

Table Content

I.	Intruction	2
II.	Product Info	2
III.	System Architecture	2
IV.	NUUO Bridge_TCP Server_Paxton Setup	3
V.	NUUO Server Configuration	10
VI.	Installation Scenarios	13
VII	. Event Support List	14



I. Intruction

Paxton Access Control System has been integrated with *NUUO Crystal Titan and MainConsole* (NVR IP+, Hybrid NDVR, DVR card), coporating to provide an interface between the two platforms, to provide access control metadata and events for NUUO solutions.

NUUO – Paxton interface allows access device information and events from *Paxton* server to be accessed within the *NUUO* Software.

II. Product Info

Item	Version	Compatible Server
		- Paxton Net2 v5
NUUO Bridge_TCP Server_Paxton	V1.0	- NUUO Mainconsole v5.0.12 and above
		- NUUO Crystal Titan v2.0 and above
ACTOPOliant Crystal2 0	1/2 1 0	- Paxton Net2 v5
ACTOPOlient_Crystal2.0	VZ.1.0	- NUUO Crystal Titan v2.0 and above

III. System Architecture





IV. NUUO Bridge_TCP Server_Paxton Setup

Step 1: Download NUUO Bridge_TCP Server_Paxton v1.0 .zip from NUUO website and unzip the file.

Step 2: Install NUUO Bridge Software in any Windows based PC which could be NUUO Mainconsole server, Paxton Net2 server or a separated server.

Note:

- (1) Windows based PC could be 32bits and 64bits
- (2) Each Bridge only can connect with single Paxton Server.
- (3) Only ONE Bridge can run on single server
- (4) For different user scenarios, please refer to Chapter VI "Installation Scenarios"

Step 3: Launch NUUO Bridge_TCP Server_Paxton .exe

퉬 Log	2014/4/3 下午 05	檔案資料夾	
🚳 CenterWinDialog.dll	2014/4/3 下午 04	應用程式擴充	6 KB
ip_user.cfg	2014/4/3 下午 05	CFG 檔案	1 KB
🚳 ListViewEx.dll	2014/4/3 下午 03	應用程式擴充	24 KB
🚳 log4net.dll	2012/10/3 下午 0	應用程式擴充	292 KB
NUUO Bridge_TCP Server_Paxton.exe	2014/4/3 下午 04	應用程式	79 KB
NUUO Bridge_TCP Server_Paxton.exe	2014/3/24 下午 0	CONFIG 檔案	1 KB
Paxton.Cryptography.dll	2014/1/31 上午 0	應用程式擴充	46 KB
Paxton.Net2.OEMClientLibrary.dll	2014/3/24 下午 0	應用程式擴充	406 KB
Paxton.Net2.Utils.dll	2014/1/31 上午 0	應用程式擴充	214 KB
Paxton.Remoting.Channel.dll	2014/3/3 下午 04	應用程式擴充	64 KB
Naxton.Remoting.RemotingLayerInterf	2014/1/31 上午 0	應用程式擴充	49 KB
ltcpServer.dll	2014/4/3 下午 04	應用程式擴充	15 KB

Step 4: Login Paxton Server.

Insert Server address, Username and Password of Paxton Server

Login Paxton Server	
Login Paxton Server	
Server address:	10.0.9.30
Username:	Piz
Password:	****
	Login

Note: If NUUO Bridge is installed with Paxton Server, user may insert the Server address as "127.0.0.1" or "localhost".



Step 5: Check the **"Bridge IP Address"**, **"Paxton server Address"** and **"Server connection status"** between NUUO Bridge and Paxton Net2 server.

[1]	Connected
-----	-----------

NUUO Bridge_TCP Server	ver_Paxton			X
Bridge IP Address: 10.0.13 Paxton server Address: 10.0 Channel list:	1.129 1.9.30			
Select All		Refresh	Start	
Door name	Serial number	Port	TCP Server Status	
ACU 23213452	023213452	6656 🌲	Stopped	
ACU 24252414	024252414	6657 🌻	Stopped	
ACU 24523452	024523452	6651 🌻	Stopped	
ACU 24524523	024524523	6653 🌻	Stopped	
CU 24524524	024524524	6654 🌻	Stopped	
🔳 ACU 33333333	03333333	6645 🌻	Stopped	=
CU 34523413	034523413	6646 🌻	Stopped	
CU 34523423	034523423	6642 🌻	Stopped	
CU 34534534	034534534	6644 🌻	Stopped	
CU 34562452	034562452	6652 🛊	Stopped	
CU 45322345	045322345	6655 🛊	Stopped	
ACU 45632523	045632523	6649 🌻	Stopped	
CU 53453222	053453222	6643 🌻	Stopped	
CU 56323423	056323423	6647 🌲	Stopped	
CU 56563452	056563452	6648 🌻	Stopped	-
Server connection state	us: 🤗 Connecte	d	Clos	3e
•				

[2] Connecting

& Connecting.....



