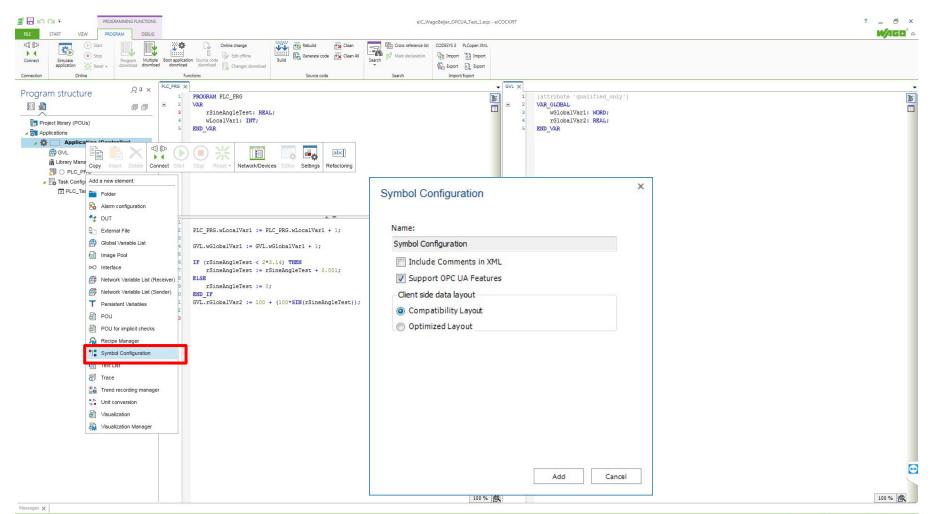
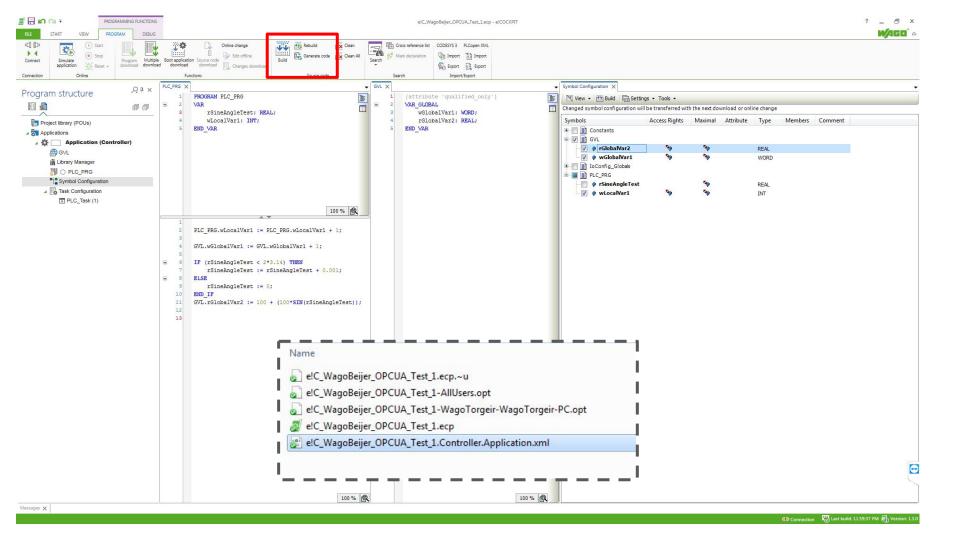
# OPC UA

