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#### **Installation**

#### **PC requirements :-**

PC tower -

Pentium 2 – 4 (500MHz and Above) 128Mb Ram Floppy Disk Drive , CD-ROM or If downloading from Internet ( Modem ) Hard Disk = 2GB At Least Software : Operating Systems Win 98 SE, Win2000, Windows ME, Windows NT, Win XP Software Applications : If C&E was downloaded from Internet . User will need Win RAR Application to Unzip/unRAR downloaded Cause and

#### Effect file.

#### **Installation Guide setup.**

Click on Setup. If file is in Win RAR format. Run Win RAR , Then unzip/un compress file to a folder then click setup





Install and follow instructions. Accept License and choose program folder path.

#### 3. CAUSE/EFFECT PROGRAMMING SYSTEM CABLE CONNECTIONS FOR DOWNLOAD

1.PC to Premier AL / GLOBAL NET REP	Null Modem Cable					
2.PC USB PORT to Premier AL or	USB to Serial COMM D-TYPE Converter					
PC USB PORT to Premier AL GLOBAL	Box / Unit + 1 USB CABLE + 1 NULL					
NETWORK REPEATER	MODEM CABLE					

This document is a description of the cause/effect programming system for the Premier AL network system. The equipment is currently limited to two panel types, the Premier AL Global network repeater and the Premier AL 1-4 loop analogue addressable panel.

Each job designed on this system will have a 5 digit contract number that is included in all of the file-names used for that job, and is also the name of the directory where the files are stored, whether on a hard disk or a floppy disk. There will also be a twenty character contract name to be specified, together with a twenty character name for each panel on the system.

Once a job has been fully designed, a wide variety of printouts can be generated for reference, and a hex file will be generated for each appropriate panel that can then be downloaded into that panel directly from a computer, or may be programmed into an appropriate EPROM or EEPROM first, and then the EPROM taken to the panel and installed.

First Create A JOB FILE .If no existing File/ Panel Cause And Effect file is present. Select 1. New Job. Fill in Fields , i.e job name , file number and folder path etc

nter New Premier AL Design Details	
-Job Number	
Please enter the JOB/CONTRACT number as 5 digits.	
33333	
-Path for Design Files	
to accept path shown.	
C:\33333\	
-Job Name	
Please enter the overall JOB/CONTRACT name.	
MANUAL DEMO	
Start 🧉 🚱 🕞 🜔 🕐 🥵 📜 Speed. 🕞 DC++ 🕞 Kaspe 🍋 software 🗟 PCP	9R. 1 7eta A. 👘 al pro 🔊 Enter 🔕 🖓 🧶 📜 🗶 🚱 🔞 22:

If an existing File/ Panel Cause And Effect file is present. Then click 2.Edit job. Find the file via folders . Double click on job number



Once the Panel Has been created, it now needs editing Highlight Panel in Existing panel Window and Click Edit Panel Data Menu

CLT Dramier AL Cauca/Effect Editor		V
Basels Edit Basel Data Brist Hav Files ComePort Out		
Parles Euli Parlei Daca Philit Hex Files Cultiliport Quit M		
Job Details Job Number 11111 Job Name madagascar Directory C:\CauseANDEffect		
Existing Panels		
NUM.NAME TYPE"		
001 FRCP CLEAN SLATE B. [11] Premier AL 1-271-4 Loop Panel		
002 ALLION NUTLE D. [11] Fremter AL 1-271-4 Loop Fanel		
004 GLT HEADOUARTERS B. [11] Premier AL 1-2/1-4 Loop Panel		
005 SWANSEA INDUSTRIAL B. [11] Premier AL 1-2/1-4 Loop Panel		
006 REP ALG PREM AL GNR A. [10] Premier AL Network Repeater		
者 😰 🕑 🔄 🥨 🐨 🖏 🎽 Speed 💌 DC++ 🚾 Kaspe 🗀 software 💆 PCPR 💆 Zeta A	🔀 al_pro 🥂 GLT P	S S S S S S

# EDIT PANEL DATA MENU BRINGS UP A NEW WINDOW. WHICH IS WHERE THE USER CAN CONFIGURE CAUSE AND EFFECT

GLT I	Premier Al	. Cause/Eff	ect - Prem	ier AL Panel I	Main Editor	2			×
View F	anel Layout	: Special Fu	nctions Se	nsitivity Selei	t Output Alla	ocate Zones/G	roups Edit Te	exts Print Quit	
0	Jot	Number	11111				Job Name	madagascar	
	Pane	Number	5	<sup>p</sup> anel Name	SWANS	SEA	Directory	C:\CauseANDEffect	

The Grey Menu Bar , is where the User Defines/Sets Premier Al Function and Behaviour.

**1.View Menu. Shows the Panels and the Available flags, i.e Cause types, e.g, Commom fire.** 

GLT Premier AL Cause/Effect View Panel Layout Special Funct	- Premier AL Panel Main Editor
Job Details	Job Name         madagascar
Panel Number	5 Panel Name SWANSEA Directory C:\CauseANDEffect
Available Flags for Panel 4 GL	T HEADQUARTERS
NUM. NAME	TYPE
002 HILTON HOTEL	11
003 LEISURE CENTRE	11
004 GLT HEADQUARTERS	
005 SWANSEA INDUSTRIAL	
UU6 REP ALG PREM AL GNR	
Num Eurotion	
0001 Common Fire Till Beset	
0002 Common Alert Till Clear	
0003 Common Fault Till Clear	
0004 Common Indication Till (	Jear Clear
0006 Common Alarm Fault Till	
Calast a se	al la view ite actuale flace. Click an Evit te aleve this window.
Select a par	ei to view its network hags. Click un Exit to close this window.
	Exit

2.Panal Layout Menu. User defines, Number of Loops, Repeaters(LOCAL), I/O Boards.etc

Details	ber 11111	]			Job Name	mada	gascar	
Panel Num	ber 5	Panel Nar	ne <mark>sw</mark> a	NSEA	Directory	C:\Cause/	ANDEffect	
anel Layout Specific	ation —							
Alter	1/0 1	1/0 2	-1/0 3	-1/0 4	1/0 5	-1/0 6	NONE	
REPEATERS	-1/0 8	-1/0 9	- 1/0 10-	-1/0 11-	-1/0 12-	-1/0 13-	-1/0 14-	
	1/0 15	1/0 16	-1/0 17	-1/0 18-	-1/0 19-	1/0 20	- 1/0 21	
1/O Boards	NONE	NONE	NONE	NONE	NONE	NONE	NONE	
= None = Alarm (Non-Mon) = Relay (Non-Mon) = Relay (Mon)	NONE	NONE	NONE	NONE	NONE	NONE	NONE	
= Relay (Fire) = Alarm (Fire)	NONE	NONE	NONE			!	<u>o</u> k	
Click on the up or do repeaters. Click or he list itself to selec	own arrow on an 1/0 box a different mu	the appropr to change its type. Click o st be allocat	iate panel bo s type to that on 'OK' when ed in sequen	ox to increase t highlighted i all of the info ice from num	or decrease in the list on l prmation is co ber 1.	the number he left, and rrect. n.b. 17	of loops or click on 70 boards	

Use the arrow keys, to define the number of repeater s, i/o boards , loop cards.