Bridge IP Address: 10.0.1 Paxton server Address: 10. Channel list:	3.129 0.9.30			
💽 Select All 🚺	Deselect All	Refresh	庨 Start	
Door name	Serial number	Port	TCP Server Status	
CU 23213452	023213452	6656 🔮	Stopped	
ACU 24252414	024252414	6657	Stopped	
ACU 24523452	024523452	6651 🔮	Stopped	
ACU 24524523	024524523	6653	Stopped	
ACU 24524524	024524524	6654 🔮	Stopped	
📃 ACU 33333333	03333333	6645 🔮	Stopped	Ξ
ACU 34523413	034523413	6646 🔮	Stopped	
ACU 34523423	034523423	6642 📑	Stopped	
📃 ACU 34534534	034534534	6644 📑	Stopped	
ACU 34562452	034562452	6652 📑	Stopped	
📃 ACU 45322345	045322345	6655 📑	Stopped	
📃 ACU 45632523	045632523	6649 📑	Stopped	_
📃 ACU 53453222	053453222	6643 📑	Stopped	
📃 ACU 56323423	056323423	6647 📑	Stopped	
CU 56563452	056563452	6648	Stopped	
Server connection stat	us: 🔗 Connecte	1	Clos	æ

Step 6: Configure Port for NUUO recording server connection



	Ste	p 7:	Select th	he door	you wan	t to conn	ect with	NUUO	recording	server
--	-----	------	-----------	---------	---------	-----------	----------	------	-----------	--------

2	NUUO Bridge_TCP Serve	er_Paxton			x
	Bridge IP Address: 10.0.13. Paxton server Address: 10.0. Channel list:	129 9.30			
	💽 Select All 🔀	Deselect All	Refresh	▶ Start	
	Door name	Serial number	Port	TCP Server Status	*
	ACU 23213452	023213452	6656 🔹	Stopped	
	ACU 24252414	024252414	6657 🌻	Stopped	
	CU 24523452	024523452	6651 🌻	Stopped	
	CU 24524523	024524523	6653 🛊	Stopped	
	CU 24524524 ACU 24524524	024524524	6654 🌲	Stopped	
	🔲 ACU 33333333	033333333	6645 🌻	Stopped	=
	🔲 ACU 34523413	034523413	6646 🌻	Stopped	
	🔲 ACU 34523423	034523423	6642 🌻	Stopped	
	🔲 ACU 34534534	034534534	6644 🌻	Stopped	
	🔲 ACU 34562452	034562452	6652 🌻	Stopped	
	🔲 ACU 45322345	045322345	6655 🌻	Stopped	
	🔲 ACU 45632523	045632523	6649 🌻	Stopped	
	🔲 ACU 53453222	053453222	6643 🖨	Stopped	
	CU 56323423	056323423	6647 🛊	Stopped	
	CU 56563452	056563452	6648 🛊	Stopped	-
	Server connection status	s: 🤗 Connecte	d		
	0			Clo	æ

Note: If none of the door is selected, user cannot run the service.