Wago + Beijer

Wago e!COCKPIT

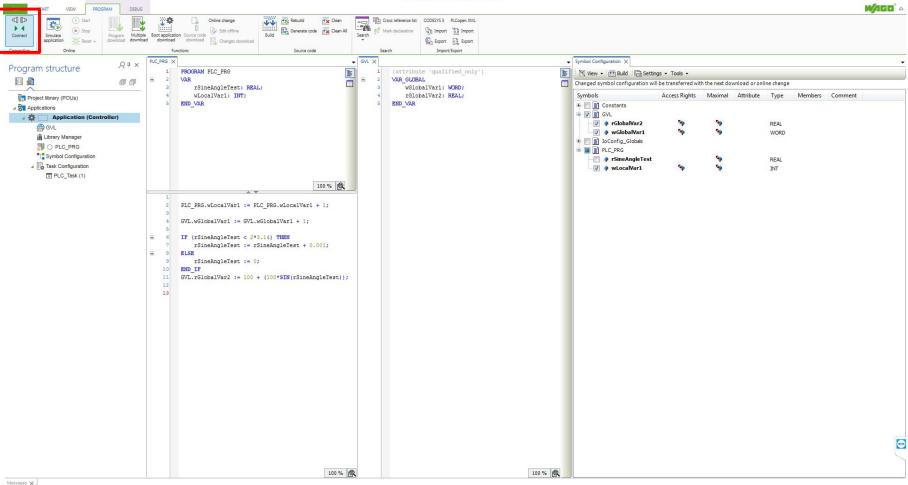


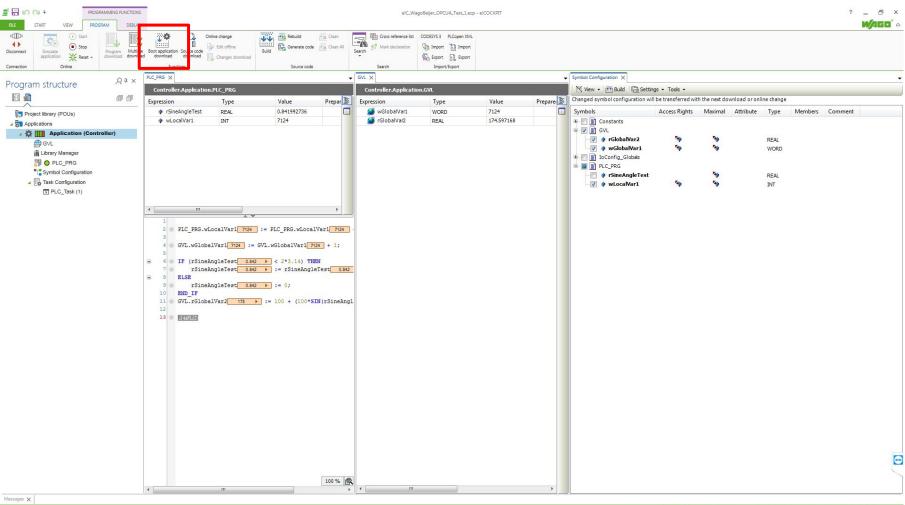


e!C\_WagoBeijer\_OPCUA\_Test\_1.ecp - e!COCKPIT

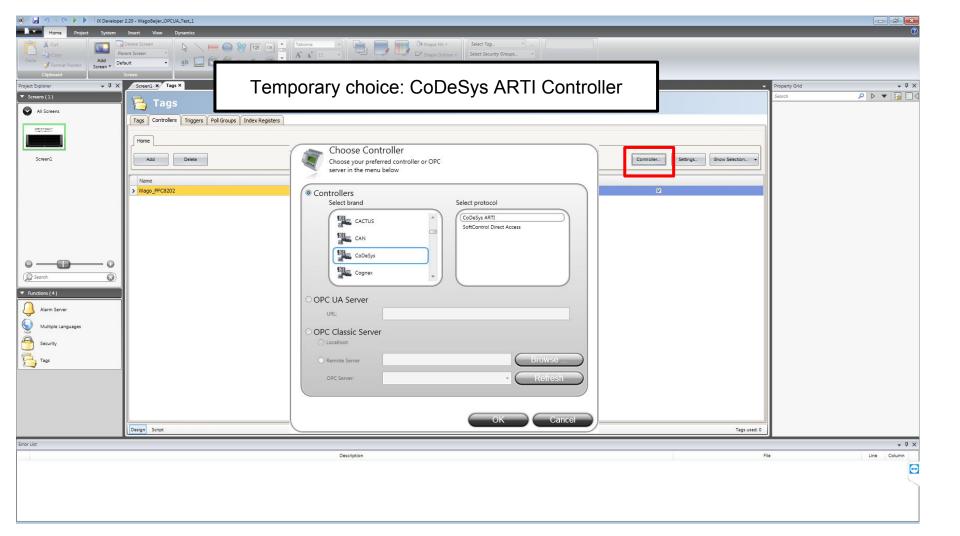
A B Wat

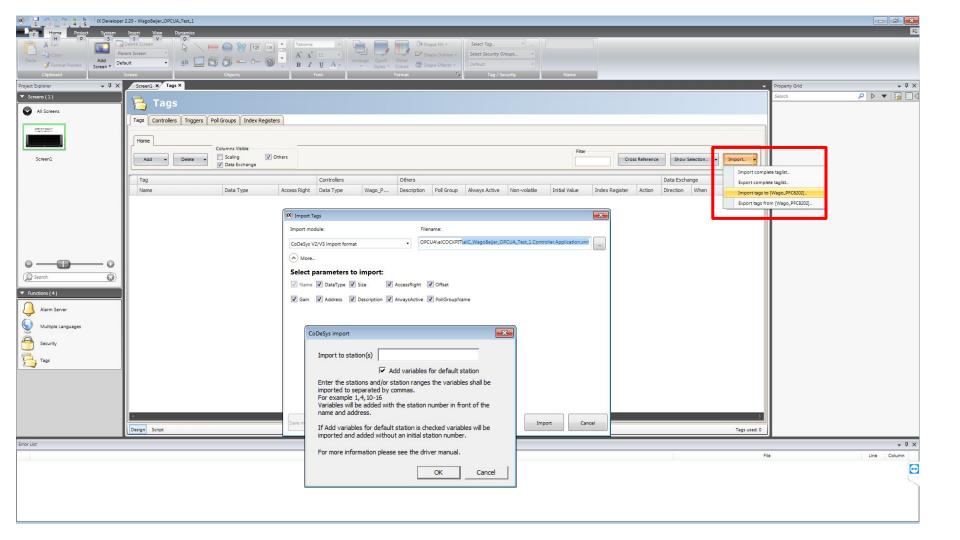
PROGRAMMING FUNCTIONS

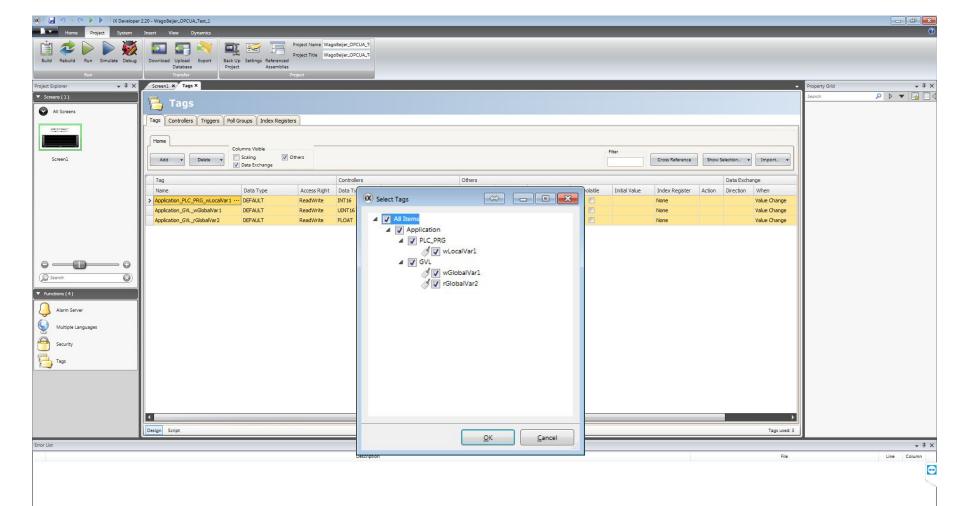


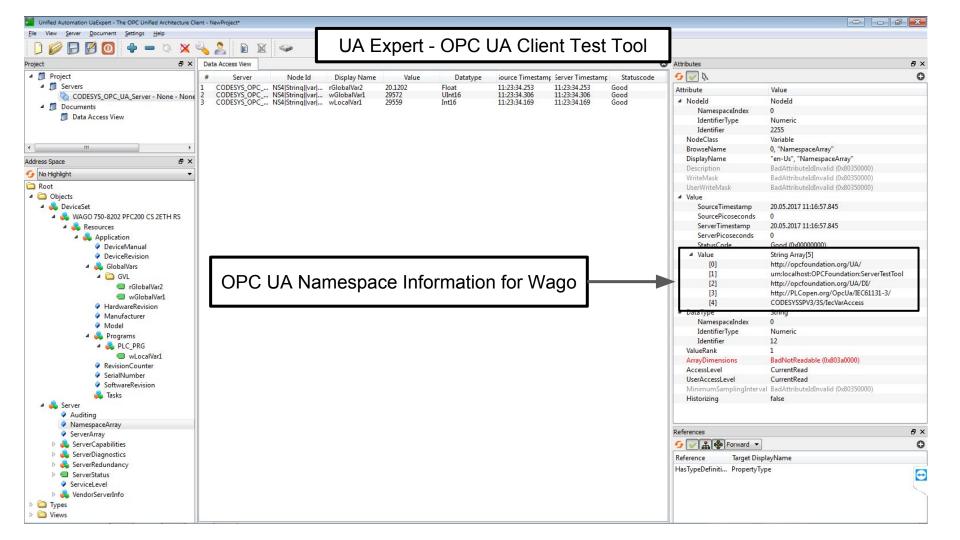


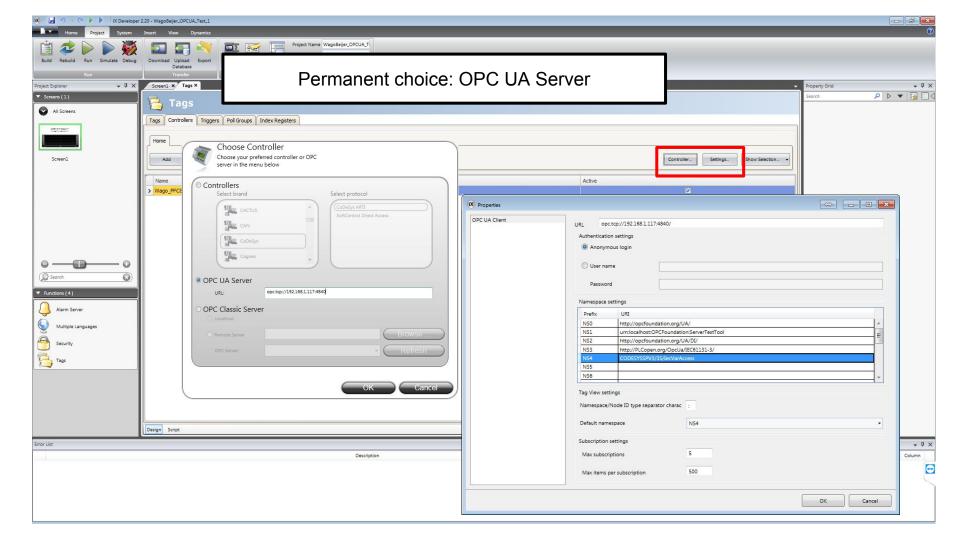
# Beijer iX Developer

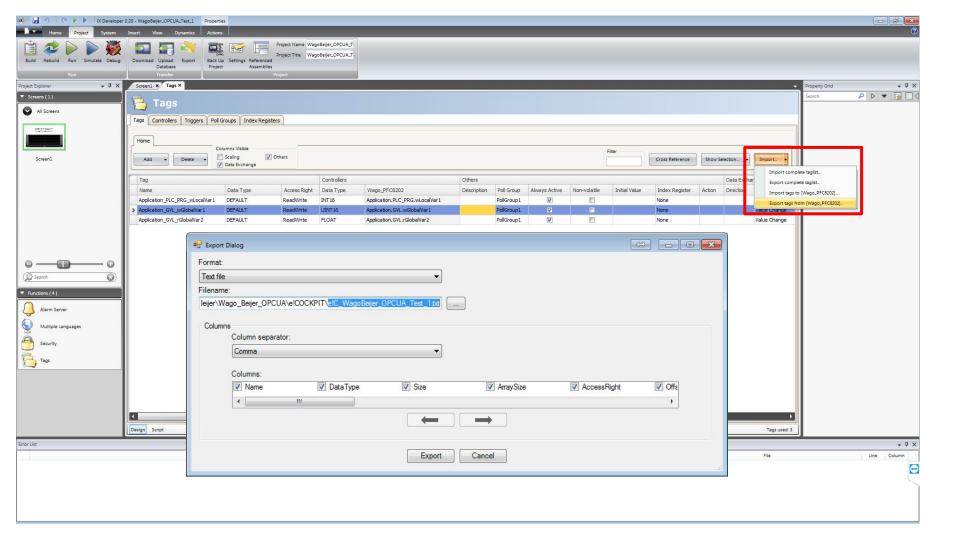


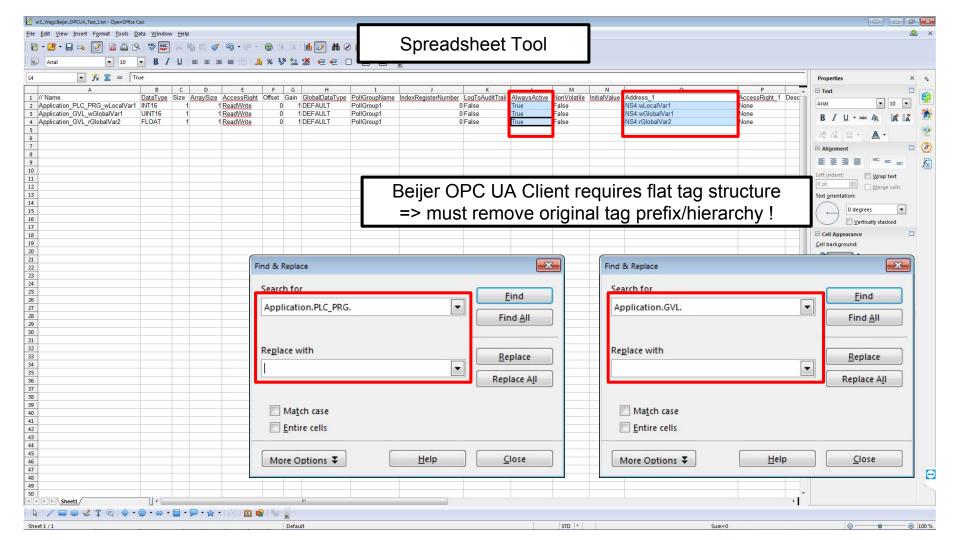


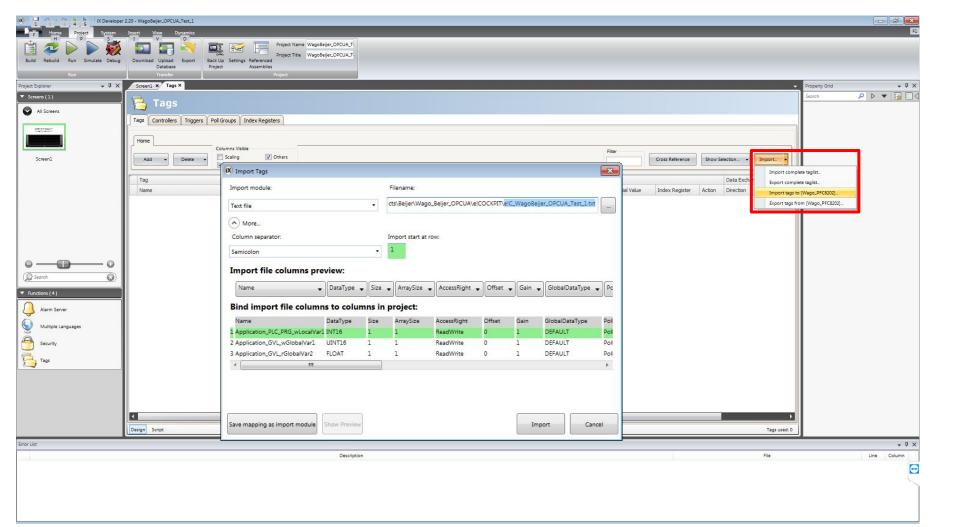


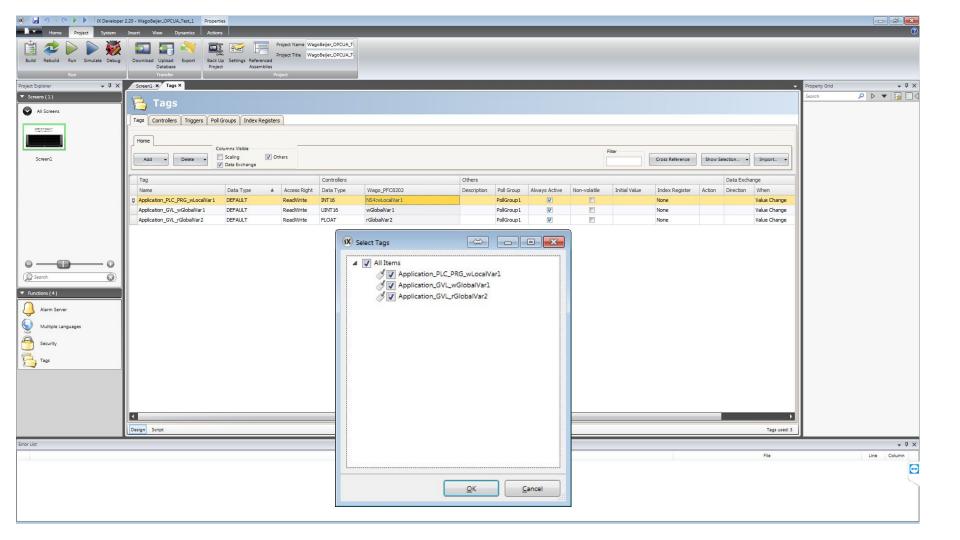


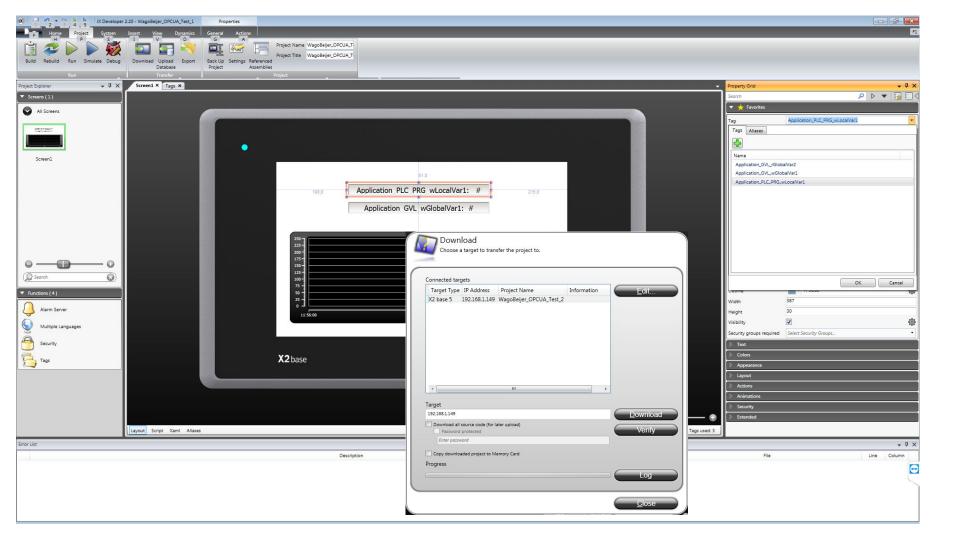












### Wireshark Packet Sniffer Tool

### Capturing from Local Area Connection File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help