XI

**3.11.**Special Functions > Time Functions > Panel Delay. User defines Delay Duration and Start / Stop Time.



**3.12.**Special Functions > Time Functions > DAY/NIGHT . User defines Day and Night mode settings. After office Hours Fyreye Detectors will go to Night time sensitivity settings.



**3.13Special Functions > Time Functions > Software Timers. User can set software timer events.** <u>Only 1 Group can a software timer be allocated. (not to a zone)</u>

GLT Premier AL Cause/Effect - Premier AL Panel Main Editor View Panel Layout Special Functions Sensitivity Select Output Allocate ones/Groups Edit Texts Print Quit	×
Job Details     Job Number     11111       0     Job Name     madagascar       Panel Number     5     Panel Name     SWANSEA   Directory C:\CauseANDEffect	
Foftware Timer Periods Timer 1 (Input/Output 249)	
Timer 1 = 0 C Fire © Indication	
Timer 1 (Input/Output 249)	
Timer 2 = 0 C Fire © Indication	
 Timer 1 (Input/Output 249)	
Timer 3 = 0 C Fire O Indication	
 _ Timer 1 (Input/Output 249)	
Timer 4 = 0 C Fire C Indication	
Click on the appropriate button above to edit the delay period for a software timer, select either Fire or Indication as required, then click on Save 'to save the changes, or click on 'Cancel' to exit without saving.	
Select Fire for driving sounders at the end of the delay, or to latch any outputs at the end of the delay.	

GLT Premier AL Cause/Effect - Premier AL Panel Main Edito	r	scoue. Type of	
iew Panel Layout Special Functions Sensitivity Select Output	Allocato Zones/Groups B	idit Texts Print Quit	
0 Job Number 11111	Job N	ame madagascar	-
Panel Number 3 Panel Name SWA	NSEA Direct	ory C:ALauseANDErrect	
Panel Access Code			
Current Access Code	8812		
Enter a New Access Code Here			
The access code as saved on disk ma	y be		
of four decimal digits. Click on the 'Sa	ve <u>S</u> ave		
exiting this function. Click on 'Cancel'	to exit <u>C</u> ancel		
this function without saying.			
31Special Functions > Time Funct	tions > Netwo	ork Responses.	User text is recor
ser defines if or how a panel respo	nds to netwo	rk flags, causes	, events etc
GLT Premier AL Panel Network Responses			
O Job Number 11111 Job D	etails J	ob Name madagas	car
Panel Number 5 Panel Name St		irectory C:\CauseANI	Effect
001 FACP CLEAN SLATE 11			
Display Fires Print Fires	- Memory Fires	Silence Alarms -	
Ignore 🗾 Ignore 🔽	Ignore		
Display Alerts — Print Alerts —	- Memory Alerts	Reset System —	
Ignore 🔽 Ignore 🔽	Ignore		
– Display Faults – – – Print Faults – – – – – – – – – – – – – – – – – – –	Memory Faults ——	——————————————————————————————————————	

### 3.21Special Functions > Time Functions > Access code. Type Old code to enter new code

nended.

GLT Premier AL Panel Network Responses	<u> </u>
0 Job Number 11111 Job Details Job Name r	nadagascar
Panel Number 5 Panel Name SWANSEA Directory C:\Ca	auseANDEffect
001 FACP CLEAN SLATE 11	
Display Fires ————————————————————————————————————	Alarms ————
Ignore 🔽 Ignore 🔽 Ignore Ignore	
Display Alerts Print Alerts Memory Alerts Reset Sy	vstem —
Ignore 🔽 Ignore 🔽 Ignore 🔟 Ignore	
Display Faults Print Faults Memory Faults Test Ala	ms ———
Ignore 🔽 Ignore 🔽 Ignore 🔽 Ignore	
Display Indications — Print Indications — Memory Indications — Evacuat	e
Ignore 🔽 Ignore 🔽 Ignore 🔽 Ignore	
Reset Fa	ults
<mark>− Day/Nig</mark>	ht Mode
Save and Exit Exit Without Saving	
Coloria da construir de la con	Disablement —
current panel to messages from that selected panel, then click on a response Ignore	
option to set that response option for the selected panels. Click on Save to save the changes and exit. Click on Exit to exit without saving the changes.	Buzzer —

3.32 Special Functions > Time Functions > Platform sounders. User declares platform sounder that need configuring .Hence are then controllable by the user , and can be programmed as a Loop output.(Effect) \*\*USE FOR ZETA SOUNDER BASE FEA SB\*\*

Loop Select	Save Details D	one				
-Job Details 1	Job Number	11111			Job Nam	e madagascar
	Panel Number	5	Panel Name	SWANSEA	Directory	C:\CauseANDEffect
-Current Set	tings For Loop <sup>-</sup>	1			- Platforr	n Sounder Usage ———
			Number of Add	resses Selected	1	
ADR POINT TEX	T TYPE		SOUNDER		Us	e Platform Sounder
001	NON-	ANALOGUE				
002	NON-	ANALOGUE	PLATFORM SOUL	NDER	No No	o Platform Sounder
003	NON-	ANALOGUE				
004	NON-	ANALOGUE				
005	NON-	ANALOGUE				
007	NON-	ANALOGUE				
008	NON-	ANALOGUE				
009	NON-	ANALOGUE				
010	NON-	ANALOGUE				
011	NON-	ANALOGUE	E. Confirm C			
012	NON-	ANALOGUE	Communic	lange		스
013	NON-	ANALOGUE	•			
-Frame1			Are you sure	e that you want to a	idd a platform	sounder to address
TIGHET			J f			
The 'Loop' me	nu item allows the	required la				
The Boop me		required in				
The Select m	ienu item allows all	addresses	<mark>s to</mark>			
addresses may	y be selected or de	e-selected	by .			
using the Shift	t key to select rang	jes.				
The'Save' me	nu item allows data	a to be sav	ed .			
The'Done' me	nu item returns to t	the main na	ane			
Clicking on a r	narameter butten u	ubile come				
Clicking on a p	parameter button w	vrille some			1	
suspect comb	inations.	er for the se	<u>Y</u> es	Yes To <u>A</u> ll	<u>N</u> o	Cancel

