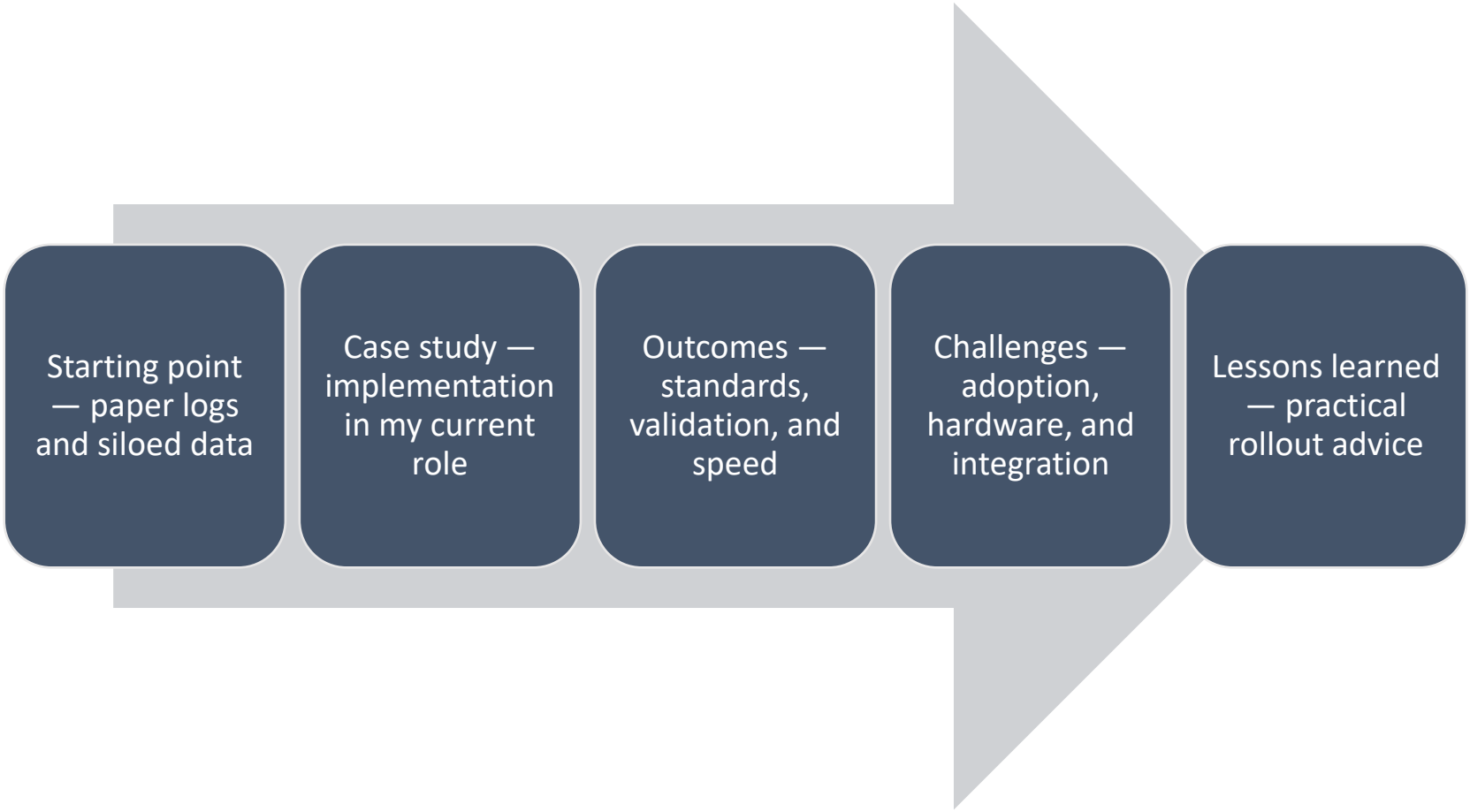
Implementing Digital Logging Systems – Why it's Important and Lessons Learned

