



# ServiceTool

Powerful, Flexible Service Reporting



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# Powerful, Flexible Service Reporting

Hidden inside your Advanced panel is a powerful tool that will let you:

- Demonstrate proof of servicing
- Download service reports
- Inspect device history
- Keep track of service schedules.

Simply connect your PC to the fire panel using standard RS232 or USB cable and download the data.

You can then filter your data to suit your exact needs according to:

- Network node number
- Zone number
- Device type
- Loop number
- Network node ID.

You can also:

- Create custom categories containing specific devices tagged for quick identification
- Customise reports to show the information you need and export them as PDF, Excel or HTML files.

## Saves Time & Money

Get quick and easy access to a panel's complete device data – both historic and real time via USB/RS232 cable.

- ✓ No more time-consuming manual data extraction and reporting.

Node	Zone	Loop	Address	SubAddress	Description	Device Status	Device Type	Value	Drift	Enabled	Category
200	Panel	1	0		Sounder A	Normal	VOLTAGE	6.4V	-	✓	
200	Panel	1	1		Sounder B	Normal	VOLTAGE	6.3V	-	✓	
200	Panel	2	0		Sounder A Load	Normal	CURRENT	0mA	-	✓	
200	Panel	2	1		Sounder B Load	Normal	CURRENT	0mA	-	✓	
200	Panel	3	0		Battery	TOO LOW	VOLTAGE	15.3V	-	✓	
200	Panel	4	0		Charger Volts	Normal	VOLTAGE	.0V	-	✓	
200	Panel	4	1		Charger Current	Normal	CURRENT	0mA	-	✓	
200	Panel	4	2		Charger Temp(C)	Normal	HEAT	27C	-	✓	
200	Panel	5	0		Earth Volts	Normal	VOLTAGE	2.5V	-	✓	
200	Panel	5	1		System Volts	Normal	VOLTAGE	26.8V	-	✓	
200	Panel	6	0		Aux Load	Normal	CURRENT	160mA	-	✓	
200	Panel	7	0		1st Loop Load	Normal	CURRENT	9mA	-	✓	
200	Panel	7	1		2nd Loop Load	RESET	CURRENT	0mA	-	✓	
200	Panel	8	0		1st Loop V.Out	Normal	VOLTAGE	24.4V	-	✓	
200	Panel	8	1		2nd Loop V.Out	RESET	VOLTAGE	.0V	-	✓	
200	Panel	9	0		1st Loop V.In	Normal	VOLTAGE	24.4V	-	✓	
200	Panel	9	1		2nd Loop V.In	RESET	VOLTAGE	.0V	-	✓	
200	Panel	10	0		Panel Input 1	Normal	SWITCH	L	-	✓	
200	Panel	10	1		Panel Input 2	Normal	SWITCH	L	-	✓	
200	Panel	10	2		Panel Input 3	Normal	SWITCH	L	-	✓	
200	Panel	10	3		Panel Input 4	Normal	SWITCH	L	-	✓	
200	Panel	10	4		Panel Input 5	Normal	SWITCH	L	-	✓	
200	Panel	10	5		Panel Input 6	Normal	SWITCH	L	-	✓	
200	Panel	10	6		Panel Input 7	Normal	SWITCH	L	-	✓	
200	Panel	10	7		Panel Input 8	Normal	SWITCH	L	-	✓	
200	Panel	10	8		Panel Input 9	Normal	SWITCH	L	-	✓	
200	Panel	11	0		Relay 1	RESET	RELAY	-	-	✓	
200	Panel	11	1		Relay 2	RESET	RELAY	-	-	✓	
200	Panel	11	2		Relay 3	RESET	RELAY	-	-	✓	
200	Panel	11	3		Relay 4	RESET	RELAY	-	-	✓	
200	Panel	14	0		Main Supply	Normal	SWITCH	H	-	✓	
200	Panel	19	0		ESPA Pager						

The ServiceTool is available across our range of panels.



MxPro<sup>5</sup>

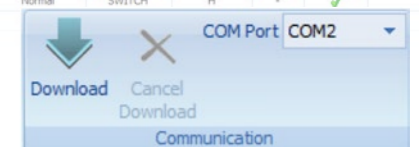


Axis<sup>EN</sup>



Axis<sup>AX</sup>

To find out how the Service Tool could benefit you, or to book a demo, contact us:  
Email: [enquiries@advancedco.com](mailto:enquiries@advancedco.com) [www.advancedco.com](http://www.advancedco.com)





# Provides Complete Device History

View a panel's complete device history including when it was installed and last:

- Activated
  - Disabled
  - Tested
  - Enabled.
- ✓ Provides proof of a panel's status at any given point in time e.g. on commissioning.
- ✓ All data is stored, so none is overwritten and lost.

