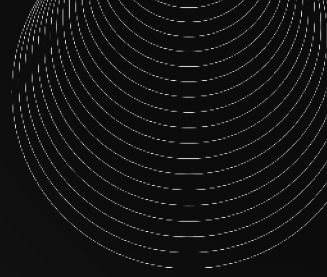


EST3 Rule Programming Cheat Sheets

The key value behind the overpopulated abstract art in modern society

The Fire Alarm Expert



EST3 Advanced Rule Programming Cheat Sheets

1. Rule Syntax Reference Sheet • ALARM [DEVICE]: Triggered by a fire alarm condition.

- SUP [DEVICE]: Triggered by a supervisory condition.
- SW [SWITCH]: Triggered by a monitored switch.
- ON [DEVICE]: Turns on an output device (relay, LED, NAC).
- OFF [DEVICE]: Turns off an output device.
- LATCH: Holds the condition until manually reset.
- +SEND [ACCT] MSG "[CID CODE]": Sends CID message to central station.
- -SEND [ACCT] MSG "[CID CODE]": Cancels the previously sent CID message.
- AMPON [AMP] TO [CHANNEL]: Activates paging amplifier and sets audio channel.
- -LATCH: Removes latching condition.

2. Wildcards & Tagging Guide • L*: Refers to any floor level (e.g., L1, L2, L3).

- <N:1-9>: Replaces with numbers 1 through 9 (for programming multiple rules).
- *: General wildcard representing all matching tags (e.g., *_SPEAKER_*).
- 'L*_PAGE_SW': A paging switch on any floor.
- 'L<N:1-9>_FAN_RESTART_SW': A restart switch for fans across 9 levels.

3. CID Messaging Table • Fire Alarm: "111000001"

- CO Alarm: "111100001"

- Heat Alarm: "111400002"
- Waterflow Alarm: "111600003"
- Tamper Supervisory: "120300006"
- Trouble: "311800008"
- AC Loss: "310400010"
- Phone Line 1 Fault: "340200020"
- Phone Line 2 Fault: "340200021"

4. Common Rule Templates • ALARM 'L*':
ON 'L*_STROBE_BPS_*', ON
'L*_DOOR_REL_*';

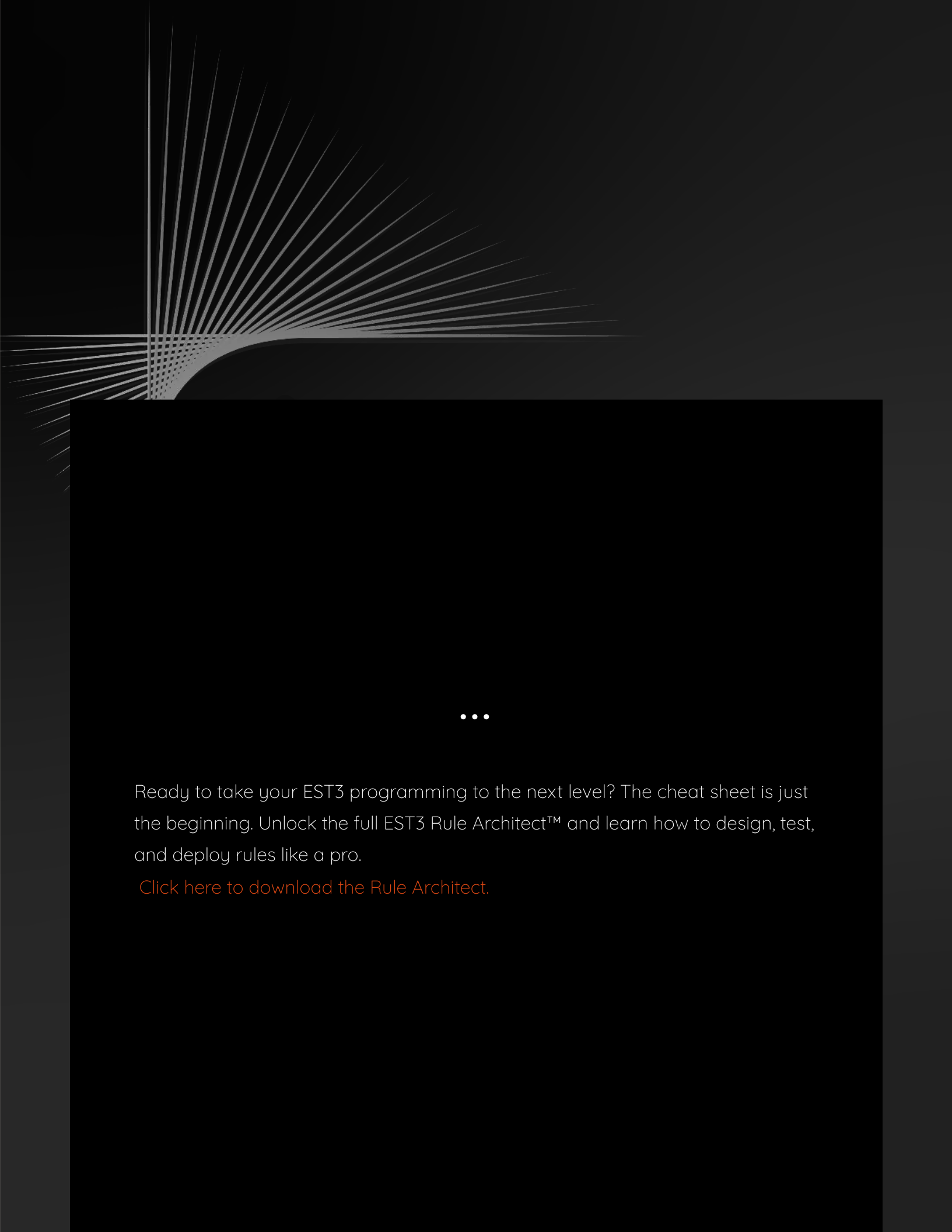
- SUP TAMPER : +SEND 'CO_ACCT' MSG
"120300006";
- SW 'FAN_RESTART_SW' : OFF -LATCH
'L*_FANSHUT_*';
- SW 'L<N:1-9>_PAGE_SW' : AMPON
'AMP*' TO 'CH_PAGE';
- ALARM 'L*_FLOW_*' : ON
'L*_ELEV_RECALL_*';

5. Rule Debug Checklist • Are all ON
conditions followed by OFF or LATCH
clear logic?

- Did you remember to send and
cancel (+SEND / -SEND) CID
messages?
- Are wildcards being used correctly
(no overlapping unintended tags)?
- Are switches debounced or filtered
to avoid double triggers?
- Do priorities conflict (e.g., paging vs
evac channel)?
- Do all rules restore devices to
normal after reset?
- Are there any duplicate rule names?
- Did you test both activation and
restoration?
- Are output devices mapped
correctly to floors/zones?
- Are your relays being held or
dropped properly with logic?

Unlock the power of advanced rule programming with "EST3 Advanced Rule Programming Cheat Sheets," your essential guide for efficient system configuration. This concise reference provides critical syntax, wildcard usage, CID messaging, and common rule templates, ensuring clarity in your programming tasks. Perfect for professionals seeking quick solutions and effective troubleshooting, this cheat sheet is your go-to resource for mastering EST3 systems.





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Ready to take your EST3 programming to the next level? The cheat sheet is just the beginning. Unlock the full EST3 Rule Architect™ and learn how to design, test, and deploy rules like a pro.

[Click here to download the Rule Architect.](#)