 CU931

Update old CU931 / Alte CU931 erneuern

 \rightarrow Only if 68k download doesn't work / Nur wenn das 68k Erneuern nicht funktioniert

گ SIUS Loader 1.5.0.0	
Device Name Version S.u. Node ProgramName BuildDate Image: State of the s	WE931 6% BBL Download Status: Setting up the Devices for the Download Enable Beta Versions Variant: Version: Download Status: Version: Download Status: Version: Download Version: Download Version: Download Schweizer Version mit kompletter EMO Palette == Refease date: Othanges in version 7.5k: Bug #2033: AR:10/#10 waren bei den Schweizerprogrammen verwechselt Bug #2033: AR:10/#10 waren bei den Schweizerprogrammen verwechselt Bug #2033: AR:10/#10 waren bei den Schweizerprogrammen verwechselt Bug #2033: Der Standardschadt für bestimmte Scheben (z.B. 84) wird jetzt beim ersten Start korrekt übernommen. Feature #2302: Der Bandvorschub kann nun direkt von Sustbata ausgelöst werden. Bahrbefeh I: 7, 215
LCS-Status	

- If the regular download do not start, hangs in waiting / Wenn der reguläre Download nicht startet, bleibt im Wartemodus hängen
- First click "Abort Download" / Zuerst "Abort Downlaod" anklicken
- Select BSL tab and download BSL / Reiter BSL anwählen und den BSL erneuern
- CU931 starts with message "Stand by" / CU931 startet mit der Meldung "Stand by"
- Download 68k software to the CU931 / Erneuern der 68k Software auf den CU931



4.2 Error Download

4.2.1 STM32 download fail / STM32 Download Fehlschlag

When download fail occur, remind device number. In this case number 2 / Wenn der Download fehl schlägt, die Gerätenummer merken. In diesem Fall Nummer 2.

_1 CU951 (12)		25.4				
CU951 (12)		254				C0921
	1.12			CUOS Main	SEP 10 10:48:59 2015	NEOS STM32
🖊 CU951	1.12			CUOS Main	SEP 10 10:48:59 2015	
CU951	1.12			CUOS Main	SEP 10 10:48:59 2015	100%
CU951	1.12			CUOS Main	SEP 10 10:48:59 2015	Download Status: Programming Application Flash Enable Beta Versions
🗸 CU951	1.12	4		CUOS Main	SEP 10 10:48:59 2015	
🗸 CU951	1.12			CUOS Main	SEP 10 10:48:59 2015	
CU951	1.12			CUOS Main	SEP 10 10:48:59 2015	
CU951	1.12			CUOS Main	SEP 10 10:48:59 2015	Version: Abort Download
🗸 CU951	1.12	8		CUOS Main	SEP 10 10:48:59 2015	
🗸 CU951	1.12			CUOS Main	SEP 10 10:48:59 2015	
🗸 CU951	1.12	10		CUOS Main	SEP 10 10:48:59 2015	Version: 2.0.0
CU951	1.12			CUOS Main	SEP 10 10:48:59 2015	BuildDate: 16.12.2015 13:18:14
CU951	1.12			CUOS Main	SEP 10 10:48:59 2015	
HS2550 (3.0g			HS2550-Sport	2015.03.25 11:49:44	ATTENTION: This is an intermediate version for HW+Patch recognition and should be updated again!
SNI210 (1)						
H	CU951 CU951 CU951 CU951 CU951 CU951 CU951 CU951 CU951 S2550 (NI210 (1)	CU951 1.12 CU951 1.12 S2550 (3.0g WI210 (1)	CU951 1.12 4 CU951 1.12 5 CU951 1.12 6 CU951 1.12 7 CU951 1.12 8 CU951 1.12 9 CU951 1.12 9 CU951 1.12 10 CU951 1.12 11 CU951 1.12 12 S2550 (30g WI210 (1)	CU951 1.12 4 1 CU951 1.12 5 1 CU951 1.12 6 1 CU951 1.12 6 1 CU951 1.12 7 1 CU951 1.12 9 1 CU951 1.12 10 1 CU951 1.12 10 1 CU951 1.12 11 1 CU951 1.12 12 1 S2550 3.0g HI210 (1)	CU951 1.12 4 1 CUOS Main CU951 1.12 5 1 CUOS Main CU951 1.12 6 1 CUOS Main CU951 1.12 6 1 CUOS Main CU951 1.12 7 1 CUOS Main CU951 1.12 9 1 CUOS Main CU951 1.12 9 1 CUOS Main CU951 1.12 10 1 CUOS Main CU951 1.12 10 1 CUOS Main CU951 1.12 11 1 CUOS Main CU951 1.12 12 1 CUOS Main CU951 1.12 12 1 CUOS Main S2550 (3.0g HS2550-Sport S2550 Sport VI210 (1)	CU951 1.12 4 1 CUOS Main SEP 10 10:48:59 2015 CU951 1.12 5 1 CUOS Main SEP 10 10:48:59 2015 CU951 1.12 6 1 CUOS Main SEP 10 10:48:59 2015 CU951 1.12 7 1 CUOS Main SEP 10 10:48:59 2015 CU951 1.12 7 1 CUOS Main SEP 10 10:48:59 2015 CU951 1.12 8 1 CUOS Main SEP 10 10:48:59 2015 CU951 1.12 9 1 CUOS Main SEP 10 10:48:59 2015 CU951 1.12 10 1 CUOS Main SEP 10 10:48:59 2015 CU951 1.12 10 1 CUOS Main SEP 10 10:48:59 2015 CU951 1.12 11 CUOS Main SEP 10 10:48:59 2015 CU951 1.12 12 1 CUOS Main SEP 10 10:48:59 2015 S2550 (3.0g H52550-Sport 2015.03.25 11:49:44 M1210 (1) M1210 (1)

