

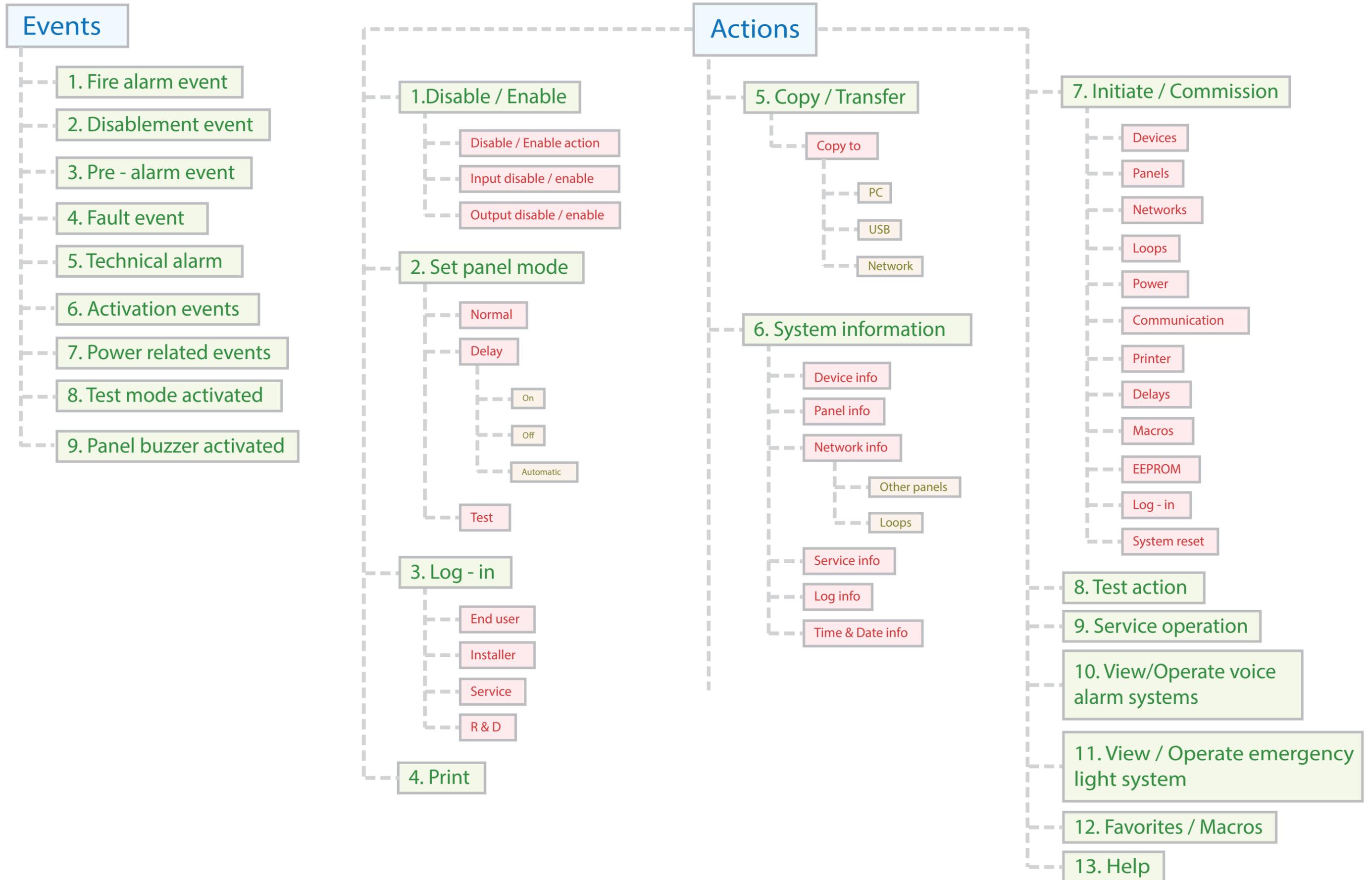
Information Architecture

Flexes Quad

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Brief Information Architecture



** Available in Map & List view

* Available in only List view

Events cont...

1. Fire alarm event

Fire alarm details

Device in alarm - address
Zone of the device
Device label / Customer text
Date & Time of event

** Actions

View fire alarm details

Silence fire alarm

Reset fire alarm

View action card

Silence panel buzzer

Disable device in alarm(s)

2. Disablement event

Disablement event details

Device label
Address of the disabled device
Zone of disablement
Date & Time

Type of disablement

Input zone
Input device
Alarm group (out-put)

* Actions

View Disablement event details

Enable input device

Enable input zone

Enable alarm group(output)

View action card

Disable device in alarm(s)

3. Pre - alarm event

Pre - alarm event details

Device in alarm - address
Device label
Date & Time

* Actions

View pre - alarm details

Silence pre - alarm

Resound pre - alarm

Reset pre - alarm

View action card

Disable device in alarm(s)

** Available in Map & List view

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Events cont...