Node	Loop	Address	SubAddress	Date	Time	Created	Date	Time	Last Activated	Date	Time	Last Test	Date	Time	Last Disable	Date	Time	Last Enable	Date	Time	
0	1	38	0	12/11/2017	02:27:13	16/11/2017	02:03:15	31/12/1999	13:00:00	16/11/2017	02:03:15	31/12/1999	13:00:00	16/11/2017	02:03:15	31/12/1999	13:00:00	16/11/2017	02:03:15	31/12/1999	13:00:00
0	1	39	0	12/11/2017	02:27:13	16/11/2017	02:03:15	31/12/1999	13:00:00	16/11/2017	02:03:15	31/12/1999	13:00:00	16/11/2017	02:03:15	31/12/1999	13:00:00	16/11/2017	02:03:15	31/12/1999	13:00:00
0	1	40	0	12/11/2017	02:27:13	16/11/2017	02:03:15	31/12/1999	13:00:00	16/11/2017	02:03:15	31/12/1999	13:00:00	16/11/2017	02:03:15	31/12/1999	13:00:00	16/11/2017	02:03:15	31/12/1999	13:00:00



# Flags Potential Problems

Use customised data filters to quickly spot how frequently particular devices go into fault.

- ✓ Helps you to focus on potential trouble spots and ensure they are checked during servicing.

Date	Time	Node	Zone	Loop	Address	SubAddress	Device Status	Value
17/11/2017	12:42:04	0	1701	1	10	0	DEVICE FAULT	0
17/11/2017	12:28:23	0	1701	1	10	0	DEVICE FAULT	0
17/11/2017	12:24:10	0	1701	1	10	0	DEVICE FAULT	0
17/11/2017	14:29:16	0	1801	1	34	0	DEVICE FAULT	0
17/11/2017	14:19:40	0	1801	1	34	0	DEVICE FAULT	0
17/11/2017	14:19:40	0	1801	1	35	0	DEVICE FAULT	0
17/11/2017	14:19:40	0	1801	1	36	0	DEVICE FAULT	0
17/11/2017	14:19:40	0	1801	1	20	0	DEVICE FAULT	0
17/11/2017	14:19:40	0	1801	1	29	0	DEVICE FAULT	0
17/11/2017	14:19:40	0	1801	1	31	0	DEVICE FAULT	0
17/11/2017	14:19:40	0	1801	1	32	0	DEVICE FAULT	0
17/11/2017	14:19:40	0	1801	1	33	0	DEVICE FAULT	0
17/11/2017	14:19:40	0	1801	1	25	0	DEVICE FAULT	0

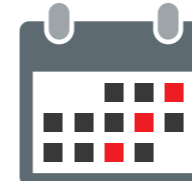


# Shows Proof of Servicing

Get an 'at-a-glance' view of the current status of a panel's devices.

- ✓ Easily spot devices that haven't been tested so you can check the accuracy of third-party servicing reports.

Date	Time	Node	Zone	Loop	Address	SubAddress	Device Status	Value
13/11/2017	14:19:33	0	9	1	20	0	DEVICE MISSING	0
13/11/2017	14:19:38	0	3	1	13	0	Normal	1
13/11/2017	14:19:38	0	2	1	12	0	Normal	1
13/11/2017	14:19:39	0	6	1	16	0	Normal	1
13/11/2017	14:19:39	0	5	1	15	0	Normal	1
13/11/2017	14:19:39	0	4	1	14	0	Normal	1
13/11/2017	14:19:39	0	10	1	21	0	Normal	1
13/11/2017	14:19:39	0	9	1	20	0	Normal	1
13/11/2017	14:19:39	0	9	1	19	0	Normal	1
13/11/2017	14:19:39	0	8	1	18	0	Normal	1
13/11/2017	14:19:39	0	7	1	17	0	Normal	1
13/11/2017	14:19:39	0	1801	1	26	0	DEVICE FAULT	0
13/11/2017	14:19:39	0	12	1	24	0	Normal	1
13/11/2017	14:19:39	0	11	1	23	0	Normal	1
13/11/2017	14:19:39	0	10	1	22	0	Normal	1
13/11/2017	14:19:40	0	1801	1	27	0	DEVICE FAULT	0
13/11/2017	14:19:40	0	1801	1	33	0	DEVICE FAULT	0
13/11/2017	14:19:40	0	1801	1	32	0	DEVICE FAULT	0
13/11/2017	14:19:40	0	1801	1	31	0	DEVICE FAULT	0
13/11/2017	14:19:40	0	1801	1	29	0	DEVICE FAULT	0
13/11/2017	14:19:40	0	1801	1	28	0	DEVICE FAULT	0
13/11/2017	14:19:40	0	1	1	11	0	Normal	1
13/11/2017	14:19:40	0	1701	1	10	0	Normal	0
13/11/2017	14:19:40	0	1801	1	36	0	DEVICE FAULT	0
13/11/2017	14:19:40	0	1801	1	35	0	DEVICE FAULT	0
13/11/2017	14:19:40	0	1801	1	34	0	DEVICE FAULT	0
13/11/2017	14:19:43	0	1801	1	26	0	Normal	0
13/11/2017	14:19:43	0	1801	1	25	0	Normal	0
13/11/2017	14:19:44	0	1801	1	29	0	Normal	0
13/11/2017	14:19:44	0	1801	1	28	0	Normal	0