4.11 Sensitivity > Default : Settings > Categories The sensitivity option menu. Choose default to declare type of detector (Cause), that are connected . Sensors to be declared as FYREYE ANALOGUE. \*\*\*\*\*DO NOT DECALRE ZIOU (ZETA INPUT/OUTPUT UNIT AS A FYREYE I/O UNIT)\*\*\*\*\*\*\*\*

GLT Premier AL	Panel Default Sensitiv	vity Lev	/els							
Loop Select Setting	gs Save Details Done			45						
-Job Details 10 Job I	Number 11111				Job Name	madagascar				
Panel I	Number 5 P	anel Na	ame	SWANSEA	Directory	C:\CauseANDEffect				
Current Settings For Loop 1 Category Options										
	N	umber	of Addr	esses Selected 1	N.	on-Configurable				
ADR POINT TEXT	TYPE	ALERT	FIRE		<u> </u>	on-coningurable				
001	FYREYE ANALOGUE	45	55		Г					
002	FYREYE ANALOGUE	45	55	-	<u> </u>	yreye Analogue				
003	FYREYE ANALOGUE	45	55							
004	FYREYE ANALOGUE	45	55		F	yreye 1/0 Unit				
005	FYREYE ANALOGUE	45	55							
007	EVERYE ANALOGUE	45	55							
008	FYREYE ANALOGUE	45	55							
009	FYREYE ANALOGUE	45	55							
010	FYREYE ANALOGUE	45	55		These ca	tegories are intended				
011	NON-ANALOGUE	45	NONE		to identify	which sensitivity				
012	NON-ANALOGUE	45	NONE		settings a	re suitable for each				
013	NON-ANALOGUE	45	NONE	•	address.	These values will be				
Instructions ——					stored on	disk together with the				
The 'Loop' menu item	allows the required loop I	to be sel	lected.		attempt to	download consitiuity				
The 'Select' menu item allows all addresses to be selected or de-selected. Individual addresses may be selected or de-selected by directly clicking on them in the list										
The 'Settings' menu item allows either the 'Category', 'Alert Trip', 'Fire Trip', or i/o unit mode to be edited.										
The'Save' menu item allows data to be saved either for all loops or just the current loop. Configured types below loop.										
The'Done' menu item	returns to the main panel	editing	window.		prompt wi	ll be issued and the				
Clicking on a parameter update the appropriate any suspect combinat	er button while some add e parameter for the select ions.	lresses ir ted addr	n the list esses, w	are selected will try to ith suitable prompts for	codes for be downly	that address will not baded.				

### **4.12** Sensitivity > Default : Settings > Alert trips User can set alert trips(pre-alarm condition), via the settings menu.

	<u> </u>			
GLT Premier AL Panel De	fault Sensitivity L	vels		
Loop Select Settings Save	Details Done	*		
Job Details				
10 Job Number			Job Name	e madagascar
Panel Number	5 Panel N		Directoru	C:\Cause&NDEffect
			Directory	0. IOUISCHITPERCOL
Current Settings For Loop	1		- Alerts -	
	Number	of Addresses Selected	1	35
ADR POINT TEXT TYPE	ALERT	FIRE		33
001 FYR	EYE ANALOGUE 45	55		40
002 FYR	EYE ANALOGUE 45	55	- <u> </u>	40
003 FYRS	EYE ANALOGUE 45	55		
004 FYR	EYE ANALOGUE 45	55		45
006 FYR	EYE ANALOGUE 45	55		
007 FYR	EYE ANALOGUE 45	55		EO
008 FYR	EYE ANALOGUE 45	55		20
009 FYR	EYE ANALOGUE 45	55		
010 FYRS	EYE ANALOGUE 45	55	These s	ettings represent the
011 NON-	-ANALOGUE 45	NONE	analogu	e value at which an
012 NON-	-ANALOGUE 45	NONE	Alert for	Pre-alarm) condition will
013 NON-	-ANALOGUE 45	NONE	be reco	prised from a Eureue
- Instructions			apalogu	e sensor
The 'Loop' menu item allows the	required loop to be se	lected	dhalogo	
The 'Select' menuiter allows al	I addresses to be caled	stad or do coloctod. Individu	und .	
addresses may be selected or d	e-selected by directly o	licking on them in the list.		
The 'Settings' menu item allows mode to be edited.	either the 'Category', 'A	slert Trip', 'Fire Trip', or i/o u	nit	
The'Save' menuitem allows data loop.	a to be saved either fo	r all loops or just the current		
The'Done' menu item returns to	the main panel editing	window.		
Clicking on a parameter button v	while some addresses i	n the list are selected will tru	to 👘 👘	
update the appropriate parameter any suspect combinations.	er for the selected add	esses, with suitable prompt	s for	

### **4.13.** Sensitivity > Default : Settings > Fire trips. User can program fire trips settings for each individual sensor(cause)



5.11 Sensitivity > Day Night: Settings > Categories User can set fire trip values , to each individual sensor , for DAY TIME or NIGHT TIME settings.

💐 GLT P	Premier AL P	anel Day/Nig	ght Sensitivi	ty Levels				
Loop Se	elect Setting	s Save Deta	ils Done					
-Job De O	etails Day Nigh	TINE FYREYE F htTime FYREYE	ire Trips Fire Trips				Job Name	madagascar
	Farrer		raner	Name	SWANSEA		Directory	C:\CauseANDEffect
Curren	t Settings F	or Loop 1 —					DayTime	Fire Trips
			Numb	er of Add	resses Selected	0		
ADR POIN	T TEXT	TYPE	DAY	NIGHT		-		55
001		NON-ANAL(	GUE NON	E NONE				
002		NON-ANALO NON-ANALO	GUE NON	E NONE E NONE				60
004		NON-ANALO	GUE NON	E NONE				
005		NON-ANALO	GUE NON	E NONE				65
007		NON-ANALA	GUE NON	E NONE				
008		NON-ANALO	GUE NON	E NONE				70
009		NON-ANALO	GUE NON	E NONE				
010		NON-ANALO	GUE NON	E NONE			These se	ttings represent the
012		NON-ANALO NON-ANALO	GUE NON	E NONE			analogue	value at which a Fire
013		NON-ANALO	GUE NON	E NONE		-	condition	would be recognised
							📕 from a FY	REYE analogue
Instruc The 'Loo The 'Sel addresse using the The 'Set The 'Sav The'Don Clicking update ti suspect	tions op' menu item es may be select es Shift kay to s ttings' menu item re' menu item r on a paramete combinations.	allows the requ r allows all addi ceted or de-sele elect ranges, m allows either allows data to b eturns to the m er button while parameter for	ired loop to be sected by direct the Daytime of the saved either ain panel editti some addresse the selected a	selected, lected or o y Control-o r Nighttime for all loop ag window so in the lis ddresses, t	de-selected. Individua licking on them in th s Fire Trip to be edite us or just the current t t are selected will try with suitable prompts	al e list, or d. loop. to for any	sensor. T These are the daylin mode is a	he normal value is 55. s the values used in ne when day/night ctive.