4. Fault event

Fault event details

Device with fault address
Device label
Date & Time

Type of fault

Normal fault
System fault

* Actions

View fault details

Reset fault

View action card

Silence / acknowledge fault

Disable device(s) in fault

Disable device in alarm(s)

5. Technical alarm

Technical alarm details

Device with Technical alarm
Device label
Date & Time

* Actions

View technical alarm details

Reset technical alarm

Resound technical alarm

Silence technical alarm

View action card

Disable device(s) in technical alarm

** Available in Map & List view

* Available in only List view

Events cont...

6. Activation events

6.1. Activation events
Sounders activated
Fire ventilation activated
Fire extinguishing activated
Emergency light activated
All other alarm groups activation events

* Actions

View activation event details

Activate / deactivate sounders

Set loop sounder mode to

Test sound

Small alarm

Large alarm

Evacuation alarm

All clear message

Activate / Deactivate

Voice alarm

Fire - ventillation

Extinguishing

Emergency light

All other alarm groups

6.2. Output delays activation
Output delays active
Output delays inactive

* Actions

Activation / Deactivate output delays

Set output delays to

On

Off

View action card

6.3 Alarm transmitter activation
Alarm transmitter active
Alarm transmitter inactive

* Actions

Activation / Deactivate alarm transmitter

Set alarm transmitter to

On

Off

View action card

** Available in Map & List view

* Available in only List view

Events cont...

7. Power related events

Pre - alarm event details

Main power On
Main power Off
Running on battery power

* Actions

Switch main power

On

Off

8. Test mode activated

* Actions

View test mode details

Activate / Deactivate test mode

View action card

9. Panel buzzer activated

* Actions

Silence panel buzzer

View event log

Filter event log by

Event type

Date & Time

Actions

1. Disable / Enable

Disable / Enable action

Type of disablement
Temporary
Permanent

Input

Disable / Enable input zone
(Which is not in alarm)

Disable / Enable input device
(Which is not in alarm)

Output

Alarm groups Shows only programmed alarm groups

Disable / Enable

Bells/Buzzers

Fault outputs

Panel buzzer

Alarm transmitter

Door magnets

Extinguishers

Loud speakers

Ventilation systems / Fans

All alarm groups

2. Set panel mode

Set panel mode to normal mode

No delays programmed

Set panel mode to Delay mode

Either all delays are ON or OFF or Automatic

Delays ON

Delays OFF

Automatically turn delay ON

After < > days

On <Date> <Time>

Automatic delay

Day / Night setting

Semi-automatic (Manually ON / OFF)
(Calendar)

Set panel to Test mode

Question: "How to test delays?"

3. Log-in

Log-in as

End user

Installer

Service engineer

R & D

Log-out

Manual

Automatic after set time

Actions cont...

4. Print

Choose printer

Print

Alarm details (active)

Fault details (active)

Disablement details

Technical alarm details

Screenshots

System data

History log

Choose time frame

Choose event types

Text lists

EEPROM

Cause & effect diagrams - choose

Loop map - choose panel / loop

5. Copy / Transfer

Alarm details

Technical alarm details

Disablement

Faults

Screenshots

History log

Choose timeframe

Choose event type

System data

Texts

EEPROM lists

Cause & effect diagrams

Loop map

Device labels / Customer text

Panel program / Config. file

Map data

Timeware

Copy or transfer to

USB port

PC

Network location

Choose network location

Actions cont...

6. View / set / edit system information

Device information

List of input zones & their locations

List of input devices & their addresses

Customer text or device labels - editable

Input devices divided by their brand

Apollo devices

Read current analog values

Read current analog limits

Set current analog limits

Esser devices

Read element data

Read temperatures (only with detectors having heat dement)

Read and edit detector parameter settings (Editable)

List of output alarm groups and their locations

List of output devices

Filterable by type

Cause & effect programming of each output devices

Only viewable, no edit

Panel information

System data View only

Panel information - all info about the panel

Model no.

Software version no. of the panel

No. of loops connected etc.

View panel no.

View loop map

Network information

Information about how the panel is connected to other panels

How many operating panels / sub panels and repeater panels

Other panel information

Loop map

Diagrammatic representation of how cabling is done

Indication of faults

Service info View only

Service reports of previous services

Information on when the next service is due

Log information

List of all alarms in the panel

List of all other activities done in / to the panel

Can be filtered by

Type of event

Type of action

Timeframe

Last week

One month

So on...

Time & Date info

Set current time

Set current date

Set day - light saving settings

Synchronize time & date settings

With connected PC

With internet

Actions cont...