Step 8: Click "Start" to run the metadata transmitting service

Deselect All	Refresh		▶ Start	
Serial number	Port		TCP Server Status	
023213452	6656	*	Stopped	
024252414	6657	*	Stopped	
024523452	6651	*	Stopped	
024524523	6653	*	Stopped	
024524524	6654	*	Stopped	
03333333	6645	*	Stopped	Ξ
034523413	6646	*	Stopped	
034523423	6642	-	Stopped	
034534534	6644	*	Stopped	
034562452	6652	*	Stopped	
045322345	6655	-	Stopped	
045632523	6649	*	Stopped	
053453222	6643	*	Stopped	
056323423	6647	-	Stopped	
056563452	6648	*	Stopped	-
	Deselect All C Serial number 023213452 024252414 024523452 024524523 024524524 03333333 034523413 034523413 034523423 034534534 034562452 045322345 045632523 053453222 056623452 056633452	Deselect All Refresh Serial number Port 023213452 6656 024252414 6657 02452452 6651 024524523 6653 024524524 6654 03333333 6645 034523413 6645 034523423 6642 034523423 6645 034523423 6645 034523423 6642 034523423 6645 034523423 6645 034523423 6645 034523423 6645 034523423 6642 034523423 6645 0345223423 6647 053453223 6643 053453224 6643 056323423 6647 056323423 6648 056325452 6658 056325452 6648	Deselect All C Refresh 023213452 6656 • 023213452 6656 • 02452414 6657 • 02452452 6651 • 02452452 6653 • 02452452 6654 • 03333333 6645 • 03452452 6654 • 03452453 6654 • 03452452 6654 • 03452453 6645 • 03452452 6652 • 03452452 6655 • 034522452 6655 • 034522452 6655 • 045322345 6655 • 04532523 6649 • 053453222 6643 • 05323423 6647 • 05632542 6648 •	Deselect All C Refresh Start 023213452 6656 \$ Stopped 02452414 6657 \$ Stopped 024523452 6651 \$ Stopped 02452452 6653 \$ Stopped 02452452 6653 \$ Stopped 02452452 6654 \$ Stopped 024524524 6654 \$ Stopped 03333333 6645 \$ Stopped 034523413 6646 \$ Stopped 034523423 6642 \$ Stopped 03452452 6652 \$ Stopped 03452453 6654 \$ Stopped 03452452 6655 \$ Stopped 03452452 6655 \$ Stopped 03452245 6655 \$ Stopped 03452245 6655 \$ Stopped 03452245 6655 \$ Stopped 03452245 6655 \$ Stopped 03452452 6643 \$ Stopped 053453222 6643 \$ Stopped 053453223 6647

Step 9: Click "Refresh" to synchronize the door list on Paxton Server. (Optional)

hannel list:				
🔰 Select All 🛛 🛛	🗙 Deselect All 🔽	Refresh	庨 Start	
Door name	Serial number	Port	TCP Server Status	
ACU 23213452	023213452	6656	Stopped	
ACU 24252414	024252414	6657	Stopped	
ACU 24523452	024523452	6651	Stopped	
ACU 24524523	024524523	6653	Stopped	
ACU 24524524	024524524	6654	Stopped	
🗌 ACU 33333333	03333333	6645	Stopped	
🗌 ACU 34523413	034523413	6646	Stopped	
ACU 34523423	034523423	6642	Stopped	
🗌 ACU 34534534	034534534	6644	Stopped	
🗌 ACU 34562452	034562452	6652	Stopped	
🗌 ACU 45322345	045322345	6655	Stopped	
ACU 45632523	045632523	6649	Stopped	
🗌 ACU 53453222	053453222	6643	Stopped	
🗌 ACU 56323423	056323423	6647	Stopped	
ACII 56563452	056563452	6648	Stopped	



Step 10: Click "About" icon to check software info.



Step 11: Overview the status of each door by showing "Stopped" or "Running"