Benefits, Pitfalls, and Lessons Learned from the Field

By Nicola Stephen, Database Geologist, Bathurst Resources

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A Digital Logging Case Study



The Cost of Paper and Siloed Data



PAPER LOGS

1

High-value geological data is trapped

MANUAL ENTRY

2

A severe data bottleneck forms

SILOED SYSTEMS

3

Fragmented records prevent a shared view

DECISION-MAKING

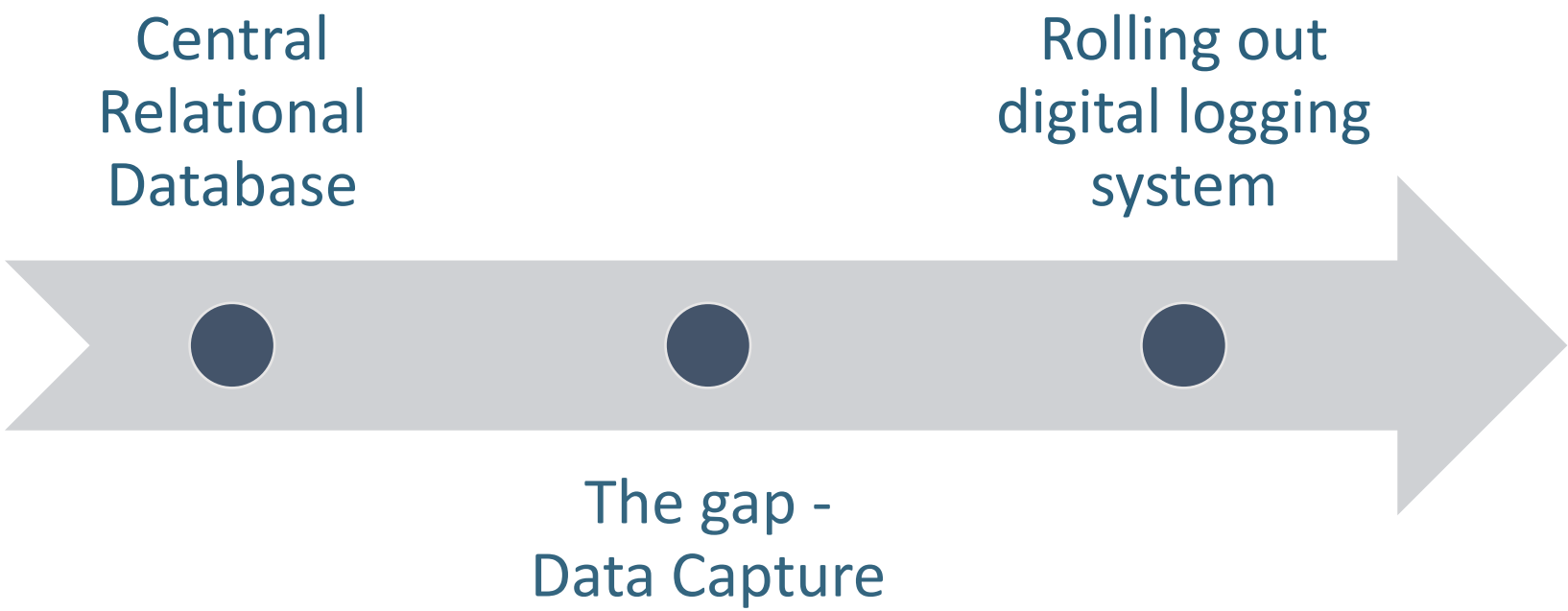
4

Real-time action is limited

COMPOUNDING EFFECT

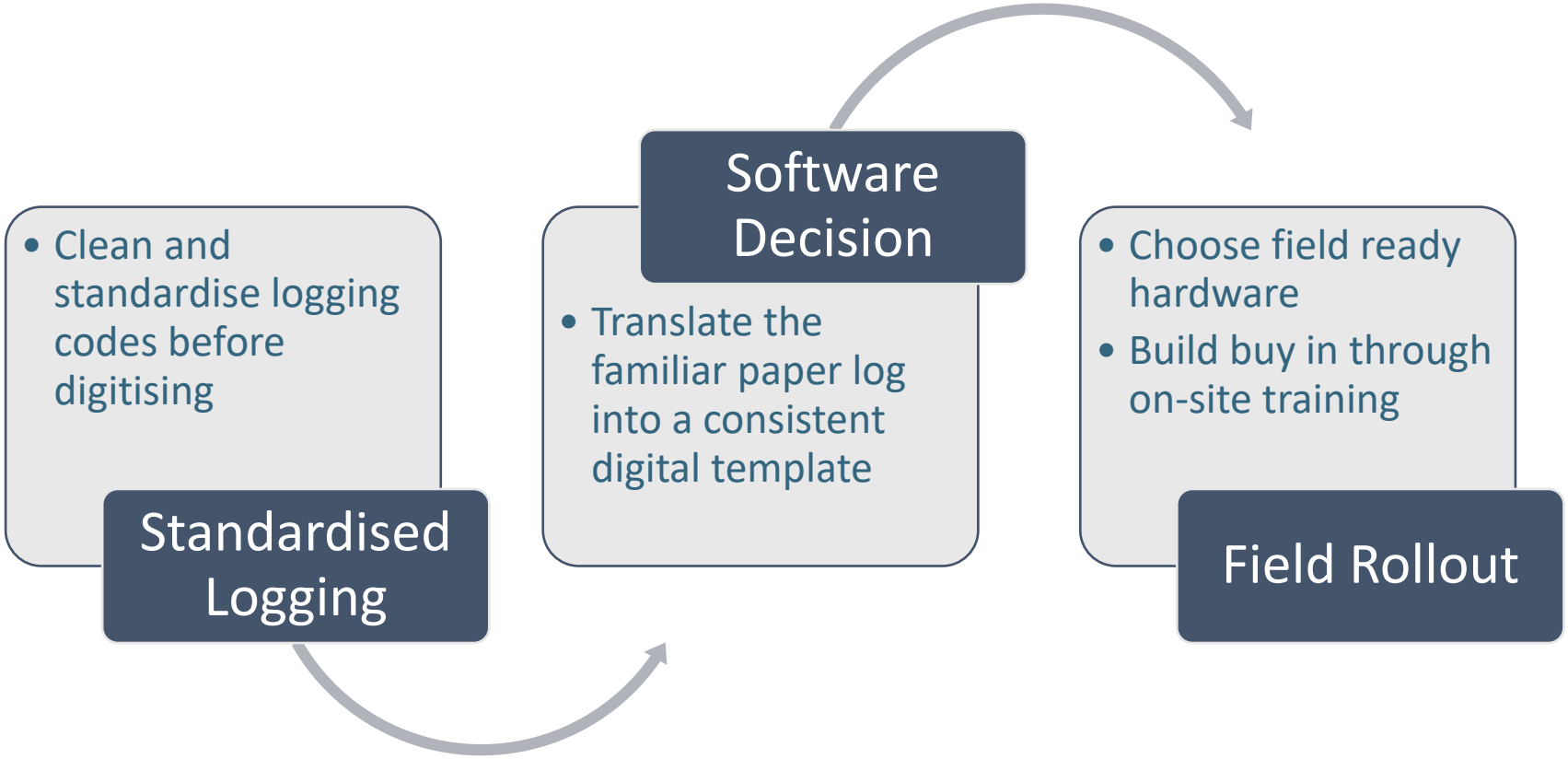
Decisions arrive late — and without a complete, real-time view.