opcua Source Destination Protocol Length Info 13 0.000000 192.168.1.117 192,168,1,149 238 UA Secure Conversation Message: PublishResponse OpcUa 14 0.024084 192.168.1.149 192,168,1,117 OpcUa 125 UA Secure Conversation Message: PublishRequest 34 0.475963 192,168,1,117 192.168.1.149 OpcUa 238 UA Secure Conversation Message: PublishResponse 35 0.019271 192.168.1.149 192.168.1.117 OpcUa 125 UA Secure Conversation Message: PublishRequest 49 0.480205 192.168.1.117 192.168.1.149 OpcUa 238 UA Secure Conversation Message: PublishResponse 51 0.026654 192.168.1.149 192.168.1.117 OpcUa 125 UA Secure Conversation Message: PublishRequest 66 0.482650 192.168.1.117 192.168.1.149 OpcUa 238 UA Secure Conversation Message: PublishResponse 67 0.012372 192.168.1.149 192.168.1.117 OpcUa 125 UA Secure Conversation Message: PublishRequest Frame 35: 125 bytes on wire (1000 bits), 125 bytes captured (1000 bits) on interface 0 Ethernet II, Src: BeijerEl 09:6a:2c (00:50:6c:09:6a:2c), Dst: WagoKont 40:68:1c (00:30:de:40:68:1c) Internet Protocol Version 4, Src: 192.168.1.149, Dst: 192.168.1.117 Transmission Control Protocol, Src Port: 49275, Dst Port: 4840, Seq: 72, Ack: 369, Len: 71 ■ OpcUa Binary Protocol Message Type: MSG Chunk Type: F Message Size: 71 SecureChannelId: 33571 Security Token Id: 15 Security Sequence Number: 89946 Security RequestId: 89896 △ OpcUa Service : Encodeable Object D TypeId : ExpandedNodeId ■ PublishRequest ■ RequestHeader: RequestHeader D AuthenticationToken: NodeId Timestamp: May 20, 2017 11:51:10.509000000 W. Europe Daylight Time RequestHandle: 