6.11 Select Output > Loop outputs. The user MUST DECLARE outputs(effect). If a Sounder is not declared , then it will not operate, even if the loop has configured it , on the Premeir AL Loop Output C&E in the the engineers menu. All loop output devices must be set, with Channel A(bit 0), B(bit 1), C (bit 2) Command settings.

Panel Layout Spe Details O Job Num	cial Functions Sens	itivity Select Output	Allocate Zones/	Groups Edit Ti Job Name	exts Print Quit madagascar
Panel Num	ber 5 Pa	nel Name <mark>SWA</mark>	NSEA	Directory	C:\CauseANDEffect
- Specify N	ew Loop Output -				
1	001 007 002 008 003 009 004 010 005 011 006 012	PUINT 013 019 014 020 015 021 016 022 017 023 018 024	025 026 027 028 029 030	031 032 033 034 035 036	CHANNEL A B C QK
Click c loop out to ente	on the required lo put. Click on 'OK r a user text for th	op number, point ad when the appropria ne new output, or cli new loop ou	dress and cha ite values are ck on 'Exit' to tput.	nnel to speci highlighted to abandon spe	ify a new is continue ecifying a
	Er	p Output Text ter user text for loop out	put L1:0094		OK Cancel
	15	JUNDER			

Once a loop out put is declared. Then the User can manipulate/program its	
behaviour(effect). Highlight the loop output and CLICK the CAUSES Button.	

GLT Premier AL	Cause/Effect - Prem	nier AL Panel Main I	Editor			
liew Panel Layout	Special Functions Si	ensitivity Select⁄Out	put Allocate Zones/G	roups Edit Texts P	rint Quit	
Job Details O	Number 11111			Job Name	madagascar	] .
Panel	Number 5	Panel Name	SWANSEA	Directory C:\C	auseANDEffect	
Loop Output Cau	se/Effect					
Loop Output(s	) <mark>L1:009A</mark> SOUN	DER				
		Cau	ses			
	Cause Types —					
	Select eithe	er 'Local' or 'Netwo	ork' cause by clicki	a on the		
	appropriate but	on. Selecting 'Net	work' will bring up a	list of panels		
	will give a list of	irce panel can be : f available causes	specified, while self suitable for a stand	-alone panel.		
	Clicking on	'Exit' will return to	the output cause li	st screen.		
		Notwork Cause		Ewit		
	<u>L</u> ocal cause	Metholk Cause				
<u>A</u> dd Cause	<u>D</u> elete Cause(s)	<u>C</u> opy Cause(s)	Paste Cause(s)	<u>S</u> ave	E <u>x</u> it	

Choose either Local for a Single Panel. Or Network for a network of Panels.

\*\*\*WARNING.MAKE SURE YOU ARE FULLY CAPABLE AND UNDERSTAND CAUSE AND EFFECT. RECORD STATE OF CAUSES > AND RECORD NEW CAUSES CREATED, SO THAT IT CAN BE DELETED IF PANEL DOES NOT OPERATE OR GIVES A FAULT) USER MUST RETRACE STEPS, IN CASE USER HAS TO DELETE A BADLY CREATED CAUSE AND EFFECT\*\*\*

#### CHOOSING LOCAL WILL BRING UP ARANGE OF FLAG?CAUSE TYPES WHICH ARE DEFINED :-

- Zone Fire Single Knock Operate Until Reset
- One single device in fire within the assigned zone will cause the selected output to operate until SYSTEM RESET.
- Zone Fire Single Knock Operate Until Silence
- As above except operates until SILENCE ALARMS is pressed.
- Zone Fire Double Knock Operate Until Reset
- Two devices in fire within the assigned zone will cause the selected output to operate until SYSTEM RESET.
- Zone Fire Double Knock Operate Until Silence
- As above except operates until SILENCE ALARMS is pressed.
- Zone Fire Triple Knock Operate Until Reset

• Three devices in fire within the assigned zone will cause the selected output to operate until SYSTEM RESET.

#### • Zone Fire Triple Knock Operate Until Silence

• As above except operates until SILENCE ALARMS is pressed.

#### • Zone Alert Operate Until Causes Clear

• Any single device in alert within the assigned zone will cause the selected output to operate until no longer in alert.

#### • Zone Fault Operate Until Causes Clear

• Any single device in fault within the assigned zone will cause the selected output to operate until no longer in fault.

#### • Zone Indication Operate Until Causes Clear

• Any single indication only device (not fire, alert or fault mode) operated within the assigned zone will cause the selected output to operate until the signal is removed.

#### • Common Fire Operate Until Reset

• Any device in fire will cause the selected output to operate until SYSTEM RESET.

#### • Common Fire Operate Until Silence

• As above except until SILENCE ALARMS is pressed.

#### • Common Alert Operate Until Causes Clear

• Any device in alert will cause the selected output to operate until no longer in alert.

#### • Common Fault Operate Until Causes Clear

• Any device in fault will cause the selected output to operate until no longer in fault.

#### • Common Indication Operate Until Causes Clear

• Any indication only device (not fire, alert or fault mode) operated will cause the selected output to operate until the signal is removed.

#### • Alarms Silenced Operate Until Causes Clear

• Pressing the Alarms Silenced (or remote Alarms Silenced) control will cause the selected output to operate until the signal is removed.

#### • System Reset Operate Until Causes Clear

• Pressing the System Reset (or remote System Reset) control will cause the selected output to operate for 10-15 seconds until the signal is removed.

