Tech Note 856 Getting Started with the Remote Response Object (RRO)

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Introduction

Remote Response Objects monitor alarm conditions of other Galaxy objects, send notification messages when an alarm transition occurs, and allow users to respond to alarm notifications by acknowledging alarms.

This *Tech Note* provides detailed procedures to configure Remote Response objects to trigger an alarm and acknowledge it via Email or SMS.

Assumptions

- Your network allows SMTP and POP3 traffic out to the Internet. You may need a dedicated outside connection.
- These objects are not available for download on WDN. They are purchased from your local Wonderware distributor.

Application Versions

- RemoteResponseObjects 1.0
- Wonderware Application Server 3.0 and later

Creating a Platform, Engines, Areas and Analog Device

For single node setup

- 1. Create Platform PO01 with two engines, EO01 & EO02,
- 2. Each engine has its own area, A001 & A002 respectively (Figure 1 below).

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FIGURE 1: PLATFORM, ENGINES AND AREAS

2. Create a new instance of an AnalogDevice object or UDO called **AD1** and place it under area **A002** (Figure 2 below). You can use a UserDefined Object (instead of an AnalogDevice Object) but the settings will be different than that of Figures 3, 4 and 5.

Leave all settings as default values unless otherwise noted.

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FIGURE 2: ANALOG DEVICE

- 3. In the AD1 Alarms Tab, do the following (Figure 3 below):
- Check Detect PV level(limit) alarms
- Check Hi
- Set the limit to 75.0
- Set the Priority to 500
- Set the AlarmMessage to me.ShortDesc

AD1				⊑ <u>≞</u>	? 🖬	x ا
General I/O Alarms	History Control Object In	formation 🛛 Scripts 🗍 UD	As Extensions	Graphics		
						-
🔲 Generate event upon	n PV change 🛛 🔐 💚					
Detect PV level(limit)	alarms 🖆					
Level alarms 🏰 🌗 —	1.114	Defective				
Пніні 🗬	Limit	Priority	Alarm Message		5	
		500	me ShortDess		9 D	
	75.0 D		Ine.onorcoesc			
			, L		3	
Alarm deadband:	0.0		, ,			
Detect PV rate of cha	ange alarms 🛛 🔓					
⊢Rate of change alarms	·A					
	Limit	Priority	Alarm Message			
				<u> </u>	2	
Down 👘				🛱	2	
Per:	2					
Evaluate every:		ms 🔓				
	istion slarms0					
Deviation alarms						
	Deviation (EU)	Priority	Alarm Message			
🔲 Minor 🖧	6	62		8	2	
🔲 Major 🛱	6	62		8	2	
Setpoint:	0.0 🔒 🖗				-	
Deviation deadband:						
Settling period:		62				
	1					-
•						•

FIGURE 3: CONFIGURING HI ALARM IN ANALOG DEVICE AD1

4. In the UDAs tab, create a new UDA with type Double and call it UDA1 (Figure 4 below).

Getting Started with the Remote Response Object (RRO)

AD1							Ľ ≜	?	B	×
General I/O Alarm	ns History	Control	Object Information	Scripts	UDAs	Extension	s Gr	aphic	s	
	+	×	UDA name:	UDA1						
UDAs:										
Name VDA1			Data type:	Double				ľ	•	
		_	Category:	User wr	iteable			ŀ	•	
		_	Value							
			🔲 This is an array	,						
		_	Number of elem	nents:						
		_	0.0				ſ	Ø		

FIGURE 4: CREATE THE UDA IN ANALOG DEVICE AD1

5. In the AD1 **I/O** tab, set the input source as AD1.UDA1 (Figure 5 below).

AD1		G.	? 🖥 ×
General I/O Alarms	History Control Object Information Scripts UDAs	Extensions	Graphics
			-
PV input source:	AD1.UDA1	🗗 📝	
Cutput destination di	ffers from input source	ſ	
PV output destination:		62 7	
SP reference:		62 🕞	
🔲 SP feedback address	differs from SP output address	62	
SP feedback source:		<u></u> £ [2	_

FIGURE 5: ASSIGN PV INPUT SOURCE TO ANALOG DEVICE AD1

Configuring the Objects

Configuring the RemoteResponse Object

- 1. Import the RemoteResponse objects into this Galaxy. The **RemoteNotifier** object detects that alarm has occurred and **RemoteCommunicator** relays it to the "outside" using SMS or Email.
- 2. Create derived templates from the base object instance of both the **RemoteNotifier** and the **RemoteCommunicator** objects called **RC** and **RN** respectively (Figure 6 below).