# Simplifies Service Scheduling

Identify devices not recently checked and highlight them with flags so they're prioritised on the next service visit.

- ✓ Keep on top of service schedules so you never miss a deadline again.

Node	Zone	Loop	Address	SubAddress	Description	Device Status	Device Type	Value	Drift	Category	Enable
1801	1	32	0	Unit 1	Normal	MULTI_SENSOR	1	0%		Service on next visit	✓
1801	1	25	0	Unit 2	Normal	SOUNDER	-	-	-	Service on next visit	✓
1801	1	26	0	Unit 3	Normal	SOUNDER	-	-	-	Service on next visit	✓
1801	1	28	0	Unit 4	Normal	SOUNDER	-	-	-	Service on next visit	✓
1801	1	29	0	Unit 5	Normal	SOUNDER	-	-	-	Service on next visit	✓
1801	1	30	0	Unit 6	Normal	SOUNDER	-	-	-	Service on next visit	✓
1801	1	31	0	Unit 7	Normal	SOUNDER	-	-	-	Service on next visit	✓
1801	1	34	0	Ground Common	Normal	SOUNDER	-	-	-	Service on next visit	✓
1801	1	35	0	Level 1 Common	Normal	SOUNDER	-	-	-	Service on next visit	✓
1801	1	36	0	Level 2 Common	Normal	SOUNDER	-	-	-	Service on next visit	✓
1701	Panel	19	0	ESPA Pager	Normal	MONITOR	-	-	-	Service on next visit	✓
1701	Panel	21	0	RETRIEVER GROUND	Normal	VOLTAJE	JOB	-	-	Service on next visit	✓
1701	Panel	22	0	Display bus LED card	Normal	MONITOR	-	-	-	Service on next visit	✓
1701	Panel	22	1	Display bus LED card	Normal	MONITOR	-	-	-	Service on next visit	✓
1701	Panel	22	2	Display bus LED card	Normal	MONITOR	-	-	-	Service on next visit	✓
1701	Panel	22	3	Display bus LED card	Normal	MONITOR	-	-	-	Service on next visit	✓
1701	Panel	25	0	Nonvoted Inverter	Normal	MONITOR	-	-	-	Service on next visit	✓
1801	Panel	165	0	EVAC STAIR	Normal	RELAY	-	-	-	Service on next visit	✓
1801	Panel	165	1	Door Release	Normal	RELAY	-	-	-	Service on next visit	✓
1701	Panel	165	2	Peripheral Relay	Normal	RELAY	-	-	-	Service on next visit	✓
1701	Panel	165	3	Peripheral Relay	Normal	RELAY	-	-	-	Service on next visit	✓
1701	Panel	165	4	Peripheral Relay	Normal	RELAY	-	-	-	Service on next visit	✓
1701	Panel	165	5	Peripheral Relay	Normal	RELAY	-	-	-	Service on next visit	✓
1701	Panel	165	6	ESD OTHERS	Normal	RELAY	-	-	-	Service on next visit	✓

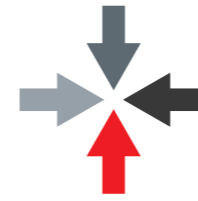


# Creates Customised Service Reports

Choose the data you want to extract from the panel using a wide range of filters.

- ✓ Create completely customised reports in PDF, Excel and HTML formats that are easy to use, send, store and compare.

