

## # B-GATE Report — S002

### ## Plain-English Summary

This report evaluates the **adoption readiness** and **governance quality** of a blockchain deployment scenario. The output is a standardized score that helps compare different governance designs and identify risk areas.

### ## Key Result

- **B-GATE Index:** 39.8/100
- **Rating:** RED (High governance/adoption risk)
- **Penalty points:** 10.0
- **Penalty reasons:** Missing upgrade/patch governance

### ## Score Breakdown

- **ARS (Adoption Readiness):** 36.66/100
- **GQS (Governance Quality):** 51.1/100
- **TSS (Trustworthiness & Sustainability):** 69.86/100

### ## Scenario Description (Benchmark Input)

- Domain: `iot_device_integrity`
- Governance model: `single_operator`
- Stakeholders: 5
- Trust asymmetry: 3 / 5
- Data sensitivity: 3 / 5
- Dispute frequency: 5 per month
- Regulatory pressure: 2 / 5
- Adoption stage: `pilot`

### ## Governance Evidence Flags (Binary)

- Incident response present: 1
- Upgrade policy present: 0
- Dispute process present: 1
- Decision rights clarity: 1 (0 unclear, 2 clear)

### ## Notes for Non-Technical Readers

- A high score means the scenario has **clear rules**, **accountability**, and **operational readiness**.
- Penalties occur when essential governance policies are missing (incident response, upgrades, dispute resolution).