FIGURE 6: CREATING \$RC AND \$RN DERIVED TEMPLATES

3. From the derived templates, create a new instance of the RN called **RN1** and a new instance of RC called **RC1**. Put RC1 and RN1 under area **A001** (Figure 7 below).

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RemoteResponseOBJ		<u>←</u>
Model 🍛 Deployment	Contraction	

FIGURE 7: CREATING RC1 AND RN1 INSTANCES

Configuring the RemoteCommunicator (RC1) Object

- 1. Opent the RC1 Object and click the General Tab.
- 2. Create a From email address for the RemoteCommunicator. This example uses: gmailRC1@gmail.com.
- 3. Create the To email address to receive alarm notifications. This example uses: gmailOper1@gmail.com.
- 4. Open RC1 and do the following.

In the RC1 General tab (Figure 8 below)

- In the email address box enter the From email address.
- In the password field enter the password associated with that account.
- Configure **Outgoing Mail Server** settings (this example uses Gmail):
 - Outgoing mail server (SMTP): smtp.gmail.com
 - Outgoing mail server port: 587
 - Check This Server requires an encrypted connection (SSL)
- Use the following for Incoming Mail Server settings (This example uses Gmail):
 - Incoming mail server (POP3): pop.gmail.com
 - Outgoing mail server port: 995
 - Check This Server requires an encrypted connection (SSL)

• Leave rest of the settings at default on this tab.

RC1 *									
eneral Contacts and Scheduling Object Information Scripts UDAs Extensions Graphics									
Enable Notification									
E-mail Address:	gmailRC1@gmail.co	m			6				
Password:	•••••	•••••			ſ				
🔲 E-mail Account Login is differer	nt than E-mail Address								
User Name:	gmailRC1@gmail.co	m			6				
-Outgoing Mail Settings Outgoing Mail Server Settings									
Outgoing mail server (SMTP):	smtp.gmail.com				£				
Outgoing mail server port:	587		4	Test Connection	n l				
This Server requires an encry	pted connection (SSL):		6						
 This Server requires an encry Notify remote users when alarr 	pted connection (SSL):	Ŵ	- - 						
 This Server requires an encry Notify remote users when alarr Maximum number of retries: 	pted connection (SSL): ms are acknowledged	Ŵ	- 						
 This Server requires an encry Notify remote users when alarr Maximum number of retries: Retry Period: 	pted connection (SSL): ms are acknowledged 3 00:01:00.0000000	Ŵ	- - - - - -						
 This Server requires an encry Notify remote users when alarr Maximum number of retries: Retry Period: Incoming Mail Settings Incoming Mail Server Settings 	pted connection (SSL): ms are acknowledged 3 00:01:00.0000000	Ŵ	- - - - - - -						
 This Server requires an encry Notify remote users when alarr Maximum number of retries: Retry Period: Incoming Mail Settings Incoming Mail Server Settings Incoming mail server (POP3): 	pted connection (SSL): ms are acknowledged 3 00:01:00.0000000		- - - - - -						
 This Server requires an encry Notify remote users when alarr Maximum number of retries: Retry Period: Incoming Mail Settings Incoming Mail Server Settings Incoming mail server (POP3): Incoming server port: 	pted connection (SSL): ms are acknowledged 3 00:01:00.0000000 smtp.gmail.com 995		6 6 6	Test Connection					
 This Server requires an encry Notify remote users when alarr Maximum number of retries: Retry Period: Incoming Mail Settings Incoming Mail Server Settings Incoming mail server (POP3): Incoming server port: This Server requires an encry 	pted connection (SSL): ms are acknowledged 3 00:01:00.0000000 smtp.gmail.com 995 pted connection (SSL):			Test Connection					
 This Server requires an encry Notify remote users when alarr Maximum number of retries: Retry Period: Incoming Mail Settings Incoming Mail Server Settings Incoming mail server (POP3): Incoming server port: This Server requires an encry Remote users can acknowledge 	pted connection (SSL): ms are acknowledged 3 00:01:00.0000000 smtp.gmail.com 995 pted connection (SSL): e alarms via SMS/E-mail	Ŵ		Test Connection					