7. Initiate / Commission system

Set up communication

Com - port settings

GSM network set up

Settings for communicating through GSM for SMS

Check GSM signal strength

Set up network

Network settings

Set up how many panels are there in the network and how they communicate with each other

Give a 'Panel number' to the currently connected panel (Read / Edit)

Or any other panel in the network

Collect system data / Synchronize networked panels

Collect & synchronize data between all panels that are networked

Set up loops

Set up relating to loops & loop devices

Create loop map

Automatic

Manual

View loop map

Settings of what should be indicated on the loop - map

Faults

Alarm

Device address / zone

Device label / customer text

Device type

Input

Output

Device analog values / limits and so on... / detector parameters

Add new device to the loop

Automatic? / Manual?

Assign address to the loop device

Assign label to the loop device

Assign other properties to the loop device

If detector - read & edit detector parameters

Edit existing loop - devices & properties

Replace existing loop - devices

Automatic address

Manual address

Read / edit detector parameter settings

Loop reset / Loop download

Downloads data from panel to devices (Esser devices only)

Actions cont...

7. Initiate / Commission system cont...

Set up power settings

Read out measurements setting charge voltage

Set up logs

Set up service log and service information

View all service reports to date

Edit service reports

Edit format & information that goes in to a service report

Set up frequency / data of servicing due

e.g. Every 3 months or on 12/03/2013

Setup message that should flash on screen when service is due

"Your panel service is due in 3 days"

Set up how long before the service message should appear

Set up event log

Set up what events to be logged and what events cannot be logged

View log

Set up R & D logging

View R & D logs

Toggle R & D logging On / Off

Automatic logging

Set up delay settings

View existing delay settings

Turn delays ON

Turn delays OFF

Turn automatic delay ON

After particular no. of days

At particular date / time

Turn automatic delay ON / OFF

View automatic delay settings

Edit automatic delay settings

Set day timings

Set night timings

Set weekends

Set holidays

Set special days

EEPROM setup

View list of all EEPROM address, their values & descriptions

Enter new EEPROM address - value - descriptions

Log - in set up

Default log - in as

Set up time out value for automatic logout

Set up printers

View list of printers configured

Add new printer

Choose network path

Delete existing printer

Other printer settings

System reset

Set up welcome message

Set up R & D logging

Actions cont...

7. Initiate / Commission system cont...

Set up panel

View / Set / Edit the panel number for this panel

View / Set / Edit the panel information

Model no. of the panel

S / W version in the panel (Read only)

Icon for the panel

No. of loops connected etc.

Update panel configuration file from

Connected USB device

PC

Network location

Update panel firmware from

Connected USB device

PC

Network location

View / Set / Edit display settings of the panel

Brightness

Contrast

Positioning

Color settings

Factory reset

Power saving mode for panel display

Set / edit timeout amount for panel to dim / dull for interactivity

Default settings for normal mode operation & battery mode operation

Power saving ON / OFF

View / Set / Edit default language of the panel

Actions cont...

7. Initiate / Commission system cont...

Set up devices

View input / Edit input

View list of already existing input devices in the system

View each device details

Details

Address
Zone
Customer text
Analog values
Analog limits
Element data
Temperatures
Detector parameter settings

Edit each device details

Details

Address
Zone
Customer text
Analog values
Analog limits
Element data
Temperatures
Detector parameter settings

View output / Edit output

View list of already existing output devices in the system

View /Edit each device details

Details

Address
Customer text
Fire zone info
Alarm group info
Cause & effect or trigger info

Remove device

Remove input device from system

Remove output device from system

Print / Copy existing device list

Print / Copy (to USB, PC or Network)

Should be filterable by

Type of device - input / output

Brand

Zone

Date / Time when it was added

Add new device (Future)

Add new input device

Assign address - Automatic / Manual

Assign loop

Assign zone

Add label / Customer text

Assign limits

Set detector parameters

Assign icon

Assign other properties

Perform cause & effect programming

Add new output device

Assign address - Automatic / Manual

Assign customer text

Assign alarm group

Assign time zone

Assign triggering input device or zone
(Cause & effect programming)

Actions cont...

8. Test action

If panel is not in **Test mode**, then display message

Message:
"Please put panel in test mode"

or

Do not display "Test actions" when panel is not in Test mode

View current "Test session" activities

Tests performed

Result

One can enter a result or a result can be auto generated

1. Panel Buzzer

OK

Manual

2. Detector 1.2.3.

Alarm generated

Auto

Alarm group 3

Enter result

Print / Export / Copy current test session log

When panel is in **Test mode** - timer for Test mode

Test

Panel Buzzer

Display LEDs

Detector Test (Choose or type address of detector)

Test detector

Check if Test alarm is generated

Cause & effect test (Choose or type address of detector)

Test detector

Check if appropriate alarm group activates

Output test

Activate alarm groups (One by one)