#### • Evacuate Operate Until Causes Clear

- Pressing the Evacuate (or remote Evacuate) control will cause the selected output to operate until the system is no longer in Evacuate.
- Zone Fire Single Knock Inhibit Until Reset

- Any single device in fire within the assigned zone will prevent operation of the selected output until SYSTEM RESET. If the selected output is already operating, this cause condition will revert to its quiescent state.
- Zone Fire Double Knock Inhibit Until Reset
- Any two devices in fire within the assigned zone will prevent operation of the selected output until SYSTEM RESET. If the selected output is already operating, it will revert to its quiescent state.
- Zone Alert Inhibit Until Causes Clear
- Any single device in alert within the assigned zone will prevent operation of the selected output until no longer in alert. If the selected output is already operating, it will revert to its quiescent state.
- Zone Fault Inhibit Until Causes Clear
- Any single device in fault within the assigned zone will prevent operation of the selected output until no longer in fault. If the selected output is already operating it will revert to its quiescent state.
- Zone Indication Inhibit Until Causes Clear
- Any single indication only device (not fire, alert or fault mode) operated within the assigned zone will prevent operation of the selected output until the signal is removed. If the selected output is already operating, it will revert the selected output to its quiescent state.
- Common Fire Inhibit Until Reset
- Any device in fire will prevent operation of the selected output until SYSTEM RESET. If the selected output is already operating, it will revert the selected output to its quiescent state.**Common Alert Inhibit Until Causes Clear**
- Any device in alert will prevent operation of the selected output until no longer in alert. If the selected output is already operating, it will revert the selected output to its quiescent state.
- Common Fault Inhibit Until Causes Clear
- Any device in fault will prevent operation of the selected output until no longer in fault. If the selected output is already operating, it will revert the selected output to its quiescent state.
- Common Indication Inhibit Until Causes Clear
- Any indication only device (not fire, alert or fault mode) will prevent operation of the selected output until the signal is removed. If the selected output is already operating, it will revert the selected output to its quiescent state.
- Alarms Silenced Inhibit Until Causes Clear
- Pressing the Alarms Silenced (or remote Alarms Silenced) control will prevent operation of the selected output until the signal is removed. If the selected output is already operating, it will revert the selected output to its quiescent state.
- System Reset Inhibit Until Causes Clear

- Pressing the System Reset (or remote System Reset) control will prevent operation of the selected output for 10-15 seconds until the signal is removed. If the selected output is already operating, it will revert the selected output to its quiescent state.
- Evacuate Inhibit Until Causes Clear
- Pressing the Evacuate (or remote Evacuate) control will prevent operation of the selected output until the system is no longer in Evacuate. If the selected output is already operating, it will revert the selected output to its quiescent state.

CHOOSING NETWORK, WILL BRING A LIST OF PANELS AND CAUSES (FLAGS) The flag or Cause definitions are the same, as above, with additional Flag/ Causes available. These are:-

3.4.1. Add New Flag.Creating Unique Causes: WARNING.MAKE SURE YOU ARE FULLY CAPABLE AND UNDERSTAND CAUSE AND EFFECT. RECORD STATE OF CAUSES > AND RECORD NEW CAUSES CREATED, SO THAT IT CAN BE DELETED IF PANEL DOES NOT OPERATE OR GIVES A FAULT or A BADLY WRITTEN CAUSE AND EFFECT/MISTAKE) \*\*\*\* TIP: BACK UP FOLDER THEN CREATE CAUSE AND EFFECT\*\*\*

When this option is selected, a box appears identifying the new flag number, and offering various option buttons plus a 'Cancel' button. Flag specification takes place in four stages, with appropriate options being given at each stage.

GLT Premi	ier AL Cause/Effe	ect - Premier AL Panel Mair	n Editor		X
View Panel L	ayout Special Fun	nctions Sensitivity Select O	utput Allocate Zones/Groups	Edit Texts Print Quit	
- Job Details 0	Job Number	11111	Job	Name madagascar	
- Loop Duite	Add a Flag - Dalata	a Elaa - Dviet - Ovit			
	Add a Flag Delete	e Hagi Princi Quic			
Coop o		ob Number 11111 Job	Name madagascar	Directory C:\Ca	auseANDEffect
	Pane	el Number Pan	<mark>el Name</mark> LEISURE CENTRI		
-Select Net	Curre	N	lew Flag Cause Combinatio	n	
NUM. NAME	NG05210N =LI	Select required cause c	ombination by clicking on l	he appropriate button, or	
001 FACP	NG0522EVC=C	click on	'Exit' to abandon new flag	definition.	
002 HILT	NG05230N =C				
003 LEIS	NGU324UN =LI		EDE		
004 GLT 1		Flag Number	525		
005 SWAN		n.b. Flags 1-520 are p	re-defined.	<b>5</b> 3	
				Exit	
Num. Fun		<u>S</u> ingle Knock	Double Knock	<u>T</u> riple Knock	
0001 Com		Single Knock Bange	Double Knock Bange	Triple Knock Bange	
0003 Com	l		- 2		
0004 Com					
0006 Com					
Select a		New Flag Ider	tification	× ×	
Selecta		Enter a referer	nce text for network flag 525		
			<i>-</i>		
				Cancel	
		demo			
		,			

**3.4.1.1.** Stage 1 - Cause number & Combination Options. There are six options on offer here, as well as a 'Cancel' button to return to the menu bar options.

3.4.1.1.1. Single Knock

Select this button to specify an individual cause to operate the flag by

itself. This allows for four types of cause:- Common Cause, Loop Cause, Input Cause, or Zone Cause.

3.4.1.1.2. Double Knock

Select this button to specify two individual causes to operate the flag when both causes are active simultaneously. This allows for three types of cause:- Loop Cause, Input Cause, or Zone Cause.

3.4.1.1.3. Triple Knock

Select this button to specify three individual causes to operate the flag when all three causes are active simultaneously. This allows for three types of cause:- Loop Cause, Input Cause, or Zone Cause.

3.4.1.1.4. Single Knock Range

Select this button to specify a range of causes any one of which will operate the flag by itself. This allows for three types of cause:- Loop Cause, Input Cause, or Zone Cause.

3.4.1.1.5. Double Knock Range

Select this button to specify a range of causes to operate the flag when when any two causes are active simultaneously. This allows for three types of cause:- Loop Cause, Input Cause, or Zone Cause.

3.4.1.1.6. Triple Knock Range

Select this button to specify a range causes to operate the flag when any three causes are active simultaneously. This allows for three types of cause:- Loop Cause, Input Cause, or Zone Cause.

3.4.1.2. Stage 2 - Cause Type.

There are four possible options here:-

3.4.1.2.1. Common Cause

This option is only available as a Single Knock cause, and brings up a list of available Common Causes together with an 'OK' button and a

'Cancel' button.

**3.4.1.2.2.** Loop Cause

This option brings up a box with a list of available loop numbers, a list of possible sensors, and a list of possible sensor status conditions,

together with an 'OK' button and a 'Cancel' button.

3.4.1.2.3. Input Cause

This option brings up a box with a list of available inputs together with an 'OK' button and a 'Cancel' button.

3.4.1.2.4. Zone Cause

This option brings up a box with a list of possible zone numbers and a list of possible zone status conditions, together with an 'OK' button and a 'Cancel' button.

3.4.1.3. Stage 3 - Cause Selection.

There are seven variations here:-

3.4.1.3.1. Single Common Cause

This involves clicking on a Common Cause in the list to select it, then clicking on the 'OK' button to proceed to stage 4.

n.b. the Common Cause list will be removed from the screen as soon as the cause is selected, or the 'Cancel' button is operated.