FIGURE 8: CONFIGURATIONS ON RC1 GENERAL TAB

In RC1 Contacts and Scheduling Tab (Figure 9 below), in the Contacts setup grid,

- 1. Type the user name under the First Name column. This example uses user1.
- 2. Type the email address under the E-mail Address column. This example uses "gmailOper1@gmail.com"
- 3. Type a four-digit PIN number (0000-9999) under the PIN column. This example uses **1111**.

file:///C|/inetpub/wwwroot/t002653/t002653.htm[5/8/2012 10:45:35 AM]

- 4. Check the Always Notify option.
- 5. Type User2 under the First Name column.
- 6. Type the Mobile number to which the alarm notification SMS needs to be sent under the **Mobile Phone** column. This example uses **9497273200**.
- 7. Type a four-digit PIN number (0000-9999) under the PIN column. This example uses 2222.
- 8. Type the SMS Gateway for that mobile number in the SMSGateway column.
 - For AT&T Mobile: txt.att.net
 - For T-Mobile: tmomail.net
 - For Verizon: vtext.com
- 9. Check the Always Notify option.
- 10. Leave the default settings.
- 11. Save and close **RC1**.

RC1												
neral Contacts and Scheduling Object Information Scripts UDAs Extensions Graphics												
-Calenda	ar Setup —											
Impor	t Calendar	Export	: Calendar	Clea	ar Caler	ndar		Cale	ndar Info	b Launch	n Outlook(20	07) 🔓
Meeting	gTitle Group1	L: CallGroup	51		Ţ	ſ						
MeetingTitle Group2: CallGroup2 💚 🖨 🗖 Include previous group (Group 1) 💚								V 6				
MeetingTitle Group3: CallGroup3 💚 🔐 🗋 Include previous groups (Group 1 & 2) 💚 🔐												
-Contact Default	:s Setup SMS Gatewa	ay:							6			
Impo	rt Contacts	Exp	ort Contacts		Clea	ar Cor	ntacts	;				ſ
	First Name	Last Name	Mobile Phone	E-mail .	Address	:			PIN	SMSGateway	GalaxyUser	Always Notify
	User 1			gmailOp	gmailOper1@gmail.com			:	1111			•
	User2		9497273200			2	2222	txt.att.net		•		
▶*												

FIGURE 9: CONFIGURATION ITEMS ON RC1 CONTACTS AND SCHEDULING TAB

Configuring the RemoteNotifier (RN1) Object

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Open **RN1** and do the following.

- 1. In the RN1 General tab configure the following attributes (Figure 10 below)
 - Set the Communicator Object Name as RC1.
 - Set the Notification Type to Both.
 - Leave the remaining settings at default on this tab.

RN1			
General Alarm Detection Object Inf	formation Scripts UDAs Extensions Graphics		
Communicator Object Name:	RC1		ſ
Notification Type:	Both	${\bf V}$	ſ
Escalation Settings			
Initial Delay:	00:00:00.0000000	ų.	ſ
Enable Escalation		ų.	ſ
Escalation Period:	00:10:00.000000	ų.	£
Enable Renotification		ų.	ſ
Renotify Period:	00:10:00.0000000	Ŷ	ſ
Retry Settings			
Maximum number of retries:	20	Ŷ	ſ
Retry Period:	00:00:10.0000000	Ŷ	ſ
Default Message Format			
Default Message Format:	[N].[A] [D] - [K] - entered alarm state at [T].		£
Eormat Default Message			
	×		
Decimal Format:	##.#		ſ

FIGURE 10: CONFIGURATIONS ON RN1 GENERAL TAB

- 2. In the RN1 Alarm Detection tab (Figure 11 below)
 - Create a new Detector by clicking the blue + button located at the right of the Detector List item.
 - Call the newly-created detector det1.
 - Type AD1.Hi.InAlarm in the Source field.
 - Leave all other attributes as default.
 - Save and close RN1.