Activate alarm transmitter

Loop outputs test

Activate LEDs on loop devices

Activate sounders / speech on loop device

Activate other loop device

Transponder relays

Actions

9. Service operation

Start service operation

Broadcast "Test message" on voice alarm system (only if present)

Put Panel in to Test mode

Start Test sequence

Start Panel buzzer

Test Display & LEDs

Test detectors

Choose or type address of detector

Test cause & effect Off

Choose or type address of detector

Test alarm groups

Test loop outputs

Activate LEDs on loop devices

Activate sounders on loop devices

Activate other loop devices

End test sequence

Generate test log

Add additional details to service operation

Sign off (Service operation)

10. View / Operate voice alarm system

View status messages from VA system

View faults in VA system

Activate voice alarm messages

Select zones(s) to broadcast message (Can be 1 or all zones)

Select message to broadcast

Evacuate message

Large alarm message

Small alarm message

Test message

Test completed message

All clear message

Background music or PA activation

Activation Mic for direct speech

Disable voice alarm system

View log of voice alarms

View by timeframe

View by VA message type

Test VA system

Actions

11. View / Operate emergency light system

View status message from the EM light system

View faults from the EM light system

Activate EM lights

Disable EM light system

View log of EM light activations

Test EM light system

12. View / Edit / Add / Remove favorite actions (or macro)

View list of all macros present in the system

For each macro

View macro details or sequence of macro

Activate / Run particular macro

Set result of macro operation

Record new macro

Give name to new macro

Record sequence

Edit existing macro

Delete existing macro

Show favorites in start menu / Nav bar

13. View / Edit / Add / Remove Help actions (or macro)

View contextual help for any event in the system

View action card

View all action cards - and details

View events associated

Edit events associated

Add new action card

Title

Message

Associated Event / Action

Edit existing action card

Title

Message

Associated Event / Action

Remove action card

Action card settings

How should they appear

Should they disappear automatically

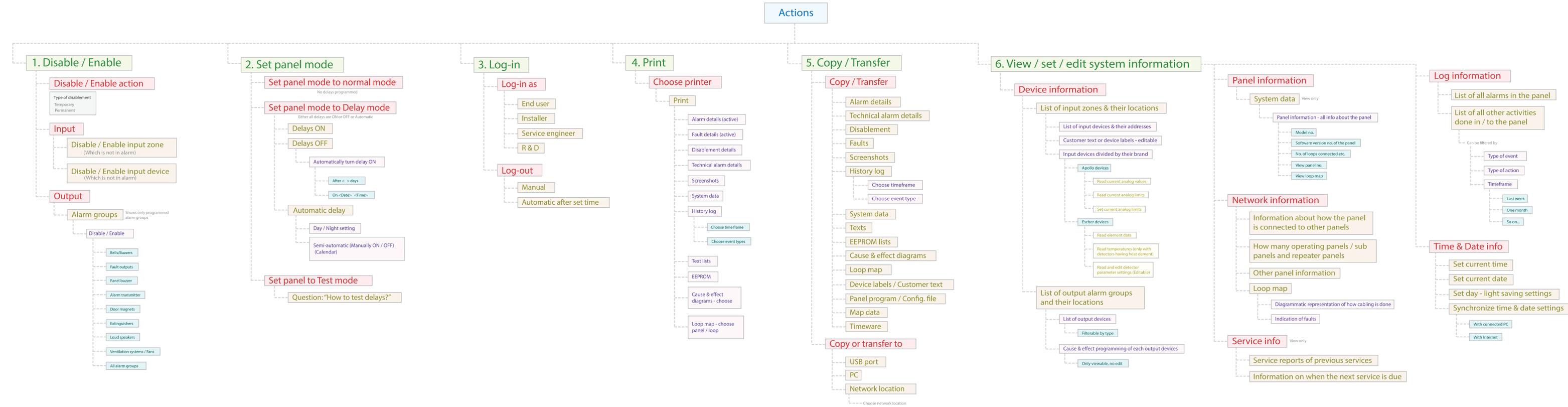
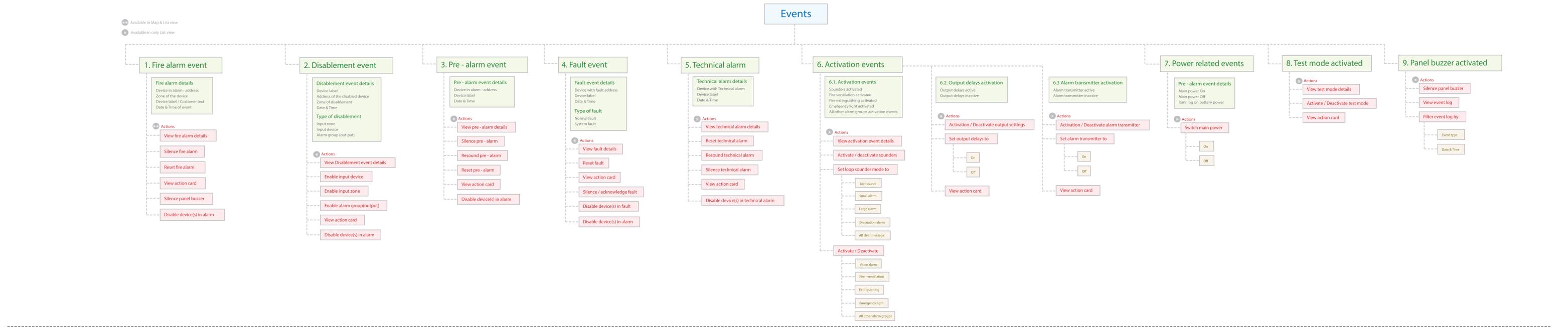
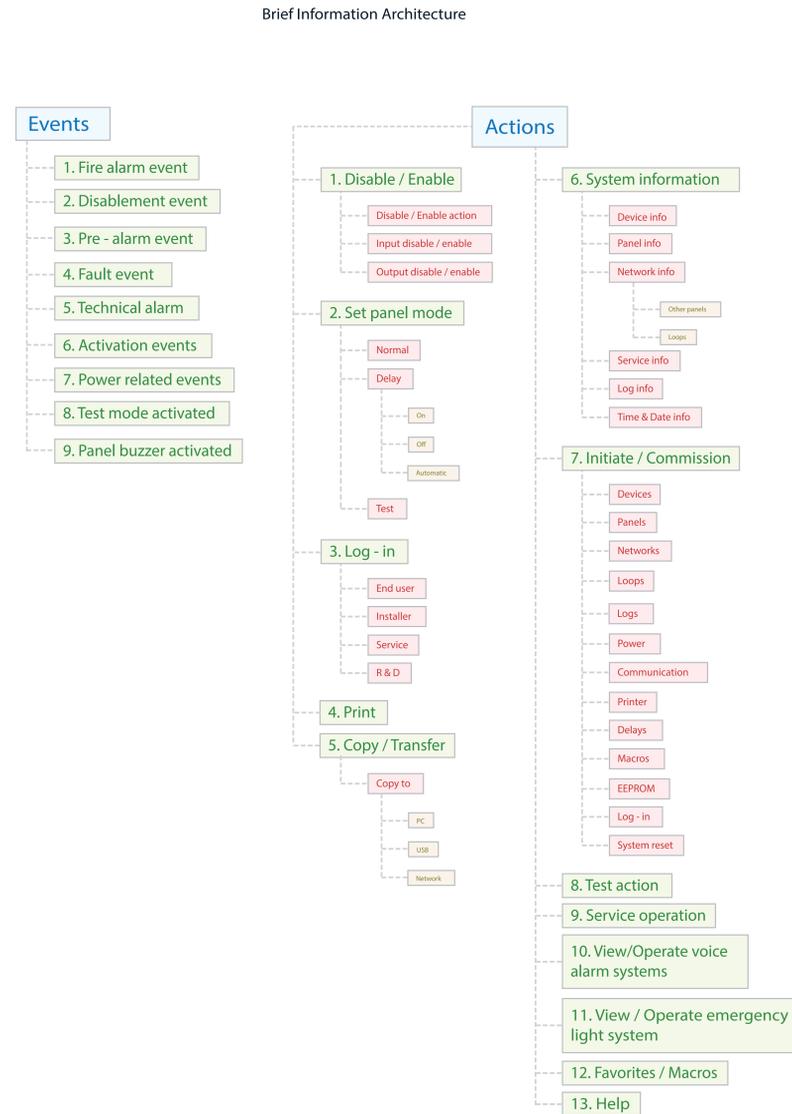
View general system map