Implementation at Bathurst Resources

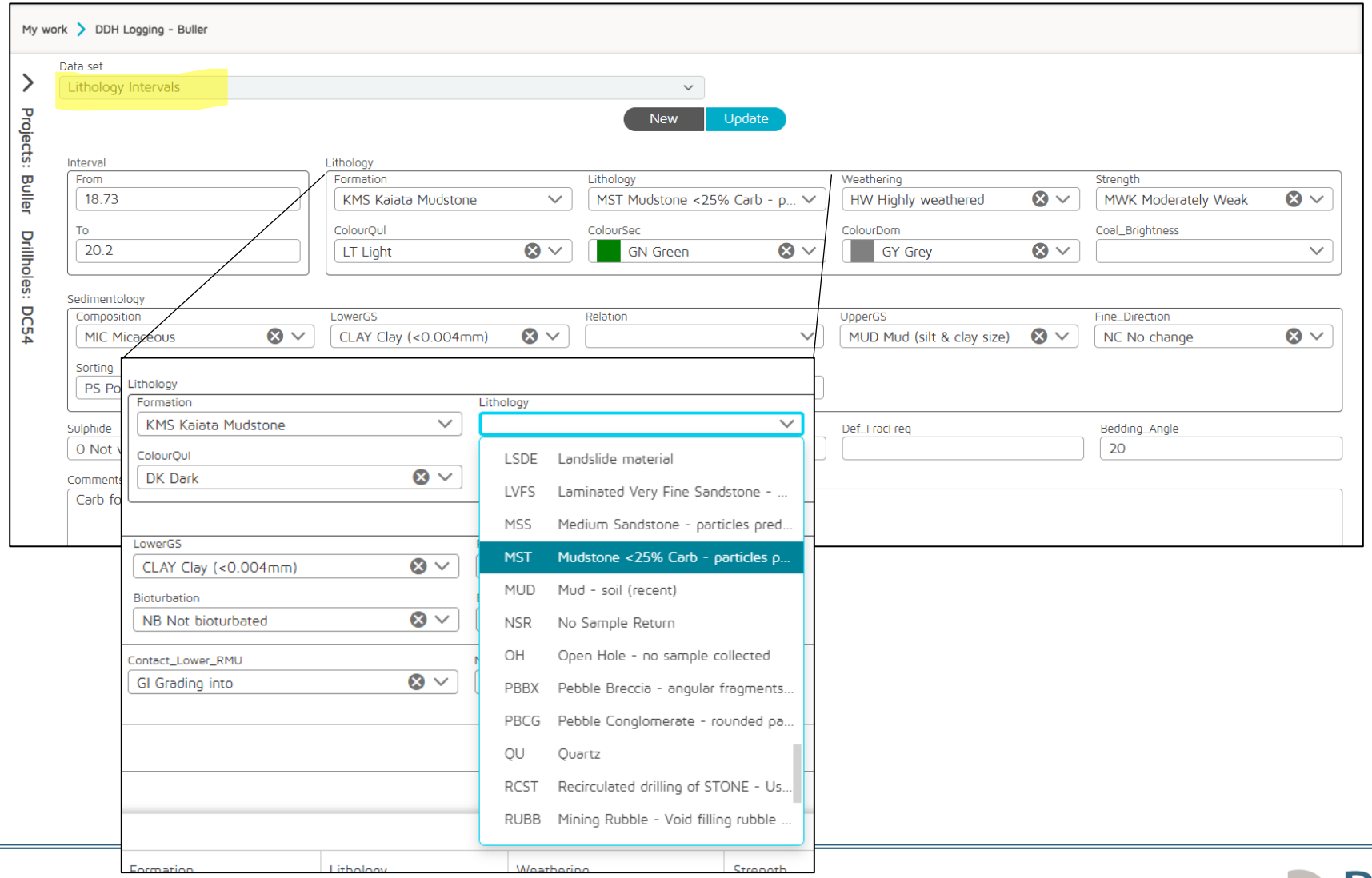


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What Does "Going Digital" Actually Mean?