S RN1					
General Alarm Detection Objec	t Information Scripts UD	DAs Extensions Graphics			
Detector List: 🕂 🗙					
Name	Alarm Detector:				
det1	Detector Description:	det1		ĺ	ſ
	Source:	AD1.Hi.InAlarm			ſ
	🔽 Enable Alarm Detec	tion	- 4) 1	ſ
	🗹 Use Default Messag	ge Format On General Tab		[ſ
	Message Format:	[N].[A] [D] - [K] - entered alarm state at [T].		[ſ
	Eormat Detector				
	message				
Inherited Detector List:					
Name					
	RN1 General Alarm Detection Object Detector List: Name det1 Inherited Detector List: Name	RN1 General Alarm Detection Object Information Scripts UD Detector List: + × Alarm Detector: Detector Description: Mame Detector Description: Source: Detector Description: Source: Image: Source: Image: Source: Image: Source: Image: Source: Image: Source: Image: Source: Image: Source: Image: Source: Image: Source: Image: Source: Inherited Detector List: Image: Source: Image: Source: Image: Source: Image: Source: Image: Source: Image: Source: Image: Source: Image: Source: Image: Source: Image: Source: Image: Source: Image: Source: Image: Source: Image: Source: Image: Source: Image: Source: Image: Source: Image: Source: Image: Source: Image: Source: Image: Source: Image: Source: Image: Source: Image: Source: Image: Source: Image: Source: Image: Source: Image: Source: Image: Source: Image: Source: Image: Source: Image: Source: Image: Source: Image: Source: <tr< th=""><th>RN1 General Alarm Detection Object Information Scripts UDAs Extensions Graphics Detector List: + × Alarm Detector: Idet1 Detector Description: det1 Source: AD1.HI.InAlarm Image: Construction Image: Construction Image: Construction Image: Construction Image: Construction Image: Construction Image: Construction Image: Construction Image: Construction Image: Construction Image: Construction Image: Construction Image: Construction Image: Construction Image: Construction Image: Construction Image: Construction Image: Construction Image: Construction Image: Construction Image: Construction Image: Construction Image: Construction Image: Construction</th><th>RN1 General Alarm Detection: Object Information Scripts UDAs Extensions Graphics Detector List: Name det1 Detector Description: det1 Detector Description: det1 Source: ADI.Hi.InAlarm Image: Detector List: Image: Detector List: Image: Detector List: Inherited Detector List:</th><th>RN1 General Alarm Detection Object Information Scripts UDAs Extensions Graphics Detector List: Alarm Detector: Detector Description: det1</th></tr<>	RN1 General Alarm Detection Object Information Scripts UDAs Extensions Graphics Detector List: + × Alarm Detector: Idet1 Detector Description: det1 Source: AD1.HI.InAlarm Image: Construction Image: Construction Image: Construction Image: Construction Image: Construction Image: Construction Image: Construction Image: Construction Image: Construction Image: Construction Image: Construction Image: Construction Image: Construction Image: Construction Image: Construction Image: Construction Image: Construction Image: Construction Image: Construction Image: Construction Image: Construction Image: Construction Image: Construction Image: Construction	RN1 General Alarm Detection: Object Information Scripts UDAs Extensions Graphics Detector List: Name det1 Detector Description: det1 Detector Description: det1 Source: ADI.Hi.InAlarm Image: Detector List: Image: Detector List: Image: Detector List: Inherited Detector List:	RN1 General Alarm Detection Object Information Scripts UDAs Extensions Graphics Detector List: Alarm Detector: Detector Description: det1

FIGURE 11: CONFIGURATIONS ON RN1 ALARM DETECTION TAB

Deploying the Platform and Triggering an Alarm

- 1. Right-click **P001** and click **Deploy**, then **OK**.
- 2. Right-click the AD1 object and click View in Object Viewer.
- 3. Locate the **UDA1** attribute in the Object Viewer.
- 4. Change the value to a value greater than **75** to trigger the alarm (Figure 12 below).

💋 Object Viewer											
Eile Edit View Options Help											
] 🎭 🌃 🏘 🗹 🍠 🗍 Attrib	oute Reference:	AD1.UDA1.val	Je			•	Go				
E	Attribute Nam PV.Input.Valu PV.LogDataCh PV.Mode PV.OverrideEr PVAuto	e 🔺 e angeEvent habled	Value	Times	tamp		Quality	Status	SecurityC ReadOnly Tune Operate Configure ReadOnly	Calcula Writea Writea Writea Calcula	Locke
	ScanState ScanStateCmo SecurityGroup ShortDesc SP Tagname UDA1		Value:	Apply		Ok _	Cancel		ReadOnly Operate ReadOnly ReadOnly Operate ReadOnly Operate	Calcula Writea Writea Writea System Writea	
AttributeReference	Value	Timestamp		Quality	Status						
AD1.UDA1	0.0	4/17/2012 9:	42:10.138 AM	C0:Good	Ok						
Watch List 1											
Ready				FI	LE: User: D	efaultUser 🛛				Mode: User	

FIGURE 12: CHANGE THE VALUE OF UDA AND TRIGGER AN ALARM IN OBJECT VIEWER

When the alarm is triggered, you see the following in Object Viewer (Figure 13 below):

- ADI.InAlarm attribute will turn true.
- AD1.HI.Acked attribute will be false.
- Check the email and the Mobile phone of the contacts configured in the RC1 object.