View panel user manuals

View installation manual

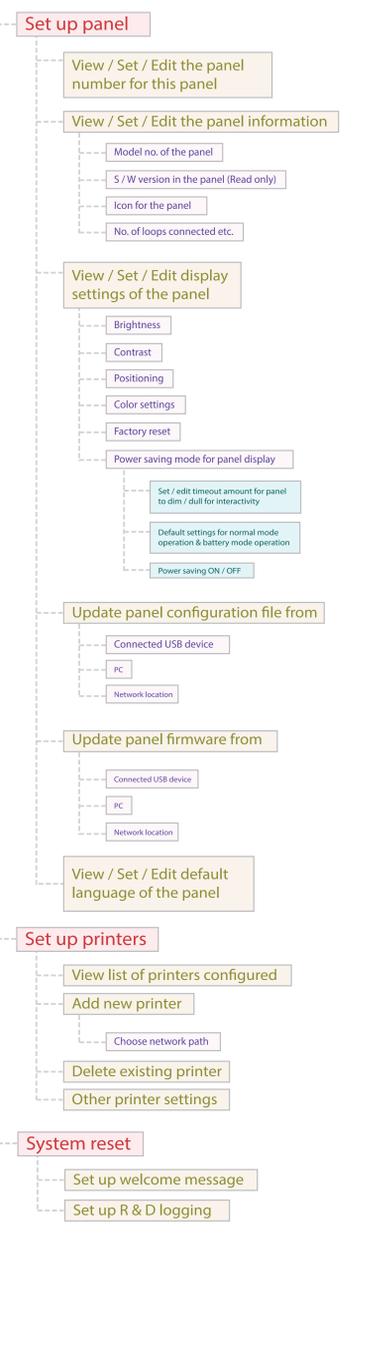
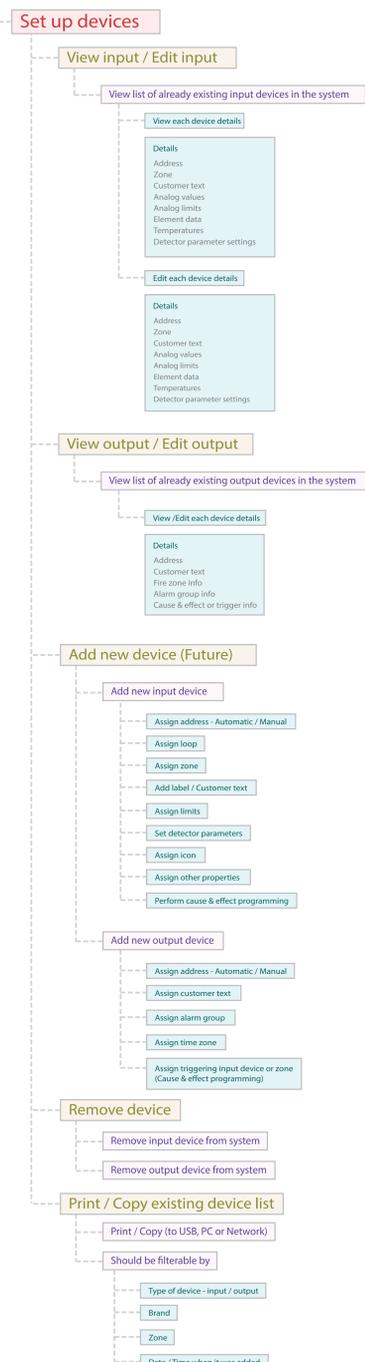
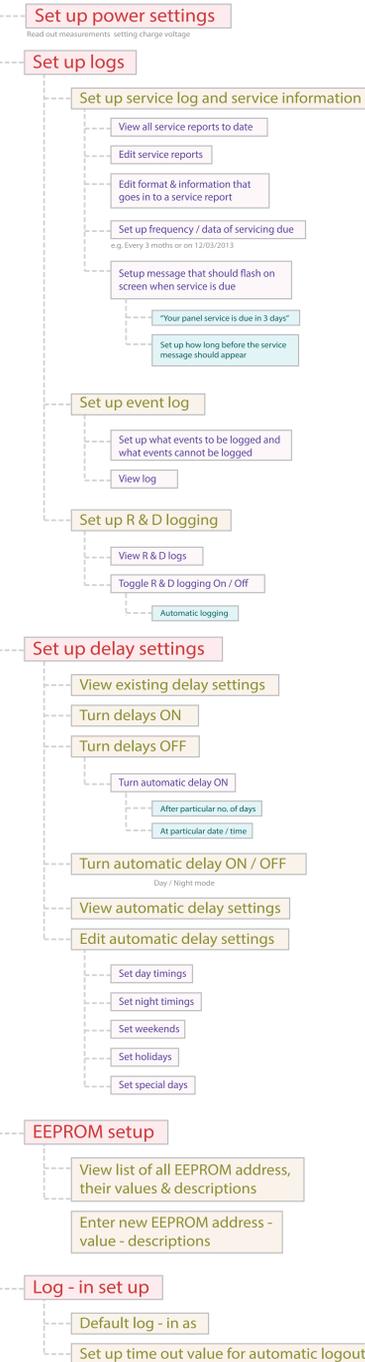
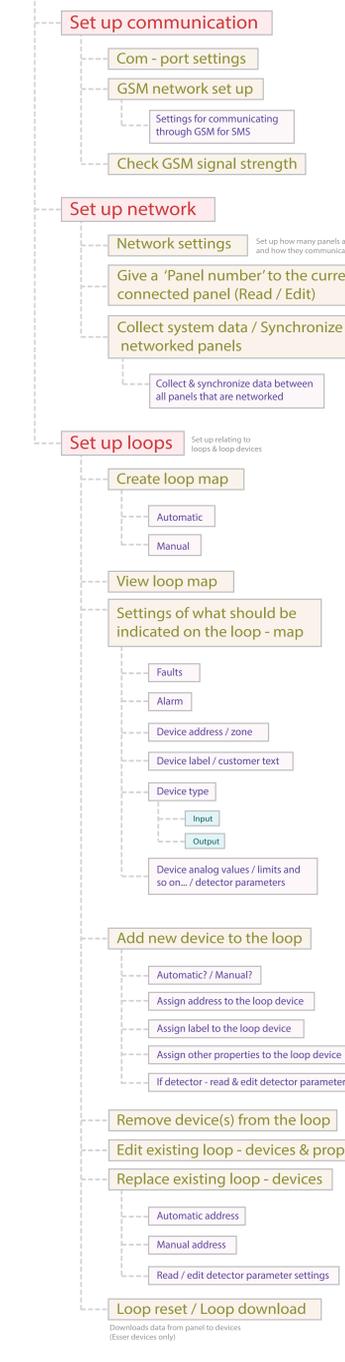
View fire instructions

