



# EEBUS Verify 360

The Automated Pre-Qualification  
Suite For Your EEBUS Device

Stop Guessing

Start Qualifying

Powered by  
*Innovation*

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# EEBUS Verify360

Your Internal Certification Lab

## Key Features

### Pave The Way Towards Compliance

A Full Set Of Automated Test Cases Prescribed By The EEBUS Test Specification.

1. Overcome The Hidden Cost Of Manual Testing
2. Traditional Certification Labs Are Expensive And Slow

### CI/CD Ready

Plug Directly Into Your Development Pipeline, Ensure Every Code Change Remains Compliant I.E "**Continuous Compliance**"

### Proven Record

A Tool Already Trusted By Market Leaders To Secure Their EEBUS Qualification.

### Proven Experts

Build By Team Of EEBUS Experts That Are Committed To Support You Through Your Journey.

**EEBUS Verify 360** Isn't Just A Tool; It's An Automated Insurance Policy For Your Device Compliance All Over Your Product Development Journey.



# Results You Can Trust & Interpret Easily

## Key Benefits

### Granular Steps

See Exactly Where A Test Case Failed With Step-By-Step HTML Report Explained In Clear English.

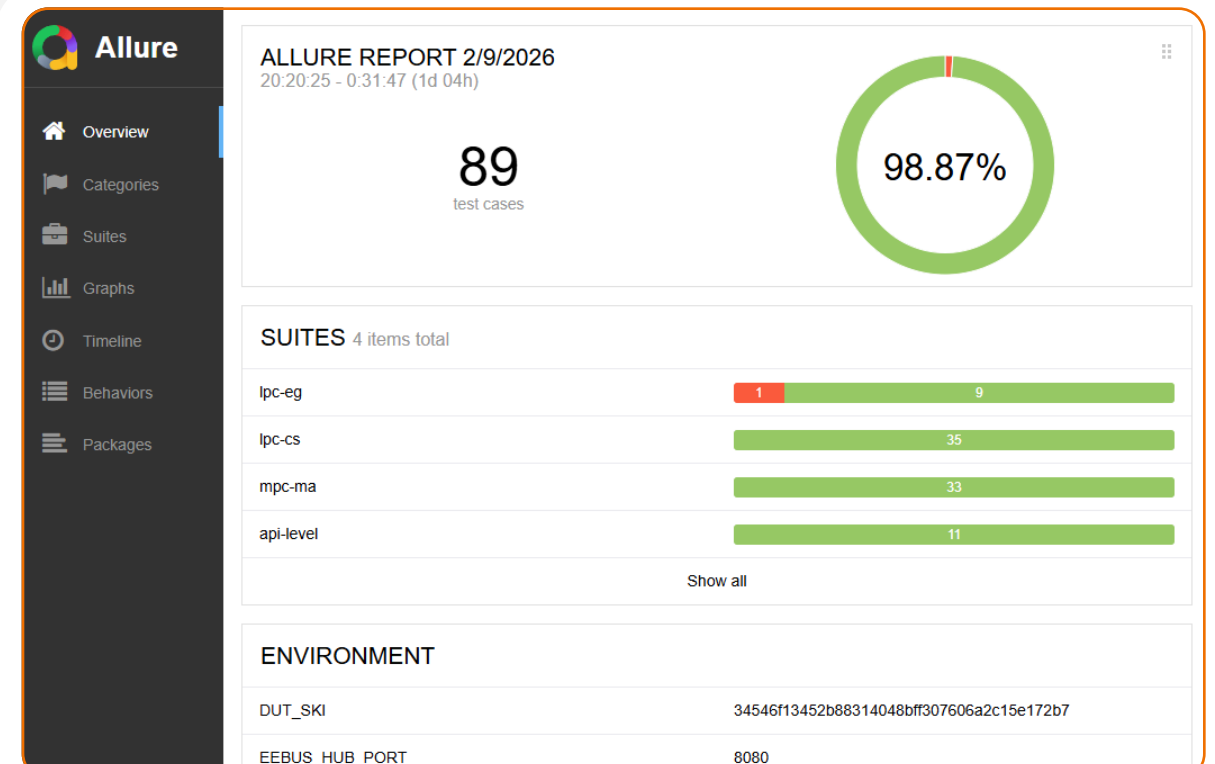
### Embedded Logs

Full EEBUS Send/Recv Logs Are Attached To Every Test For Immediate Debugging.