3.4.1.3.2. Single Loop Cause

This involves clicking on a loop number, and a sensor number, and a sensor status condition before operating the 'OK' button. An appropriate number of loop causes need to be selected depending upon whether Single-Knock, Double-Knock or Triple-Knock has been specified before proceeding

to stage 4.

n.b. the loop cause list will remain visible until sufficient causes have been selected, or the 'Cancel' button is operated.

3.4.1.3.3. Single Input Cause

This involves clicking on an input number then operating the 'OK' button. An appropriate number of input causes need to be selected depending upon whether Single-Knock, Double-Knock or Triple-Knock has been specified before proceeding to stage 4.

n.b. the input cause list will remain visible until sufficient causes have been selected, or the 'Cancel' button is operated.

3.4.1.3.4. Single Zone Cause

This involves clicking on a zone number and a zone status condition before operating the 'OK' button. An appropriate number of zone causes need to be selected depending upon whether Single-Knock, Double-Knock or Triple-Knock has been specified before proceeding to stage 4.

n.b. the zone cause list will remain visible until sufficient causes have been selected, or the 'Cancel' button is operated.

3.4.1.3.5. Range of Loop Causes

This involves clicking on a loop number, and a range of sensor numbers, and a sensor status condition before operating the 'OK' button. The range of sensor numbers is selected by moving the mouse pointer to the first sensor number, pressing the left mouse button and dragging the mouse pointer to the last sensor number before releasing the button. The selected devices will be highlighted.

n.b. the loop cause list will be removed from the screen when either a valid cause is selected, or the 'Cancel' button is operated.

**3.4.1.3.6.** Range of Input Causes

This involves selecting a range of input numbers before operating the 'OK' button. The range of input numbers is selected by moving the mouse pointer to the first input number, pressing the left mouse button and dragging the mouse pointer to the last input number before releasing the button. The selected inputs will be highlighted.

n.b. the input cause list will be removed from the screen when either a valid cause is selected, or the 'Cancel' button is operated.

3.4.1.3.7. Range of Zone Causes

This involves selecting a range of zone numbers, and a zone status condition before operating the 'OK' button. The range of zone numbers is selected by moving the mouse pointer to the first zone number, pressing the left mouse button and dragging the mouse pointer to the last zone number before releasing the button. The selected zones will be highlighted.

n.b. the zone cause list will be removed from the screen when either a valid cause is selected, or the 'Cancel' button is operated.

**3.4.1.4. Stage 4 - Clearing Mode Selection.** 

The options presented here will depend upon the cause type selected, but as soon as one of these options has been selected then the appropriate cause will be added to the definition for the current flag, and the program will return to stage 1 above, still for the same flag, so that further causes may be specified for that flag.

3.4.1.4.1. On Till Cause Clear

This option is available for all cause types, and means that the flag will only be activated while the cause itself is active.

3.4.1.4.2. On Till Silence

This option is available for 'Fire' causes only, and means that the flag will only be activated until the alarms are silenced.

3.4.1.4.3. On Till Reset

This option is available for 'Fire' causes only, and means that the flag will remain active until the system is reset. This normally has the same effect as 'On Till Cause Clear' because a 'Fire' cause is usually latching until reset.

**3.4.1.4.4.** Off Till Cause Clear :This option is available for all cause types, and means that the flag will be forced off (inhibited) while the cause is active.

WHEN THE CAUSE IS CRETAED, THE USER MUST <u>SAVE</u> CAUSE, AT THIS POINT OR CAUSE WILL NOT BE PROGRAMMED. THIS CAUSE IS PLACED INTO THE HEX FILE FOR DONLOADING TO PANEL. THE HEX FILE RECORDS THE PANEL CAUSE AND EFFECTS.

LOOP OUPUTS CAN BE DELETED , BUT THE CAUSES IN THEM , MUST BE DELETED FIRST.

6.12 Select Output > Panel outputs. Software Timers and I/O board Programming. Cause and Effect are the Same as described for Loop Outputs.

WARNING.MAKE SURE YOU ARE FULLY CAPABLE AND UNDERSTAND CAUSE AND EFFECT. RECORD STATE OF CAUSES > AND RECORD NEW CAUSES CREATED, SO THAT IT CAN BE DELETED IF PANEL DOES NOT OPERATE OR GIVES A FAULT)



7.11 Allocate Zone/Groups > Allocate > Allocate Zone/Groups to Points. This Section is where the USER, plans a list of which zones and groups the sensor/detectors are to be allocated or placed in. Also Grouping in common or local. There are 32 Zones, which are mutually exclusive. If sensor 1 is in zone 1, it cannot be placed in any other Zone upto zone 32. It can however be placed in any zone/group from 33 to 248.

S GLT Premier AL Panel Zone /Group Allocation	X
View Allocate Done	
Job Details	
0 Job Number IIIII	Job Name madagascar
Panel Number 5 Panel Name	SWANSEA Directory C:\CauseANDEffect
Select up to 1 zone (1-32) and/or up to 7 groups then Click on 'ADD' to add the select or click on 'REMOVE' to remove the selec Use the Shift key to select ranges, or the C Click on 'Done' Point Selection	(33-255), 1 loop and any combination of points, d zone/groups to the selected points, ted zone/groups from the selected points. ontrol key for multiple individual addresses. when finished. Zones/Groups 001 ( ) 002 ( )
	003 ( )
Points	
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	007 ( ) 008 ( ) 009 ( ) 010 ( ) 011 ( ) 012 ( )
	<u>AUU <u>K</u>EMUYE <u>D</u>one</u>

#### **Premier AL Zone/Group Allocation**

n.b. Although the word ZONE is generally used in this area, zones 33-255 are reserved for cause/effect operations and are often referred to as groups (including the panel menu pages). Each loop device may be allocated to 1 zone (1-32) and up to 7 groups (33-255). Each panel input may be allocated to up to 8 groups (33-255).

Here is Also where to REMOVE sensors from zones and Groups.

7.12 Allocate Zone/Groups > View >

This screen offers the following menu options:-

Allocate Zone/Groups > View > Zones groups for points This brings up two boxes, one giving a list of available loops and a list of sensor addresses, while the other gives up to the zone number and up to seven group numbers and a 'Cancel' button. Whenever a loop number and a sensor number are selected, the list of zones/groups identifies the currently allocated zones/groups for that sensor.

Operating the 'Cancel' button clears these boxes from the screen and reenables the menu options.

Allocate Zone/Groups > View > Zones groups for Input

This brings up two boxes, one giving a list of available panel inputs, while the other gives up to eight group numbers and a 'Cancel' button.

Allocate Zone/Groups > View > Point/inputs for zone group.

