

ZISTEK

Brings verification and validation to life.



A change upstream should not become uncertainty downstream

THE ZISTEK VALIDATION THREAD

One validation activity. Multiple perspectives. One connected record



Phases of work

Plan → Build / Configure → Test → Analyse → Decide

Lifecycle stages

Development → Industrialisation → Production → In-service

Product assembly levels



Cell

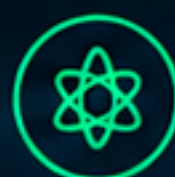
Module

Pack

KEY BENEFITS



PRODUCT CHARACTERISTICS



Battery chemistry agnostic



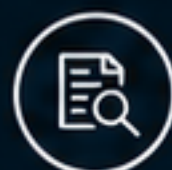
Powered by a commercially tailored battery validation and verification knowledge framework



Developed around real industry use cases, operational needs and governance standards

Engineering judgement stays at the centre.

MALIXORZERO



Clearer context



Greater collaboration



Stronger decisions

Zistek helps teams focus on interpretation, technical judgement and authorised decision-making rather than reconstructing fragmented information.

Calibrate Zistek against your V&V operating model

Influence the next generation of Battery V&V



FOR MANUFACTURERS

Take a lead in defining stronger industry practice

Benchmark against your requirements, DVPs, configurations, change control, and governance.



YOU COULD CONTRIBUTE



A representative validation workflow



Engineering, quality & governance insight



A historical, or live-shadow use case



WHAT YOU GAIN



Early influence over capability & intelligence



Trace parameter change through impact, deviation, response and provenance.



A context aware intelligent validation lifecycle



FOR TEST FACILITIES

Take a lead in defining traceability standard

Benchmark the customer traceability thread from bid to execution, data and evidence return.



YOU COULD CONTRIBUTE



A representative programme workflow



Quotation, Scope, & contracting practices



Execution, deviation & customer communication workflows



WHAT YOU GAIN



Faster, fewer exchanges with setup, data and reporting in one view.



See opportunities and quote by capability and availability.



Build customer trust with visibility & agility

THE ZISTEK THREAD IN ACTION



Manufacturer Validation Intent Creation

- Requirements / DVP
- Target configuration
- Engineers - validation and quality
- Authority and internal handoffs
- Programme timing
- Continuity across teams, suppliers & test partners



ZISTEK Validation Release

- Contextaware Intelligence
- Criteria to capability check
- Engineering review & approval
- Bid invitation issued
- Controlled data & IP access between parties



TEST FACILITY Availability & Bid

- Context aware intelligence
- Scope & capability check
- Setup feasibility & Slot availability
- Internal authority review
- Bid submission
- Built-in customer data separation & role-based access



ZISTEK Execution & Intelligent exchange

- Status & deviation alerts
- Evidence Trail & format support
- Config support and setup alignment Test Facility
- manufacturer maintains Traceability



Manufacturer Evidence, insight & decision

- Acceptance criteria review
- Deviation & gap impact
- Modelling analysis
- Engineering decision
- Retain learning & evidence for future programmes.

INTELLIGENCE THAT DEEPENS WITH CONTEXT AND MATURITY



ORGANISATIONAL KNOWLEDGE FRAMEWORK

Build proprietary validation intelligence from your own knowledge.



ROLE AWARE VALIDATION INTELLIGENCE

Assistance for each role and team with the context it needs to act.



PHYSICS AND ENGINEERING INFORMED MODELLING

Get more engineering value from every validation dataset.