### Actionable Insights






Clear Error Messages (E.G., 'CS Did NOT Change Failsafe Duration') Tell Your Devs Exactly What To Fix.

order	name	duration	status
Status: 1 0 88 0 0 Marks: [Icons]			
api-level			11
✓ #1	API_T000_Test_QrText	32ms	
✓ #2	API_T001_Test_Trust_Store	13ms	
✓ #3	API_T002_Test_Existing_SKI	16ms	
✓ #4	API_T003_Delete_Trusted_Device	15ms	
✓ #5	API_T004_Delete_Invalid_SKI	9ms	
✓ #6	API_T005_Get_Last_HB	27s 609ms	
✓ #7	API_T006_Get_Connected_Devices	32s 569ms	
✓ #8	API_T007_Get_Discovered_Devices	2s 043ms	
✓ #9	API_T008_Trust_Store_Existing_Qrtext	31ms	
✓ #10	API_T009_Trust_Store_Empty_Payload	26ms	
✓ #11	API_T010_Trust_Store_Add_Invalid_SKI	25ms	
> lpc-cs			35
> lpc-eg			1 9
> mpc-ma			33



*When A Test Fails, You Don't Just Get A 'No.' You Get The Full JSON Payload And The Exact Step That Tripped The Logic."*

# Results You Can Trust & Interpret Easily (contd.)

Suites		
order	name	duration
		Status: <span style="color: red;">1</span> <span style="color: orange;">0</span> <span style="color: green;">88</span> <span style="color: grey;">0</span> <span style="color: purple;">0</span> Marks:     
▼	api-level	11
✓	#1 API_T000_Test_QrText	32ms
✓	#2 API_T001_Test_Trust_Store	13ms
✓	#3 API_T002_Test_Existing_SKI	16ms
✓	#4 API_T003_Delete_Trusted_Device	15ms
✓	#5 API_T004_Delete_Invalid_SKI	9ms
✓	#6 API_T005_Get_Last_HB	27s 609ms
✓	#7 API_T006_Get_Connected_Devices	32s 569ms
✓	#8 API_T007_Get_Discovered_Devices	2s 043ms
✓	#9 API_T008_Trust_Store_Existing_Qrtext	31ms
✓	#10 API_T009_Trust_Store_Empty_Payload	26ms
✓	#11 API_T010_Trust_Store_Add_Invalid_SKI	25ms
>	lpc-cs	35
>	lpc-eg	<span style="color: red;">1</span> <span style="color: green;">9</span>
>	mpc-ma	33

# Results You Can Trust & Interpret Easily (contd.)

**Passed** ATC\_COM\_PT\_EGMessages\_003

Overview History Retries

Severity: normal  
Duration: 2m 03s

**Description**  
<p>This test shall ensure that the EG sends valid messages over an extended period of time. The tester (CS) is able to switch its internal states immediately according to received write commands</p>