Bridge IP Address: 10.0.13.129 Paxton server Address: 10.0.9.30 Channel list Select All Or Refresh Stop Ooor name Serial number Port TCP Server Status ACU 23213452 023213452 6656 Running ACU 2452454 02452414 6657 Running ACU 2452452 024523452 024523452 6653 Running ACU 2452452 024522452 024522452 024522452 024522452 024522452 024522452 024522452 024522452 024522452 024522452 024522452 024522452 024522452 024522452 024522452 024522452 024522452 024522452 024522452 02452242 Running ACU 345322345 024522452 0245223 0245223 0245223 024522 024522 024522 024522 024522 02452 Running ACU 34532234 0245223 0245223 024522 02452 Running ACU 4532234 0245223 024522 024522 02452 Running ACU 4532234 02532322 05323423 05632342 02532322 023453 02532342 02532342 02532342 02532342 02532342 0253234 025323 02532342 025323 02532342 02532342 025323 02532342 02532342 02532342 025323 02532342 02532342 02532342 025323 02532342 02532342 025323 02532342 02532342 02532342 025323 02532342 025323 02532342 02532342 02532342 025323 02532342 02532342 02532342 0253234 0253234 0253234 0253234 0253234 0253234 0253234 0253234 0253234 025323 0253234 02532 02532 02533 02532 02533 02532	NUUO Bridge_TCP Sen	ver_Paxton			
Paxton server Address: 10.0.9.30 Channel list:	Bridge IP Address: 10.0.13	.129			
Channel list: Select All C Refresh Stop Door name Serial number Port TCP Server Status V ACU 23213452 023213452 6656 Running V ACU 2452414 024252414 6657 Running V ACU 2452452 02452452 6651 Running V ACU 24524524 024524524 6654 Running V ACU 34523413 034523413 6645 Running V ACU 34523423 034523423 6642 Running V ACU 3452345 04532523 6655 Running V ACU 3452345 04532523 6643 Running V ACU 4532523 045632523 6643 Running V ACU 5653452 056563452 6643 Running V ACU 56533452 <th>Paxton server Address: 10.0</th> <th>1.9.30</th> <th></th> <th></th> <th></th>	Paxton server Address: 10.0	1.9.30			
Select All Select All Refresh Stop Door name Serial number Port TCP Server Status V ACU 23213452 023213452 6656 Running V ACU 24252414 024252414 6657 Running V ACU 24524523 024524523 6651 Running V ACU 24524524 024524523 6653 Running V ACU 24524524 024524524 6654 Running V ACU 24524524 024524524 6654 Running V ACU 24524524 024524524 6654 Running V ACU 34523413 034523413 6645 Running V ACU 34523423 034523423 6642 Running V ACU 34523423 03452345 6655 Running V ACU 3452345 04532523 6649 Running V ACU 4532523 045632523 6647 Running V ACU 5653452 05653452 6648 Running V ACU 56563452 05653452	Channel list:				
Select All Deselect All Refresh Stop Door name Serial number Port TCP Server Status Running ACU 23213452 023213452 6656 Running ACU 2452414 024252414 6657 Running ACU 2452452 024523452 6651 Running ACU 24524523 024524523 6653 Running ACU 24524524 024524524 6654 Running ACU 24524524 024524524 6654 Running ACU 24524524 024524524 6654 Running ACU 34523413 034523413 6645 Running ACU 34523423 034523423 6642 Running ACU 34523453 034534534 6644 Running ACU 345232345 04532523 6655 Running ACU 4532523 045632523 6649 Running ACU 53453222 053453222 6643 Running ACU 56323423 056323423 6647 Running ACU 56563452					
Door name Serial number Port TCP Server Status ✓ ACU 23213452 023213452 6656 Running ✓ ACU 23213452 024252414 6657 Running ✓ ACU 24523452 024523452 6651 Running ✓ ACU 24524523 024524523 6653 Running ✓ ACU 24524524 024524523 6653 Running ✓ ACU 24524523 024524523 6654 Running ✓ ACU 34523452 024524524 6654 Running ✓ ACU 34523453 034523413 6645 Running ✓ ACU 34523453 034523423 6642 Running ✓ ACU 34523453 034523453 6644 Running ✓ ACU 34562452 034562452 6655 Running ✓ ACU 45322345 04532523 66655 Running ✓ ACU 4532523 045632523 6643 Running ✓ ACU 5653452 0	Select All	Deselect All	5 Refresh	E Stop	
V ACU 23213452 023213452 6656 Running V ACU 24252414 024252414 6657 Running V ACU 24523452 024523452 6651 Running V ACU 24524523 024524523 6653 Running V ACU 24524524 024524524 6654 Running V ACU 34523413 034523413 6646 Running V ACU 34523423 034523423 6642 Running V ACU 34523453 03452452 6655 Running V ACU 34523453 03452452 6655 Running V ACU 34522345 04562452 6655 Running V ACU 45322345 045632523 6643 Running V ACU 56323423 056323423 6647 Running V ACU 565633452 056563452 6648 Running V ACU 565633452 056563452 6648 Running V ACU 565633452	Door name	Serial number	Port	TCP Server Status	^
V ACU 24252414 024252414 6657 • Running V ACU 24523452 024523452 6651 • Running V ACU 24524523 024524523 6653 • Running V ACU 24524524 024524524 6654 • Running V ACU 24524524 024524524 6654 • Running V ACU 24524524 024524524 6654 • Running V ACU 34523413 034523413 6646 • Running V ACU 34523423 034523423 6642 • Running V ACU 34523453 03452452 6652 • Running V ACU 34532450 034522452 6655 • Running V ACU 34532450 04532523 6655 • Running V ACU 4532523 045632523 6643 • Running V ACU 56323423 056323423 6647 • Running V ACU 56563452 05563452 6648 • Running V ACU 56563452 05565452 6648 • ACU 56563452 0566	📝 ACU 23213452	023213452	6656 🛔	Running	