Inside the Logging Template



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Benefits of Digital Logging

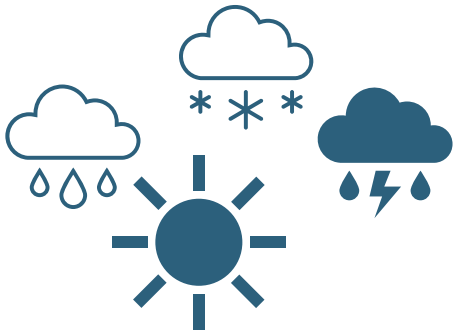
- Trusted Data
- Consistent Standards
- Faster Decisions



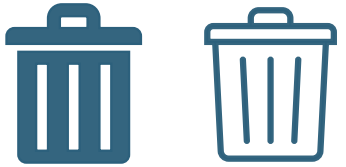
Field geo caught in the wild enjoying digital logging system

The Pitfalls of User Adoption

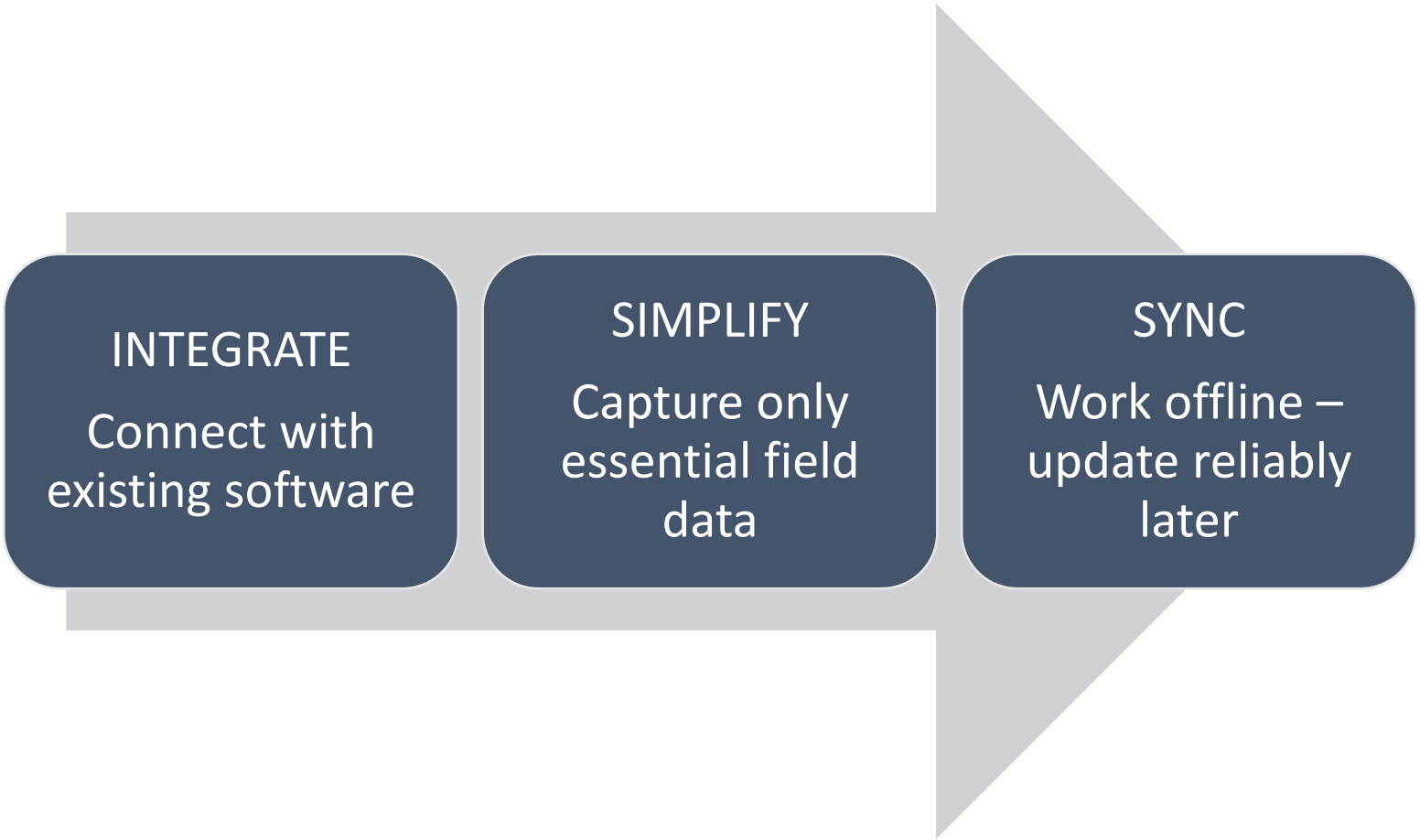
- Harsh field environments challenge hardware reliability.
- Cultural resistance from field geologists.
- "Garbage in, garbage out" risk remains real.