Devices - DEVICE Faults										
Zone	Loop	Address	SubAddress	Description	Device Status	Device Type	Value	Drift	Category	Enabled
Logs - DEVICE Faults										
Date	Time	Node	Zone	Loop	Address	SubAddress	Device Status	Value		
17/11/2017	13:24:10	0	1701	1	10	0	DEVICE FAULT	0		
17/11/2017	13:28:23	0	1701	1	10	0	DEVICE FAULT	0		
17/11/2017	13:30:46	0	1701	1	10	0	DEVICE FAULT	0		
17/11/2017	13:42:04	0	1701	1	10	0	DEVICE FAULT	0		
13/11/2017	14:19:40	0	1801	1	27	0	DEVICE FAULT	0		
13/11/2017	14:19:39	0	1801	1	26	0	DEVICE FAULT	0		
History - DEVICE Faults										
Node	Loop	Address	SubAddress	Last Activated	Last Test	Last C				
0	1	10	0	-	31/12/1999 13:00:00	31/12/1999				
0	1	11	0	-	31/12/1999 13:00:00	31/12/1999				
0	1	12	0	-	31/12/1999 13:00:00	31/12/1999				
0	1	13	0	-	31/12/1999 13:00:00	31/12/1999				



# Lets You Combine Network Data

Easily transfer data from each networked panel into one service file.

- ✓ Quickly create a clear and simple overview of device status across entire networks in one format.

Node	Zone	Loop	Address	SubAddress	Description	Device Status	Device Type	Value	Drift	Category	Enabled
701	Panel 1	1	0		FIRST FLOOR LEFT	Normal	VOLTAGE	6.6V	-		✓
701	Panel 1	1	1		FIRST FLOOR RIGHT	Normal	VOLTAGE	6.6V	-		✓
701	Panel 1	2			NAC-3	Normal	VOLTAGE	.5V	-		✓
701	Panel 1	3			NAC-4	Normal	VOLTAGE	.5V	-		✓
701	Panel 2	0			NAC-1 Load	Normal	CURRENT	0mA	-		✓
701	Panel 2	1			NAC-2 Load	Normal	CURRENT	0mA	-		✓
701	Panel 2	2			NAC-3 Load	Normal	CURRENT	0mA	-		✓
701	Panel 2	3			NAC-4 Load	Normal	CURRENT	0mA	-		✓
701	Panel 3	0			Battery	Normal	VOLTAGE	27.1V	-		✓
701	Panel 4	0			Charger volts	Normal	VOLTAGE	27.3V	-		✓
701	Panel 4	1			Charger Amps	Normal	CURRENT	0mA	-		✓
701	Panel 4	2			Charger Temp.	Normal	HEAT	88P	-		✓
701	Panel 5	0			Ground Volts	Normal	VOLTAGE	13.2V	-		✓
701	Panel 5	1			System volts	Normal	VOLTAGE	26.7V	-		✓
701	Panel 6	0			Aux Supply 1	Normal	CURRENT	13mA	-		✓
701	Panel 6	1			Aux Supply 2	Normal	CURRENT	18mA	-		✓
701	Panel 7	0			1st SLC Load	Normal	CURRENT	32mA	-		✓
701	Panel 7	1			2nd SLC Load	Normal	CURRENT	29mA	-		✓
701	Panel 7	2			3rd SLC Load	RESET	CURRENT	0mA	-		✓
701	Panel 7	3			4th SLC Load	RESET	CURRENT	0mA	-		✓
701	Panel 8	0			1st SLC V-Out	Normal	VOLTAGE	33.8V	-		✓
701	Panel 8	1			2nd SLC V-Out	Normal	VOLTAGE	33.8V	-		✓
701	Panel 8	2			3rd SLC V-Out	RESET	VOLTAGE	.5V	-		✓



# Allows Site Simulations

Simply connect your PC to one panel and access the ServiceTool to simulate other panel activations/ device states on a network.

- ✓ 'Virtually' test inputs from simulated panels to check different configuration scenarios so you can plan networks with greater accuracy.