ACU 24523452 024523452 6651 Running ACU 24524523 024524523 024524523 0653 Running ACU 24524524 024524524 0654 Running ACU 3333333 03333333 034523413 0645 Running ACU 34523413 034523423 06642 Running ACU 34523453 034523453 6644 Running ACU 45322345 04532523 056323423 056563452 056663452 056563452	📝 ACU 24252414	024252414	6657 🍦	Running	
ACU 24524523 024524523 6653 Running ACU 24524524 024524524 0654 Running ACU 3333333 03333333 034523413 0645 Running ACU 34523413 034523423 0646 Running ACU 34523423 034523423 034523423 0642 Running ACU 3452345 03452345 6652 Running ACU 34534534 03452245 6655 Running ACU 45322345 04532523 04532523 04532523 045632523 045632523 045632523 045632523 06443 Running ACU 56323423 056323423 06647 Running ACU 56563452 056563452 06648 Running ACU 56563452 056563452 <li< td=""><td>📝 ACU 24523452</td><td>024523452</td><td>6651 🍦</td><td>Running</td><td></td></li<>	📝 ACU 24523452	024523452	6651 🍦	Running	
ACU 24524524 024524524 6654 Running ACU 3333333 03333333 6645 Running ACU 34523413 034523413 6646 Running ACU 34523423 034523423 6642 Running ACU 34523453 034523453 6644 Running ACU 34534534 034522452 6652 Running ACU 45322345 04532535 6655 Running ACU 45632523 045632523 6649 Running ACU 53453222 053453222 6643 Running ACU 56563452 056563452 6647 Running ACU 56563452 056563452 6648 Running ACU 56563452 056563452 6648 Running ACU 56563452 056563452 056563452 056563452 056563452 056563452 056563452 05663452 056563452 056563452 056563452 056563452 056563452 056563452 056563452 056563452 056648 Running 056563452<!--</td--><td>📝 ACU 24524523</td><td>024524523</td><td>6653 🍦</td><td>Running</td><td></td>	📝 ACU 24524523	024524523	6653 🍦	Running	
ACU 33333333 033333333 6645 Running ACU 34523413 034523413 034523423 034523423 034523423 6644 Running ACU 34523453 03452452 6652 Running ACU 45322345 045322345 6655 Running ACU 45632523 045632523 6649 Running ACU 53453222 053453222 6643 Running ACU 5663452 056323423 6647 Running ACU 56563452 056323423 6647 Running ACU 56563452 056563452 6648 Running ACU 56563452 056563452 05663452 056648 Running 045656563452	📝 ACU 24524524	024524524	6654 🌻	Running	
ACU 34523413 034523413 6646 Running ACU 34523423 034523423 6642 Running ACU 34534534 034534534 6644 Running ACU 34532345 034562452 6652 Running ACU 34562452 034562452 6655 Running ACU 45322345 045322345 6655 Running ACU 53623222 053453222 6643 Running ACU 53623423 056323423 66647 Running ACU 56563452 056323423 6647 Running ACU 56563452 056323423 6648 Running ACU 56563452 056323423 6647 Running ACU 56563452 056323423 6648 Running ACU 56563452 05663452 6648 Running ACU 56563452 0566455 Connected Close	📝 ACU 33333333	033333333	6645 🌲	Running	Ξ
V ACU 34523423 034523423 6642 • Running V ACU 34534534 034534534 6644 • Running V ACU 34534534 034534534 6644 • Running V ACU 34534534 034534534 6652 • Running V ACU 34562452 034562452 6655 • Running V ACU 45632523 045632523 6649 • Running V ACU 53453222 053453222 6643 • Running V ACU 56323423 056323423 6647 • Running V ACU 56563452 05634552 6648 • Running V ACU 56563452 056563452 6648 • Running Server connection status: Connected Close	📝 ACU 34523413	034523413	6646 🌲	Running	
V ACU 34534534 034534534 6644 • Running V ACU 34562452 034562452 6652 • Running V ACU 45322345 045322345 6655 • Running V ACU 45322345 045632523 6649 • Running V ACU 53453222 053453222 6643 • Running V ACU 5663452 056323423 66647 • Running V ACU 56563452 0563452 6648 • Running V ACU 56563452 0563452 6648 • Running	📝 ACU 34523423	034523423	6642 🌲	Running	
✓ ACU 34562452 034562452 6652 ♣ Running ✓ ACU 45322345 045322345 6655 ♣ Running ✓ ACU 4532223 045632523 6649 ♣ Running ✓ ACU 53453222 053453222 6643 ♣ Running ✓ ACU 56323423 056323423 6647 ♣ Running ✓ ACU 56563452 056323423 6648 ♣ Running ✓ ACU 56563452 05663452 6648 ♣ Running ✓ Server connection status: ✓ Connected Close	📝 ACU 34534534	034534534	6644	Running	
✓ ACU 45322345 045322345 6655	📝 ACU 34562452	034562452	6652	Running	
✓ ACU 45632523 045632523 6649	📝 ACU 45322345	045322345	6655	Running	
Image: ACU 53453222 053453222 0543 Image: ACU 56323423 Running Image: ACU 56563452 056563452 6648 Image: ACU 56563452 Running Image: ACU 56563452 056563452 6648 Image: ACU 56563452 Running Image: ACU 56563452 056563452 6648 Image: ACU 56563452 Running Image: ACU 56563452 056563452 Connected Image: ACU 56563452 Image: ACU 56563452 Image: ACU 56563452 056563452 056563452 Connected Image: ACU 56563452	V ACU 45632523	045632523	6649	Running	
Image: ACU 56323423 056323423 05647 Running Image: ACU 56563452 056563452 6648 Running Image: ACU 56563452 056563452 6648 Image: ACU 56563452 Server connection status: Image: ACU 56563452 Connected	V ACU 53453222	053453222	6643	Running	
ACU 56563452 056563452 b648 Running Server connection status: Connected	V ACU 56323423	056323423	6647	Running	
Server connection status: 🔗 Connected	M ACU 56563452	056563452	0048	Running	-
Close	Server connection state	us: 🤗 Connec	ted		
				Close	
	1				,