89881 ▶ Return Diagnostics: 0x00000000 AuditEntryId: [OpcUa Null String] TimeoutHint: 60000 AdditionalHeader: ExtensionObject ■ SubscriptionAcknowledgements: Array of SubscriptionAcknowledgement ArraySize: 1 ▷ [0]: SubscriptionAcknowledgement 00 6f 72 51 40 00 80 06 03 dd c0 a8 01 95 c0 a8 0020 01 75 c0 7b 12 e8 a6 b4 43 b5 ba 87 56 6a 50 18 .u.{.... C...ViP. 83 2c 2d 8d 00 00 4d 53 47 46 47 00 00 00 23 83 .,-...MS GFG...#. 0040 00 00 0f 00 00 00 5a 5f 01 00 28 5f 01 00 01 00 0050 3a 03 01 01 1d 00 d0 25 2e 9c 4e d1 d2 01 19 5t 01 00 00 00 00 00 ff ff ff ff 60 ea 00 00 00 00 00 01 00 00 00 02 00 00 00 ef 24 01 00

			<u> </u>	Q III					
	opcua								
lo.	Time	Source	Destination	Protocol	Length Info				
	13	0.000000 192.168.1.117	192.168.1.149	OpcUa		cure Conversation			
	14	0.024084 192.168.1.149	192.168.1.117	OpcUa		cure Conversation	-		
	34	0.475963 192.168.1.117	192.168.1.149	OpcUa		cure Conversation			
	35	0.019271 192.168.1.149	192.168.1.117	OpcUa		cure Conversation			
	49	0.480205 192.168.1.117	192.168.1.149	OpcUa		cure Conversation			
	51 66	0.026654 192.168.1.149	192.168.1.117	OpcUa		cure Conversation			
	67	0.482650 192.168.1.117	192.168.1.149	OpcUa		cure Conversation			
	6/	0.012372 192.168.1.149	192.168.1.117	0pcUa	125 UA Sec	cure Conversation	. message:	Publishkeques	
	Message	Type: MSG							
		nternet Protocol Version 4, Src: 192.168.1.117, Dst: 192.168.1.149 Pansmission Control Protocol, Src Port: 4840, Dst Port: 49275, Seq: 369, Ack: 143, Len: 184							
,	OpcUa Binary Protocol								
	Message Type: MSG								
	Chunk Type: F								
	No.	Size: 184							
		nannelId: 33571							
		y Token Id: 15							
		y Sequence Number: 89945							
		y RequestId: 89895							
		ervice : Encodeable Object							
		Id : ExpandedNodeId							
	▶ PublishResponse								
	■ ResponseHeader: ResponseHeader								
		Timestamp: May 20, 2017 11:57:37.130000000 W. Europe Daylight Time							
		RequestHandle: 89880	F= 13						
		ServiceResult: 0x00000000							
		ServiceDiagnostics: Diagn							
		StringTable: Array of Str							
		AdditionalHeader: Extensi	onObject						
		ubscriptionId: 2	5 UT 130						
		/ailableSequenceNumbers: Ar	ray of UInt32						
	MoreNotifications: False								
	<ul> <li>NotificationMessage: NotificationMessage</li> <li>Results: Array of StatusCode</li> </ul>								
		SULLS. AFTAV OF STATUSCODE							