Printable copy

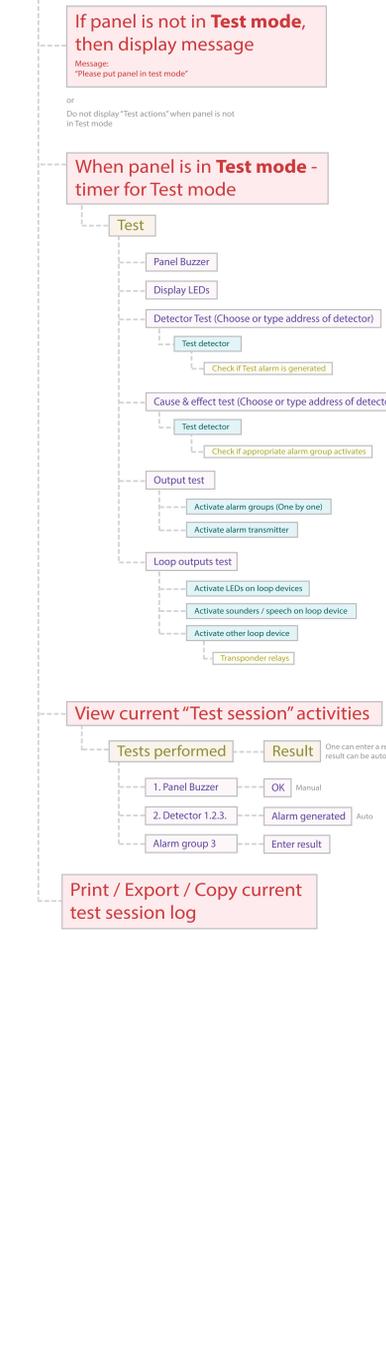


Actions cont...