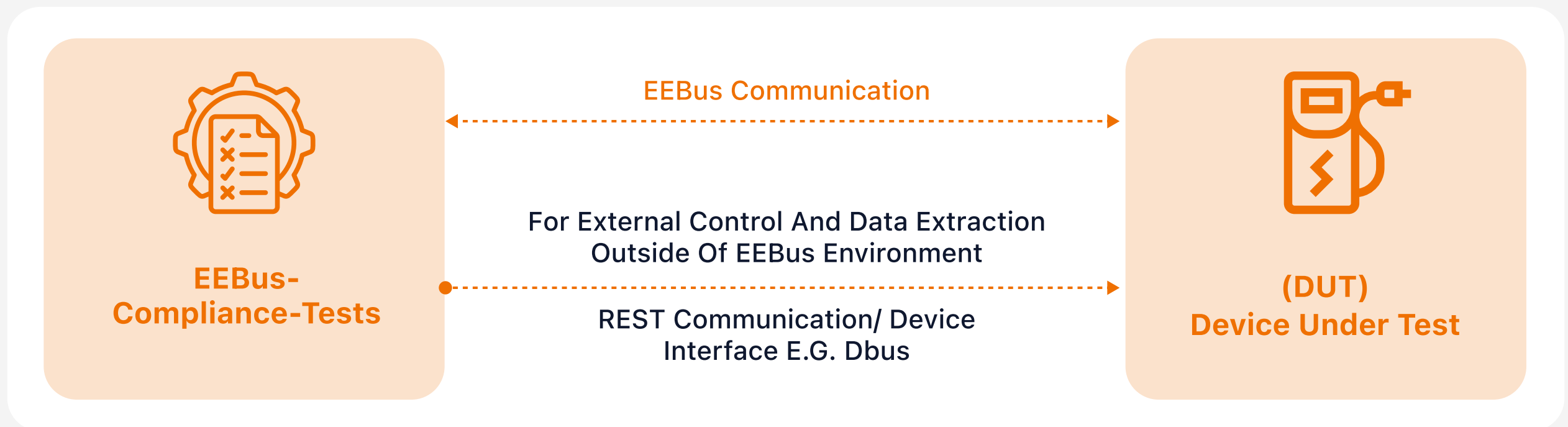
**Execution**

▼ Test body

- ✓ Initialize test environment 13 sub-steps 12s 220ms
  - ✓ Create new instance from the DUT 0s

DUT instance created successfully
  - Create new instance from the EEBus-Hub simulation handler 0s
  - Reset EEBus-Hub simulation 2s 005ms
  - Get DUT configuration 0s
  - Start EEBus-Hub logging 1ms
  - Add DUT to EEBus-Hub 1ms
  - Add EVSE to the simulation 2ms
  - Start EEBus-Hub simulation 172ms
  - EVSE trusts DUT 1ms
  - DUT trusting EVSE 2ms
  - Checking for EVSE in connected devices 3s 001ms
  - Apply deactivated limit on the EVSE to switch it to UnlimitedControlled State 17ms
  - Verify EVSE updated its state to UnlimitedControlled 2s 002ms
- Test environment initialized successfully
- 25 iterations of the following sequence: Initiate an activated APCL write command with a duration and wait for the EG to send the command, then Initiate a deactivated APCL write command and wait for the EG to send the command 100 sub-steps 1m 51s
- EEBusLogs.txt 201.8 KiB ✕
- EventLogs.txt 14.5 KiB ✕

# How EEBUS Verify 360 it integrate with my device?



```
type Dut interface {
    // GetLPCState retrieves the current state of the LPC.
    GetLPCState() (LPCState, error)
    // TrustDevice adds the DUT to the trusted devices list.
    TrustDevice(string) error
    // Reboot restarts the DUT.
    Reboot() error
    // WaitForOnline waits until the DUT is online or the timeout is reached.
    WaitForOnline(timeout time.Duration) error
    // PerformFactoryReset resets the DUT to its factory settings.
    PerformFactoryReset() error
    // SwitchPower switches the power supply on or off.
    SwitchPower(on bool) error
    // UpdatePowerTotalMeasurement updates the total power measurement of the DUT.
    UpdatePowerTotalMeasurement(valueWatt float64) error
    // IsHeartbeatReceived checks if the heartbeat received on the DUT or not.
    IsHeartbeatReceived() bool
    // GetMpcMeasurements retrieves MPC measurements from the DUT (MA role).
    GetMpcMeasurements(remoteSki string) (MPCMeasurements, error)
}
```

## Non-Intrusive Testing:

Communicates With Your Device Under Test (DUT) Via Standard EEBUS And REST/Dbus Interfaces.

## Full Eco-System:

We Support Everything From Small Footprint Targets To Complex Gateway Solutions.



# Built by the a team of EEBUS Experts

## Active Leadership

Members Of The EEBUS Initiative.

## Standard Setters

Primary Maintainers Of The Eebus-Go Stack.

## White-Glove Support

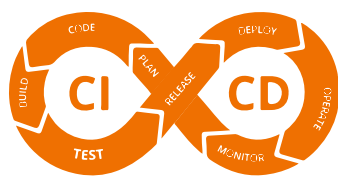
We Provide Free Expert Support For Deployment And Test Analysis.

***We Don't Just Sell One Solution Of A Tool:*** We Help Build The Standard. You're Getting Support From The People Who Know EEBUS In Depth And Deal With It In On Daily Basis

## How Can We Help You With Your EEBUS Product ?



EEBUS Stack integration support



CICD Pipelines Setup



EEBUS Compliance Testing



Tooling & Automation



Training & Consultation



**Coretech**  
Innovations

*Ship With Confidence*



## Contact us

For A Demo Or A Trial License.

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