Zone	Address	SubAddress	Description	Device Type	Device Status	Enabled
1	2	0	MAIN ENTRANCE FOYER	OPTO SMOKE	Normal	✓
1	4	0	MAIN ENTRANCE LOBBY	OPTO SMOKE	Normal	✓
1	5	0	MAIN ENTRANCE FOYER	CALL POINT	Normal	✓
1	7	0	MAIN ENTRANCE FOYER	OPTO SMOKE	Normal	✓
1	9	0	LOBBY TO CARPARK	OPTO SMOKE	Normal	✓
1	10	0	MAIN ENTRANCE I.T. ROOM	OPTO SMOKE	Normal	✓
19	13	0	NORTH EXIT DOOR MCP	CALL POINT	Normal	✓
18	17	0	LOWER CAR PARK LEVEL	OPTO SMOKE	Normal	✓
18	19	0	LOWER CAR PARK LOBBY	OPTO SMOKE	Normal	✓
19	20	0	DOOR TO STAIRWELL 6 MCP	CALL POINT	Normal	✓
19	22	0	NORTH HEAT WIRE & PSU	SWITCH	Normal	✓
19	23	0	SOUTH HEAT WIRE	SWITCH	Normal	✓
20	26	0	LANDLORDS SWITCH ROOM	OPTO SMOKE	Normal	✓
1	27	0	CARPARK ROLLER SHUTTER I/O	SWITCH	Normal	✓
1	27	1	CARPARK ROLLER SHUTTER I/O	SWITCH	Normal	✓
1	28	0	MAIN ENTRANCE DOOR I/O	SWITCH	Normal	✓
1	28	1	MAIN ENTRANCE DOOR I/O	SWITCH	Normal	✓
1	29	0	I.T. RM REDCARE LINE FAULT	SWITCH	Normal	✓
1	29	1	IT ROOM REDCARE LINK FIRE	SWITCH	Normal	✓
9	30	0	I.T. ROOM REDCARE LINK	SWITCH	Normal	✓
1	30	1	IT ROOM REDCARE LINK FAULT	SWITCH	Normal	✓
1	31	0	RAMP ENTRY DOOR OVERRIDE	SWITCH	Normal	✓
1	31	1				✓



# Predict False Alarms

View drift data, real-time temperature and analogue values.

- ✓ Predict which devices are becoming contaminated so you can clean/replace them before they cause false alarms.

## Quarter 1

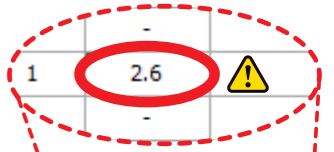
Zone	Loop	Address	SubAddress	Description	Device Status	Device Type	Value	Drift	Category
2	1	6	0	GROUND FEMALE TOILET	Normal	HEAT	1	-	
3	1	7	0	L1 TOILET	Normal	HEAT	1	-	
3	1	8	0	L1 MALE SHOWER	Normal	HEAT	1	-	
3	1	9	0	L1 MALE TOILET	Normal	HEAT	1	-	
3	1	10	0	L1 FEMALE SHOWER	Normal	HEAT	1	-	
3	1	11	0	L1 FEMALE TOILET	Normal	HEAT	1	-	
3	1	12	0	LEVEL 1 TOP OF STAIRS	Normal	OPTO SMOKE	1	0%	
4	1	100	0	ROOF SPACE DETECTION	Normal	ZONE MONITOR	L	-	
2	1	100	1	ROOF SPACE DETECTION	Normal	RELAY	-	-	

## Quarter 3

Zone	Loop	Address	SubAddress	Description	Device Status	Device Type	Value	Drift	Category
2	1	6	0	GROUND FEMALE TOILET	Normal	HEAT	1	-	
3	1	7	0	L1 TOILET	Normal	HEAT	1	-	
3	1	8	0	L1 MALE SHOWER	Normal	HEAT	1	-	
3	1	9	0	L1 MALE TOILET	Normal	HEAT	1	-	
3	1	10	0	L1 FEMALE SHOWER	Normal	HEAT	1	-	
3	1	11	0	L1 FEMALE TOILET	Normal	HEAT	1	-	
3	1	12	0	LEVEL 1 TOP OF STAIRS	Normal	OPTO SMOKE	1	1.8	
4	1	100	0	ROOF SPACE DETECTION	Normal	ZONE MONITOR	L	-	
2	1	100	1	ROOF SPACE DETECTION	Normal	RELAY	-	-	

## Quarter 4

Zone	Loop	Address	SubAddress	Description	Device Status	Device Type	Value	Drift	Category
2	1	6	0	GROUND FEMALE TOILET	Normal	HEAT	1	-	
3	1	7	0	L1 TOILET	Normal	HEAT	1	-	
3	1	8	0	L1 MALE SHOWER	Normal	HEAT	1	-	
3	1	9	0	L1 MALE TOILET	Normal	HEAT	1	-	
3	1	10	0	L1 FEMALE SHOWER	Normal	HEAT	1	-	
3	1	11	0	L1 FEMALE TOILET	Normal	HEAT	1	-	
3	1	12	0	LEVEL 1 TOP OF STAIRS	PRE-ALARM	OPTO SMOKE	1	2.6	
4	1	100	0	ROOF SPACE DETECTION	Normal	ZONE MONITOR	L	-	
2	1	100	1	ROOF SPACE DETECTION	Normal	RELAY	-	-	





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