💋 Object Viewer											
<u>File E</u> dit <u>V</u> iew <u>O</u> ptions <u>H</u> elp											
🛛 🗞 🌃 🖬 👕 🛃 🔹 Attribute Reference: AD1.UDA1.value											
🖃 💓 RemoteResponseOBJ	Attribute Nam	e 🔺	Value	Times	:amp		Quality	Status	SecurityC	Category	Locked 🔺
📄 🖳 P001[IOMLKF31545W]	Deadband		0.0				C0:Good	Ok	Configure	Writea	UnLocke
📄 🕀 🖶 E001	ExecutionRelat	edObject:					C0:Good	Ok	ReadOnly	Writea	UnLocke
E002	ExecutionRelat	iveOrder	None				C0:Good	Ok	ReadOnly	Writea	UnLocke
μ. Δ.	Hi.Acked		true				C0:Good	Ok	ReadOnly	Calcula	UnLocke
	Hi.AckMsg						C0:Good	Ok	FreeAccess	Writea	UnLocke
	Hi.AlarmInhibit		false				C0:Good	Ok	Operate	Writea	UnLocke
	Hi.AlarmMode		Enable				C0:Good	Ok	ReadOnly	Calcula	UnLocke
	Hi.AlarmMode(Imd	Enable				C0:Good	Ok	Operate	Writea	UnLocke
	Hi.Category		Value Hi				C0:Good	Ok	Tune	Writea	Locked.
	Hi.Condition		false	4/17/2	2012 9:42:10).138 AM	C0:Good	Ok	ReadOnly	Calcula	UnLocke
	Hi.DescAttrNa	ne	me.ShortDesc				C0:Good	Ok	FreeAccess	Writea	UnLocke
	Hi.InAlarm		false	4/17/2	2012 9:42:10).138 AM	C0:Good	Ok	ReadOnly	Calcula	UnLocke 🔻
1	•										►
				o la	[(
AttributeReference	Value	Timestamp		Quality	Status						
AD1.UDA1	78.0	4/17/2012 10:4	7:43.303 AM	C0:Good	Ok						
AD1.Hi.InAlarm	true	4/17/2012 10:4	7:43.303 AM	C0:Good	Ok						
AD1.InAlarm	true	4/17/2012 9:42	2:10.216 AM	C0:Good	Ok						
AD1.Hi.AckMsg		4/17/2012 9:42	2:10.216 AM	C0:Good	Ok						
AD1.Hi.Acked	false	4/17/2012 9:42	2:10.216 AM	C0:Good	Ok						
Watch List 1											
Ready				FI	E: User: De	efaultUser				Mode: Use	er //,

FIGURE 13: OBJECT VIEWER WATCH WINDOW WITH ATTRIBUTES SHOWING THAT AN ALARM WAS TRIGGERED

Alarm Message Examples

(#AD1.Hi# Alarm G1)AD1.Hi The AnalogDevice provides supervisory control capabilities for instruments or equipment that have a key continuous variable. - UnAcked - entered alarm state at 4/7/2012 10:47:43.303 AM.

AD1.Hi The AnalogDevice provides supervisory control capabilities for instruments or equipment that have a key continuous variable. - UnAcked - entered alarm state at 4/7/2012 10:50:12.145 AM

Acknowledging Alarms via Email

You can acknowledge the alarm by replying to the email as follows.

• If the RemoteCommunicator object requires a PIN number, the required format of the message body is as follows: For a PIN of 1111:

1111

• Optionally, you can add a message to your alarm acknowledgement by adding a space *after* the PIN, followed by your desired message. For example:

1111 my optional alarm comment is here

• If the RemoteCommunicator object does not require PIN number, the format of the message body is as follows:

ACK

• Optionally, you can add a message to your alarm acknowledgement by adding a space *after* the ACK followed by your desired message. For example:

ACK my optional alarm comment is here

• Note: ACK is not case sensitive.