Press "Abort Download" / "Abort Download" drücken

Device Name 🔺	Version	S 🔺	Node	ProgramName	BuildDate	
🗵 🖳 🔥 SNI_1		254				C0321
🕞 🖛 🔼 CU951 (12)						1405 STM32
🖙 🛕 CU951						
🖛 🛕 (51051						0%
🖙 🛕 CU951						Download Status: Download aborted Enable Beta Versions
🗢 🙆 CU951		4				
CU951						
🖙 🛕 CU951						
🖙 🔼 CU951						Version: 2.0.0 + Start Download
🖙 🙆 CU951						
🖛 🛕 CU951						
CU951		10				Version: 2.0.0 BuildDate: 16.12.2015 13:18:14
🗢 🛕 CU951		11				
A CU951		12				ATTENTION: This is an intermediate version for HW-Patch recognition and should be updated again!
🕒 💽 🔼 HS2550 (3.0g			HS2550-Sport	2015.03.25 11:49:44	A TERMENT FOR THE REPORT OF THE REPORT OF THE PROPERTY OF THE
💿 🖳 🚹 SNI210 (1)						
efresh					Search Devices	

All devices report fail / Alle Geräte melden einen Fehler

Disconnect and reconnect device with error from power / Das Gerät mit dem Fehler aus- und wieder einschalten.



Select the device and start download again / Das Gerät selektieren und erneut herunter laden

evice Name 🔺	Version	S 🔺	Node	ProgramName	BuildDate	CU051
🔮 🛕 SNI_1		254				C0901
😒 🖛 🚦 CU951 (12)						NICS STM32
🖙 🛕 CU951		1	1			
er 🖡 CU951		2		[22%
🖙 🛕 CU951						Download Status: Downloading Data Enable Beta Versions
🛆 CU951						
- 🔶 CU951						
🔼 CU951		6				
- 🔥 CU951						Version: Abort Download
- 🛆 CU951		8				
🖙 🛕 CU951		9				
- A CU951		10				BuildDate: 16, 12, 2015 13:18:14
- 🔥 CU951		11				
A CU951		12				ATTENTION: This is an intermediate version for HW-Patch recognition and should be updated again!
HS2550 (3.0g			HS2550-Sport	2015.03.25 11:49:44	
(i) 🔮 🛕 SNI210 (1)						

After the successful download the green checkmark appear / Nach einem erfolgreichen Download erscheint das grüne Häkchen

	 Version 5 	🔺 🛛	Node	ProgramName	BuildDate	
🕖 🖳 🔥 SNI_1		54				C0931
🛞 🖛 🗸 CU951 (12						NEOS STM32
🐖 🛕 CU951			1			
🛹 🍼 CU951						100%
🐖 🛕 CU951						Download Status: Download succeeded Enable Beta Versions
💬 🛕 CU951	4					
🖛 🛕 CU951	5					
🥌 🛕 CU951	e					
- 🔼 CU951	7					Version: 2.0.0 - Start Download
🦟 🔬 CU951	8					
🖙 🔼 CU951	2					
🖙 🛕 CU951		.0				Version: 2.0.0 BuildDate: 16 12 2015 13:18:14
🖙 🙆 CU951						Description and an and an and an
🖙 🛕 CU951	1					ATTENTION: This is an intermediate version for JAN Datch recognition and should be undated again.
🕘 💽 🛕 HS2550 (. 3.0g			HS2550-Sport	2015.03.25 11:49:44	Arrention. This is an intermediate version for nov-rate frecognition and should be updated again
🕘 💐 🛕 SNI210 (1)						



4

5 Index

С

2
7
11

D

Download

Ε

Error Download	8
S	
SIUSLoader	3
Special case / Spezialfälle	7
Start CommService	3
STM32	11
Stop CommService	6



- 6 Appendix / Anhang
- 6.1 Software CUOS / STM32 for CU951



6.1.1 What is NIOS and STM32 / Was ist NOIS und STM32

The NIOS software (red) is the main software for operating. You will also called CUOS (CU Operating System). The main software changes new features and bug fixes.

The STM32 software (blue) is used for communication between the CU951 and the periphery (touch, printer, RC211 etc.). The name comes from the STM32 used chip type. This software changes not often. Only when a new external device is developed or an error has been detected, a new version is created.

It is necessary to check NOIS and STM32 software for latest release in case of doing an update.

Die NIOS Software (rot) ist die Hauptsoftware für die Bedienung. Sie wird auch CUOS (CU Operating System) genannt. Die Hauptsoftware ändert bei neunen Funktion und bei behobenen Fehlern. Die STM32 Software (blau) ist für die Kommunikation zwischen dem CU951 und der Peripherie (Touch, Drucker, RC211 etc.). Die Bezeichnung STM32 stammt vom verwendeten Bauteil Typ. Diese Software ist nur wenig zu erneuern. Nur wenn ein neues externes Gerät entwickelt wird oder ein Fehler festgestellt wurde, wird eine neue Version erstellt.

Es ist bei einem Update in jedem Fall bei der NOIS und der STM32 Software auf Aktualität zu prüfen.