Step 12: Click "_" to minimize the Bridge service window to Running Service

~	NUUO Bridge_TCP Sen	ver_Paxton				x							
	Bridge IP Address: 10.0.13	3.129											
	Paxton server Address: 10.0	0.9.30											
	Channel list												
	Select All	Deselect All	C Refresh		Start								
	Door name	Serial number	Port		TCP Server Status	-	1						
	CU 23213452	023213452	6656	<u>۽</u>	Stopped								
	CU 24252414	024252414	6657	4	Stopped								1
	CU 24523452	024523452	6651	\$	Stopped						-	a	
	CU 24524523	024524523	6653	-	Stopped					000	<u>-</u>	9	
	CU 24524524	024524524	6654	*	Stopped								
	ACU 33333333	033333333	6645	÷	Stopped	E			Þ	O			
	ACU 34523413	034523413	6646	÷	Stopped			10	U				
	ACU 34523423	034523423	6642	÷	Stopped			•	-	-	_	~	
	E ACU 34534534	034534534	6644	÷	Stopped			- 18	9	2	Q	- U	
	E ACU 34562452	034562452	6652	4	Stopped			_					
	E ACU 45322345	045322345	6655	\$	Stopped								
	ACU 45632523	045632523	6649	÷	Stopped				2000				
	ACU 53453222	053453222	6643		Stopped								
	ACU 56323423	056323423	6647	-	Stopped								
	ACU 56563452	056563452	6648	÷	Stopped	-				白訂			
	Server connection status: Connected												
	0				Clos	e		(CH 🚝		Ċ,	* 💽	.atl

Step 13: Click "Close" or "X" to turn off the Bridge service. (Optional)

