

## # B-GATE Report — S022

### ## 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:\*\* 22.69/100
- \*\*Rating:\*\* RED (High governance/adoption risk)
- \*\*Penalty points:\*\* 20.0
- \*\*Penalty reasons:\*\* Missing dispute-resolution governance; Unclear decision rights

### ## Score Breakdown

- \*\*ARS (Adoption Readiness):\*\* 43.06/100
- \*\*GQS (Governance Quality):\*\* 35.4/100
- \*\*TSS (Trustworthiness & Sustainability):\*\* 58.42/100

### ## Scenario Description (Benchmark Input)

- Domain: iot\_device\_integrity
- Governance model: consortium\_bft
- Stakeholders: 6
- Trust asymmetry: 3 / 5
- Data sensitivity: 3 / 5
- Dispute frequency: 5 per month
- Regulatory pressure: 1 / 5
- Adoption stage: idea

### ## Governance Evidence Flags (Binary)

- Incident response present: 1
- Upgrade policy present: 1
- Dispute process present: 0
- Decision rights clarity: 0 (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).