User can view what is allocated. (L1:001 = Loop 1, device address 001 is in zone 1)

GLT Premier AL Panel Zone/Group Allocation			x
View Allocate Done			
- Job Details 15 Panel Number 5 Panel Name	SWANSEA	Job Name Directory	madagascar C:\CauseANDEffect
Click on a zone/group numbe Click here or 'Exit' button to remove the zor Allocation for Selected Zone/Group L1:001 L1:002 L1:004 L1:004 L1:006 L1:006 L1:006 L1:009 L1:009 L1:011 L1:011 L1:011 L1:011 L1:011 L1:011 L1:011 L1:011 L1:011 L1:011	r to view its inputs a re/group and allocal Zones/Groups - 001 ( 002 ( 003 ( 004 ( 005 ( 006 ( 007 ( 008 ( 009 ( 010 ( 011 ( 013 (	Zones/Grou	he screen.

8.11 Edit texts > Select Text Category >

😹 GLT Premier AL Tex	t Editor					×
View Function Key Texts	Select Text Category	Quit				
Job Details Job Nu	Panelkijame Taputa	) Name	madagascar	Directory C:	\CauseANDEffect	
Panel Nur	Outputs	el Name	SWANSEA	Panel Type	11	
,	Loop Outputs					
	Points					
	Zones/Groups Network Flags					
	Hothonthago	l				

Here the user can define Point texts, panel name etc.

\*\*remember to press ENTER and also SAVE TEXT LABELS\*\*

REMEMBER TO PRESS ENTER TO SAVE TEXT ON THE LINE. ALSO TO SAVE AFTER EDITING TEXT LABELS. THE DEVICES / SENSORS / POINTS ARE NOW LABELLED AND WILL SHOW UP ON THE DISPLAY OF THE PANEL, and AMS ALARM MANAGER SOFTWARE.

9.11 Print . User Has certain parameters and Cause Effect settings that can be printed. MAKE SURE A PRINTER IS ATTACHED TO PC.



<u>ان ان ان ا</u>	ilti	Pren	nier	AL C	aus	e/Efí	fect E	ditor																				×
Pan	els	Edit	Pane	l Dat	a F	Print	Hex	Files	Comm	Port	Quit																	
Jot	De	etails	: <mark>J</mark>	ob N	łu _	Lis	t of Pa	anels		1e	;	mada	gasca	IT	Di	rectory	0	:\Cau	seAN	DEffe	ct							
	1. N. 1 F 2 H 3 L 5 S 6 R	AME ACP IILT EISU LT 1 LT 1 HTT EP 1	CLI CLI DN H URE HEAL SEA	CEN COTE CEN OUTA IND PRE		Par Use Ca Zou Seu Tim An Ne Pla	nel Lag er Tex use/El ne Allcd nsitiviti ning Pa alogue twork twork	yout ffect ( ccatior y Cod arame a Value Response Sound	harts es ers es es es es es		Inputs Outpu Loop ( Senso AL 1 AL 1 RL N	mada : : : : : : : : : : : : :		y Pane y Pane y Pane y Pane y Pane eater				: <b>\Lau</b>										
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#### \*\*\*THE FACP PANEL EVENT HISTORY LOG IS NOT A PRINTABLE FEATURE. IT IS NOT SUPPORTED.THIS IS BECAUSE IT CANNOT BE UPLOADED.\*\*\*

**10. DOWNLOADING TO PANEL:** 

WHEN YOU ARE READY TO COMMIT CAUSE AND EFFECT CONFIGURATION AND SETTINGS TO PANEL. THEN YOU MUST DOWNLOAD CAUSE AND EFFECT FILES TO PANEL VIA SERIAL COMM CONNECTOR CABLE OR USB TO SERIAL COMM CONNECTOR CONVERTER CABLE.

GO INTO THE EDITOR WINDOW BELOW. HIGHLIGHT PANEL FILE. CHECK CHANGES AND CHOOSE PANEL NUMBER WITH PANEL HIGHLIGHTED <u>\*\*WARNING:</u> DO NOT CHOOSE ANOTHER PANEL NUMBER IF IT DOES NOT MATCH THE HIGHLIGHTED PANEL. DO NOT CHECK CHANGES WITH PANEL 4, WITH PANEL 5 SETTINGS.\*\*

🐕 GLT Premier AL Cause/Effect Editor	×
Panels Edit Panel Data Print Hex Files CommPort Quit	
Job Details Job Number Check Changes madagascar Directory C:\CauseANDEffect	
Downgoat to Panel	
make nex ne ting Panets	
NUE, NARE IIIE DAIFACE CLEAN SLATE B. L111Premier M. 1-2/1-4 Loop Panel	
002 HILTON HOTEL B. [11] Premier AL 1-2/1-4 Loop Panel	
003 LEISURE CENTRE B.[11]Premier AL 1-2/1-4 Loop Panel	
004 GLT HEADQUARTERS B. [11] Premier AL 1-2/1-4 Loop Panel	
006 REP ALG FREM AL GAR A. [10]Premier AL Network Repeater	
itart 🧶 😢 오 🏠 😳 🧊 📑 Speed   🕑 DC++   🧟 Kaspe   🍱 manuals   🖄 GLT P   💆 Zeta A   🕥 Inbox   🖄 Adobe   🗞 😔 🛛 🔜	- <b>R</b>
ONCE FINISHED CHOOSE MAKE HEX FILE.	

Hex Files

This menu option includes sub-options for either creating hex files for any panels whose cause/effect has changed, creating a hex file for the selected panel, or downloading appropriate data to the selected panel.

If 'Check Changes' is selected then a list of panels whose cause/effect data has been changed since their hex file was last created will be displayed, with the options to re-create hex files for all of the listed panels, or to select individual panels to re-create hex files for. In either case the appropriate hex-file program for each panel will be executed in turn.

If 'Download' is selected then the appropriate download program for the selected panel type will be executed.

If `Make Hex File' is selected then the appropriate hex-file program for the selected panel will be executed.

n.b. The 'Download' programs that are currently available will be accessible directly from Windows as separate Program Manager items, with a built-in facility to locate and identify the appropriate design files.

#### N<u>OW GOTO THE COMM PORT AND SET THE RIGHT COMM PORT THAT THE</u> PC DATA CABLE TO PANEL IS CONNECTED TO. ( COMM 1 Or COMM 2)

THEN CHOOSE DOWNLOAD TO PANEL. MAKE SURE PC CABLE TO PANEL IS ATTACHED.

# **USER WILL BE PROMPTED TO ENTER ACCESS CODE.** (default 8812)

Once the panel details have been identified, the program requests the current panel access code to be entered. The program then asks whether or not the panel name or job name is to be used for the company logo on the panel, before checking what information is available for downloading.