NUUO Bridge_TCP Serv	er_Paxton				x		
Bridge IP Address: 10.0.13.129							
- Perton server Address 10.0.0.30							
Change Dist							
Channel fist.							
💽 Select All 🔀	Deselect All	5 Refresh		Start			
Door name	Serial number	Port		TCP Server Status	-		
CU 23213452	023213452	6656	*	Stopped			
CU 24252414	024252414	6657	*	Stopped			
CU 24523452	024523452	6651	*	Stopped			
CU 24524523	024524523	6653	*	Stopped			
CU 24524524	024524524	6654	*	Stopped			
📃 ACU 33333333	033333333	6645	*	Stopped	=		
📃 ACU 34523413	034523413	6646	*	Stopped			
CU 34523423	034523423	6642	*	Stopped			
CU 34534534	034534534	6644	*	Stopped			
🔲 ACU 34562452	034562452	6652	*	Stopped			
CU 45322345	045322345	6655	*	Stopped			
CU 45632523	045632523	6649	*	Stopped			
🔲 ACU 53453222	053453222	6643	*	Stopped			
🔲 ACU 56323423	056323423	6647	*	Stopped			
CU 56563452	056563452	6648	*	Stopped	-		
Server connection status: Connected Close							



V. NUUO Server Configuration

1. Crystal Titan

Step 1: Download ACTCPClient_Crystal2.0 .nmp from NUUO website.
 Step 2: Upload "ACTCPClient_Crystal.nmp" to Metadata server

nυ	UO [™]				🔧 🗖 (
€ ~ 6 ⁺ 10				Liv	Live View Playback Config				
	NVR Management Server	Prope Select	rties Plugin Overview Name SCB-C31 POS TCP Client AC TCP Client	LN Version 200.9 200.9 100.0	Live View Playback Config ce Oveniew Event Action Install Plugin Look in: C:USersluser/Desktop • • • • • • • • • • • • • • • • • • •	X T Open			
	+- <u></u> ≙↓ ♪ ≒	+ -			Files of type: Plugin files(*.nmp)	Cancel .:			
	/04/12 Time: 12:01:44 Username: admin Server a	ddress: 10.0.8	.6:5250 CPU loading: 3%		emory usage: Total 6044MB Free 2783MB Network: Displayed streaming bit rate 0.00 kbps				

Step 3: Run "NUUO Bridge_AC_Paxton .exe" and add Metadata Source.

Metadata source = Paxton door TCP Server IP = Bridge IP Address TCP Server Port = Door Port





Step 4: Configure filter, display format and event/action Refer to <u>Crystal_User_Manual</u> Chapter "**10.1.3. Configure Metadata Server**".

nυ	UO [™]	4	0 📮 🗸
🥪 🗸	et 19	Live View Playback Config	
	 Image NVR Management Server Image Recording Server Image Recor	Properties Filter Metadata Display Event Action Choose filter: filter (2) $+ - 7$, 7 , Filter name: filter (2) Encoding option: ASCI Transaction timeout: 10 sec. Data filter definition: Properties Sec. Data filter definition: Filtered data: Filtered data: Filtered data: Filtered data:	
	+- ≙↓	Priority Action type 🖍 Match option 🔹 🖍 Data 🖍 Result	/

2. Mainconsole

Step 1: Run "NUUO Bridge_AC_Paxton .exe" and add Metadata Application.

Metadata Application = Paxton door TCP Server IP = Bridge IP Address TCP Server Port = Door Port

ata Source Display Plug-in	Metadata Source Setting		Bridge IP Address: 10.1.0	.2					
Aetadata Aetadata Paxton ACU 1	Name: Paxton ACU 1		Paxton server Address: 10. Channel list:	Paxton server Address: 10.0.9.30 Channel list					
Paxton ACU 2	Metadata Type:	Access Control 👻	Select All	Deselect All	Refresh	Stop			
	Source Type:	AC TCP Client	Test Door name	Serial number	Port	TCP Server Status			
		/	ACU 24524523	024524523	6653 6654	 Stopped Stopped 			
	TCP Server IP	Locahost	ACU 33333333	033333333	6645	 Stopped Stopped 	Ē		
	TCP Server Port	6640	ACU 34523413	034523413	6646	Stopped			
	Ter berrei Porc	10040	ACU 34523423	034523423	6642	Stopped			
		`	ACU 34534534	034534534	6644	: Stopped			
			CU 34562452	034562452	6652	Stopped			
			CU 45322345	045322345	6655	Stopped			
			ACU 45632523	045632523	6649	Stopped			
			ACU 53453222	053453222	6643	Stopped			
			ACU 56323423	056323423	6647	Stopped			
			🔪 📃 ACU 56563452	056563452	6648	Stopped			
			ACU 63546244	063546244	6650	Stopped			
			VUUO - ACU 0201	. 002017789	6641	Running			
			MIIIIO - ACII 0222	002331786	6640	• Pumping			