Acknowledging Alarms via SMS

After receiving the alarm notification on your cell phone, the alarm can be acknowledged by replying to that SMS as follows.

• If the RemoteCommunicator object requires a PIN number, the required format of the message Subject and body is as follows:

Subject : **(#AD1.Hi# Alarm G1)** Body : **2222**

• Optionally, you can add a message to your alarm acknowledgement by adding a space *after* the PIN followed by your desired message. For example:

2222 my optional alarm comment is here

• If the RemoteCommunicator object does not require PIN number, the required format of the message Subject and Body is as follows:

Subject : **(#AD1.Hi# Alarm G1)** Body : **ACK**

• Optionally, you can add a message to your alarm acknowledgement by adding a space *after* the PIN followed by your desired message. For example:

ACK my optional alarm comment is here

Notes:

• The SMS Gateway must retain the Subject line text format (**#TIC101.PV.Hi# Alarm G1**) in the response message that is converted from SMS into an E-mail. This is because the Remote Response Objects key off this Subject line to determine which alarm is being acknowledged.

 Acknowledgement will not work if SMS Gateway does not support a Subject line. Refer to page 50 of the RemoteResponseObject User Guide for more information.

After the alarm is acknowledged, you see the following in Object Viewer (Figure 14 below).

- AD1.Hi.Acked attribute should turn True
- AD1.Hi.AckMsg should display the optional alarm comment.

🖉 Object Viewer											
<u>File Edit View Options H</u> elp											
] 🗞 🏹 🏘 🗹 🛃 🗍 Attribute Reference:							Go				
E 🥰 RemoteResponseOBJ	Attribute Name 🔺		Value	alue Timestamp			Quality	Status	SecurityC	Category	Locked 🔺
□ 🖳 P001[IOMLKF31545W]	AckEnabled		true				C0:Good	Ok	Tune	Writea	UnLocke
📄 🕂 🖶 E001	- E001 AckNotificationEnabled						C0:Good	Ok	Tune	Writea	UnLocke
🖻 🖓 A001 [A001] 🛛 AckPINsEnabled		d	false				C0:Good	Ok	Tune	Writea	UnLocke
RC1 [RC1] AlarmInhibit			false				C0:Good	Ok	Operate	Writea	UnLocke
AlarmMode			Enable				C0:Good	Ok	ReadOnly	Calcula	UnLocke
E002	AlarmModeCm	ł	Enable				C0:Good	Ok	Operate	Writea	UnLocke
Area ConfigVersion			A001				C0:Good	Ok	ReadOnly	System	UnLocke
			25				C0:Good	Ok	ReadOnly	Writea	UnLocke
AD1 [AD1]	ConnectionMsg	CntResetCmd	false				C0:Good	Ok	Tune	Writea	UnLocke
	ConnectionMsg	RevdCnt	0				C0:Good	Ok	ReadOnly	Calcula	UnLocke
	ConnectionMsg	RcvdTime					C0:Good	Ok	ReadOnly	Calcula	UnLocke
	ConnectionMs)RcvFailure	false				C0:Good	Ok	ReadOnly	Calcula	UnLocke
J	Ⅰ										•
AttributeReference	/alue	Timestamp		Quality	Status						
AD1.UDA1 0).0	4/17/2012 3:27	7:50.428 PM	C0:Good	Ok						
AD1.Hi.InAlarm f	alse	4/17/2012 3:27	7:50.428 PM	C0:Good	Ok						
AD1.InAlarm f	alse	4/17/2012 9:42	2:10.216 AM	C0:Good	Ok						
AD1.Hi.AckMsg H	Hello	4/17/2012 9:42	2:10.216 AM	C0:Good	Ok						
AD1.Hi.Acked t	rue	4/17/2012 9:42	2:10.216 AM	C0:Good	Ok						
Watch List 1											
FILE: C:\Remote Response Object\testww User: DefaultUser Mode: User											er //

FIGURE 14: OBJECT VIEWER WATCH WINDOW WITH ATTRIBUTES SHOWING THAT AN ALARM WAS ACKNOWLEDGED

Reference

For more details refer the RemoteResponseObject User Guide.

R. Herunde and N. Khadikar

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