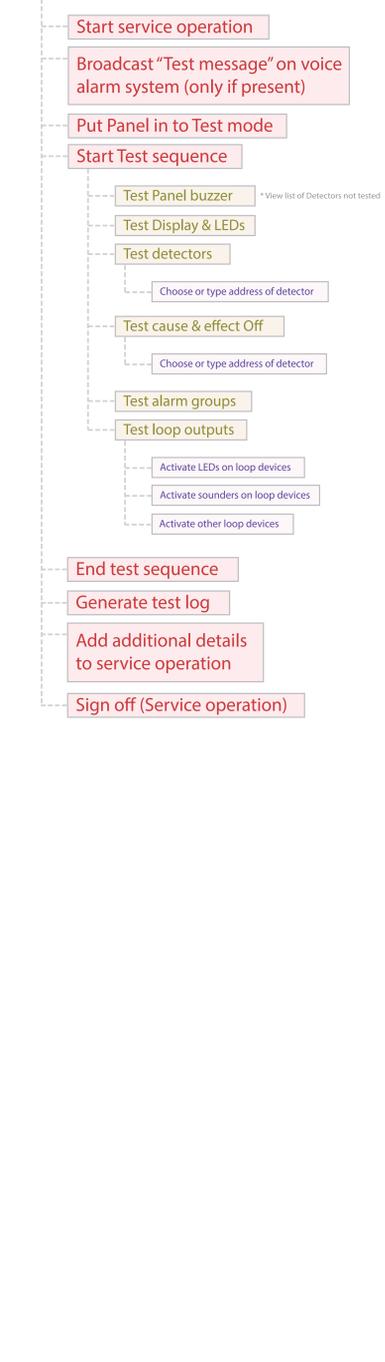
7. Initiate / Commission system



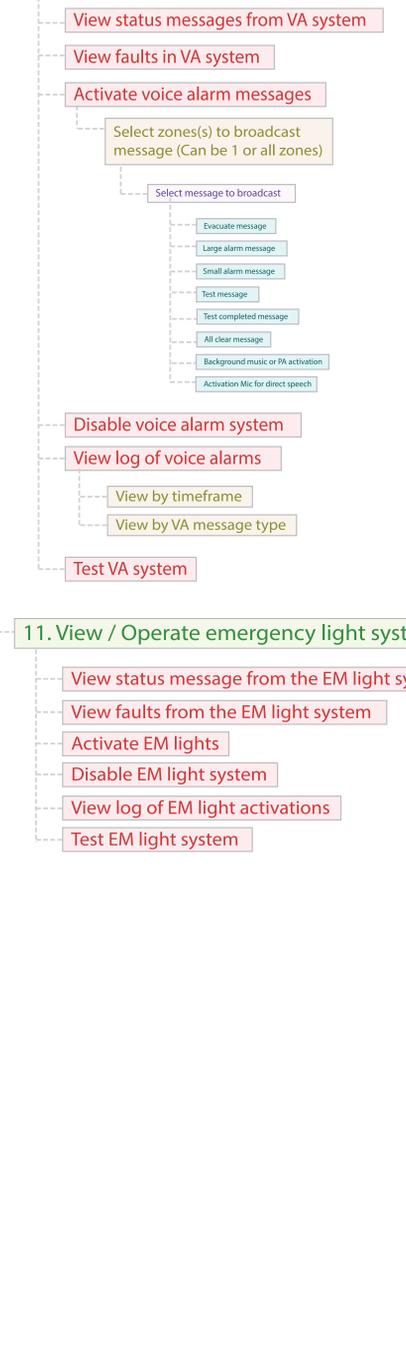
8. Test action



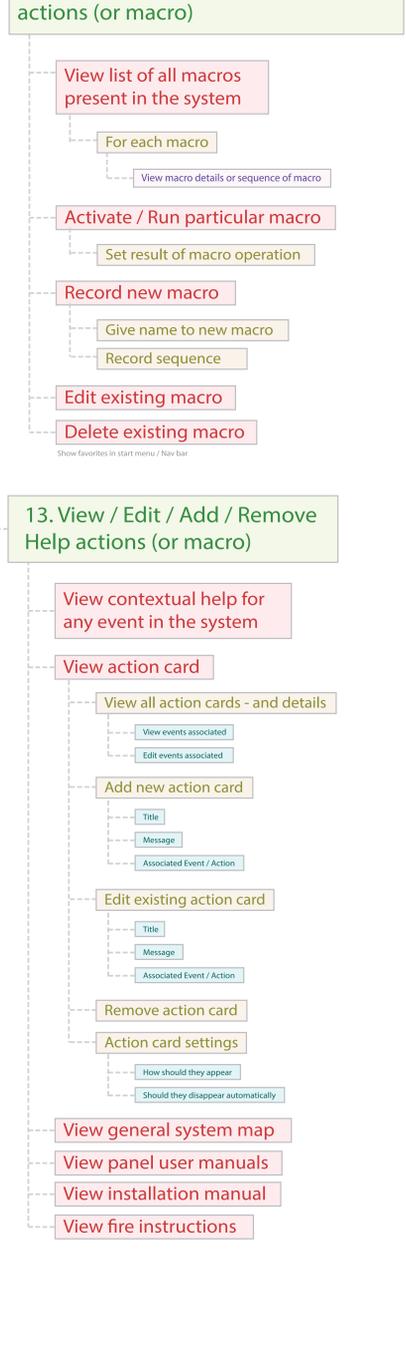
9. Service operation



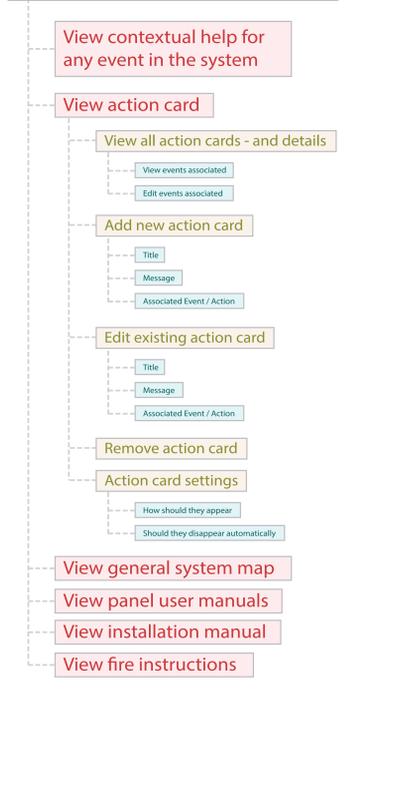
10. View / Operate voice alarm system



12. View / Edit / Add / Remove favorite actions (or macro)



13. View / Edit / Add / Remove Help actions (or macro)



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