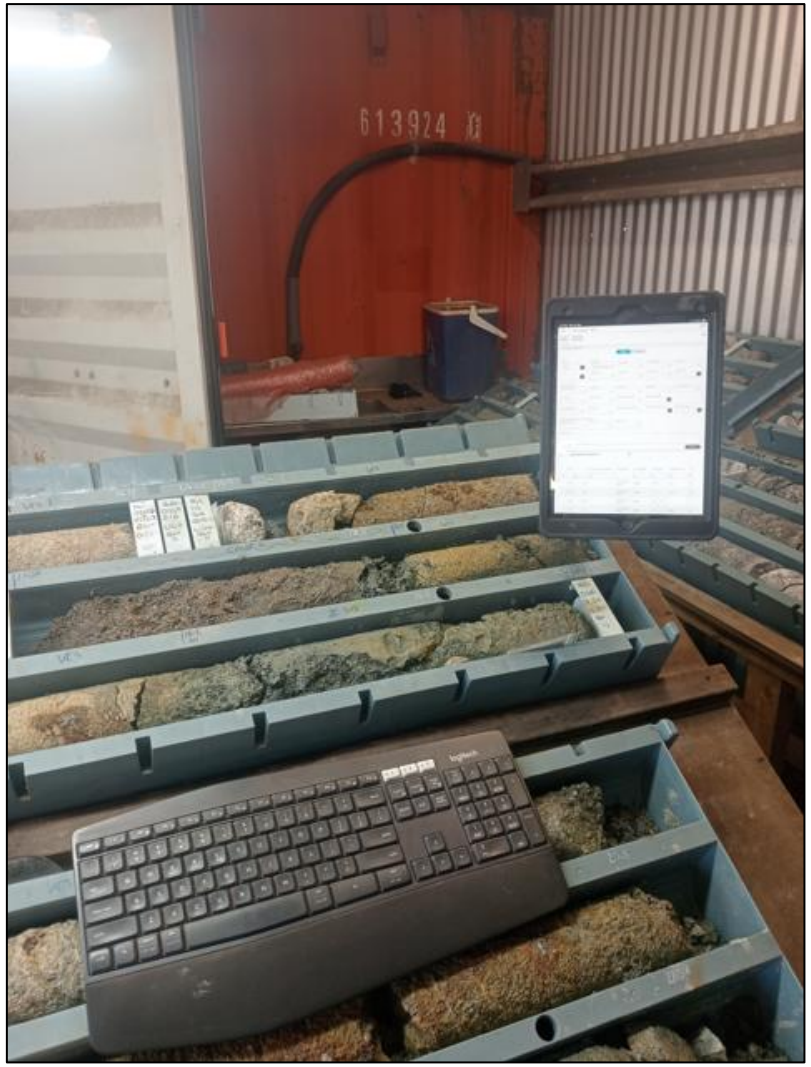


Fitting Into Existing Workflows



Practical Insights for Success

- Involve field geologists early in schema design.
- Prioritize UI simplicity over complex data fields.
- Choose software proven offline before you commit.
- Standardize now — it's what makes AI useful later.



Digital logging at the core shed

Yes — It’s Worth It

Digital logging unlocks trapped data value.

Success relies on people, not just software.

Any questions?

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