Step 2: Configure filter, display format and event/action

Refer to User Manual NUUO_Metadata_Plugins Chapter "Software Setup".

hetadata Application	
Data Source Display Plug-in	
Insert K Delete Configure	Settings Record Metadata Transaction Display on Video Preview Always Display Last for 10 seconds
	New Edit Delete Import Export
	Display Region Definition C Default C User Define
	✓ OK X Cancel



VI. Installation Scenarios

1. If one NUUO Recording Server would receive events from multiple Paxton Servers, NUUO Bridge must be installed on Paxton Server.



2. If multiple NUUO Recording Servers would receive events from single Paxton Server, NUUO Bridge can be installed on one of NUUO Servers or a separated server.





VII. Event Support List

1. Display information on NUUO Interface

Display Information					
Item Description					
Door ID	ID or address of the door				
Card ID	ID or number of the card				
User Name	Name of employee or cardholder				
User ID	ID or number of employee or cardholder				
Event Date	The data / time when recorder receives card information and				
Time	events				
Event ID	ID or number of access control event. Defined by access control				
	server				
Event Type	Including description of event type and event subtype. Ex:				
Description	AccessDenied-CardOnly				

2. Supported Paxton events

Event Types					
Туре	Subtype	Description			
Accoss control	alarm	Door alarm has been acknowledged			
ALLESS CONTION	acknowledged				
Access control	door alarm	Door alarm has been issued			
Access control	tampering	A device or a door has been tampered with			
Access control	Unit connected	ACU online			
Access control	Unit lost	ACU not responding			
Access Denied	Alarm Still armed	Alarm from access control server is not relieved yet			
Access denied - invalid	Access Level not	Code is configured according to different access level. Ex:			
code	valid	Admin - 0909			
	Vehicle	License plate or car number recognition by camera or access			
Access denied - ANPR	registration not	control system is not valid			
	recognized				
Access Denied -	Individual				
Lockdown in Progress	permissions not				
	valid				
Access Denied - Invalid Token	Invalid Access	Card or pass is invalid			
Access denied - invalid	Token Details not	PIN code of card or pass is invalid			
PIN	found				
		Anti-passback deters users from tailgating each other and			
Access Denied – Token	Anti-passback	requires both IN and OUT readers at each area boundary. The			
not valid	(Logical)	system must see a user card leave an area before allowing			
		access in the opposite direction.			

NUUO®

Access Control / Paxton / Version v1.0 / Apr. 2014

Access Denied – Token	Anti-passback	Access control system doesn't allow more than one token
not valid	(Timed)	triggering during certain period
Access Denied – Token	Anti-passback	Combination of logical and timed for Anti-nassback
not valid	(Logical + Timed)	
Access Denied – Token	Anti-passback	
not valid	(Lost contact with	When server disconnects, any token is not allowed
	server)	
Access Denied – Token	Not active	
not valid	NOU delive	
Access Denied – Token	Token reported	
not valid	lost	
Access permitted	Temporary access	
	assigned	
Access permitted -	Anti-passback	Users entry with correct token, meanwhile match anti-passback
Token only	(Logical)	logical rule
Access permitted -	Anti-passback	Users entry with correct token and PIN, meanwhile match
token + PIN	(Timed)	anti-passback timed rule
Access permitted -	Anti-passback	Users entry with correct token and code, meanwhile match
token + code	(Logical + Timed)	anti-passback logical and timed rule
Access permitted - PIN	Anti-passback	Users entry with correct PIN, meanwhile match anti-passback
only	(Lost contact with	lost contact with server rule
	server)	
Access permitted -	No access made	Users entry with correct code
code only		
Access permitted -		License plate or car number recognition by camera or access
ANPR		control system is valid
Door opened	With network	
	Instruction	
Door opened	With timezone	Door allows to be opened in user defined time zone
Door opened	With exit button	Manually press exit button to open the door
Door closed	With network	
Deserve	Instruction	
Door closed	with timezone	Door allows to be closed in user defined time zone
Door forced		Door is closed or opened by external force