GLT Premier AL Panel Download	d Utility 🧏	X
Job Details Job Number 11111 Panel Number 5	1 Job Name madagascar Directory C:\CauseANDEffect Panel Name SWANSEA Panel Type 11	
Panel Identification	Logo	
Type Number N	Name Version	
	Checking Data Files	
	e anz	
	Company Logo Options	
	Do you wark to use the Panel Name or the Job Name for the panels's Company Logo?     Concern Vesf or the Panel Name, or this No Work the Job Name.     Note:- For a network panel you should select 'No' since the Panel Name will be shown separately on the panel, but     either is valid for a stand-alone panel.     Yes     No	

The program then tries to identify the panel connected to the serial port of the computer. A red Progress Bar indicates communication.

LT Prem ad Quit	nier AL Panel C	)ownload U	Itility				
Details	Job Numbe Panel Numbe	er 11111 r 5	Job Name Panel Name	madagasc SWANSE/	ar 🔤	Directory Panel Type	C:\CauseANDEffect
el Ident	ification	Lo	igo			Version	
			Trying t	o Access P	anel		
	0% 10	1% 20% 1111111111111	30% 40%	50% 60%	70% 80%	90% 100 111111111111	*

The User will be prompted to ENABLE the SSD DIP SWITCH(WRITE ENABLE/DISABLE), in the PREMIER AL.



\*\*\*\*\*WARNING, DO NOT DISRUPT OR INTERUPT DOWNLOAD PROCEDURE OR WHEN PREMEIR AL DISPLAYS " COMPUTER ACCESS IN PROGRESS PANEL DISABLED". \*\*\*\*\*\*

If Interrupted, repeat whole procedure again as data corruption can occur.

The program will default to using the 'COM1:' port unless another port is specified in the GLTCOMM.INI file. This file may be updated via the menu item in the main menu screen.

Failure to access the panel will terminate the program. If the panel can be accessed, then its identification details will be extracted and checked as described in 3.5.2. below. 3.5.1. Job & Panel Selection

This facility involves the standard Windows style drive and directory selection boxes, plus a list of possible jobs, and a list of possible panels. Each time a new directory is selected the program will check for any design files in that directory, and if it finds any will display a list of the jobs contained in that directory. It will then automatically select the first job (which will normally be the only job in a given directory), and display a list of the panels for that job. If there happens to be more than one job in the same directory, then clicking on the job list will change the selected job and bring up a list of panels for the new job.

Selecting a panel, then Clicking on the 'Download' menu function will continue to the next stage for the selected panel. Clicking on 'Quit' will terminate the program. 3.5.2. Checking Panel Identification.

The identification details retrieved from the panel include the panel's type code, its currently defined number and name, and the version of motherboard software installed.

If the type code returned is not 11 which represents the Premier AL panel, then the program will terminate.

If the panel number returned is different from that specified on the computer, then a prompt will appear asking whether it is required to change the panel's number or not. If 'No' is selected, and the number returned by the panel is not 0 then the program will terminate, otherwise if the number from the panel is 0 then the panel name will be checked, but if 'Yes' is selected then the panel number specified on the computer will be transferred to the panel, and the program will then proceed to check the panel name. Similarly if the panel name returned is different from that specified on the computer, then an option will be given to update the name stored in the panel to that specified on the computer. This time however selecting 'No' will not terminate the program, but proceed directly to the next stage.

n.b. a stand-alone panel will always return a panel number of 0, and this cannot be changed.

3.5.3. Selecting Download Information.

When the panel's identification has been successfully checked, a list of suitable data files existing on the computer will be displayed, with the option to download all of the data, or just selected files. Clicking on 'All' will download all of the available information to the panel, while Clicking on 'Selected' will only download any files that are highlighted in the list.

n.b. A progress bar will be displayed during each download process for reference. Also if the panel has a switch for write-protecting its EEPROM memory, and that switch is in the 'Protected' position, then a warning prompt will be displayed giving the user an opportunity to move the switch into the 'Enabled' position before proceeding with the download, or to terminate the download process.



3.5.4. Uploading Information.

When the panel's identification has been successfully checked, a list of suitable data files existing on the computer will be displayed, with the option to download all of the data, or just selected files. The menu bar will also include an Upload option allowing the following items to be uploaded:-

1. Access Code. If linking to a new panel, and user wants to change access code.

- 2. Panel Layout. User can check panels layout, and analyse/diagnose any /settings.
- 3. Delay Parameters. User c check panels delay settings

4. Point Texts (Individual loops or all loops). User can analyse/modify device labels.

5. Input Texts. I/O board names/labels.

6. Point Sensitivity (Individual loops, all loops, or manual). User can analyse/diagnose the sensor / point levels for alert and alarm. i.e 45 alert and 70 alarm

7. Analogue Values (Individual loops or all loops).\*\*SEE DIAGRAM BELOW\*\*

8. Zone/Group Allocation. User can uploads current zone group configuration.

9. Local Cause/Effect. User can analyse/diagnose, cause and effect setttings

**10. Network Cause/Effect.** 

11. Network Responses.

**\*\*** Once all or Any of the above information IN Uploaded, it can then be printed via the print menu**\*\***\*\*\*\*



 Appendix A - Cable Connections for Download

 Panel (DB9F) Computer (DB9F) Computer (DB25F)

 2 ------ 2

 3 ------ 2

 5 ------ 5 ------ 7

This is equivalent to a standard 'NULL-MODEM' type cable that is readily available from many computer stores.



CABLE SHOULD BE 3 CORE AND SCREENED. CABLE LENGTH SHOULD BE AT LEAST A COUPLE OF METRES, OR USER / CUSTOMER CHOICE

#### TIPS:

BACKUP FOLDERS . ALWAYS BACK UP CAUSE AND EFFECT FOLDERS. SO THAT ANY ERRORS OR FILE CORRUPTION CAN SIMPLY BE RECTIFIED < BY EDITING OR REPLACING WITH A RECENT BACK UP. BACK UP PROCEDURE IS BY SIMPLY COPY/PASTE FOLDER IN WINDOWS. THIS IS ALSO RECOMMENEDED FOR WHEN CREATING CAUSE AND EFFECT CHANGES. FIRST BACK UP FOLDER AND THEN CREATE CAUSE AND EFFECT CHANGE.

IF A FAULT OR ZONAL LIGHT DOES NOT DISSAPPEAR FROM THE FRONT PANEL, AND USER HAS DELETED A BADLY WRITTEN CAUSE AND EFFECT. THEN DOWNLOAD A NEW CLEAN/NON PROGRAMMED FILE AND THEN DOWNLOAD THE ORINGINAL CAUSE AND EFFECT FILE.

If Encountering, runtime errors, or programs accesss problems. Press CTRL+ALT+DELETE, and make sure to shut down GLT processes in Background, Then Quit all GLT Cause Effect software, and re open programs again.