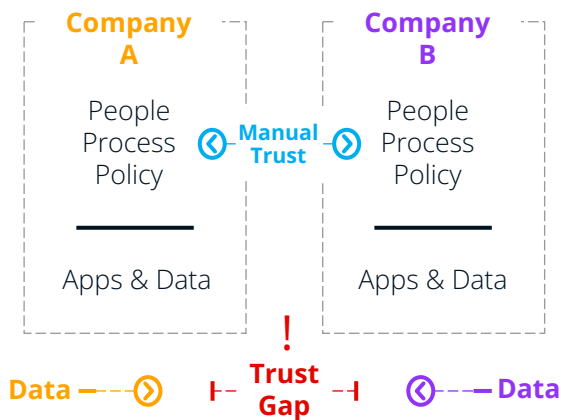
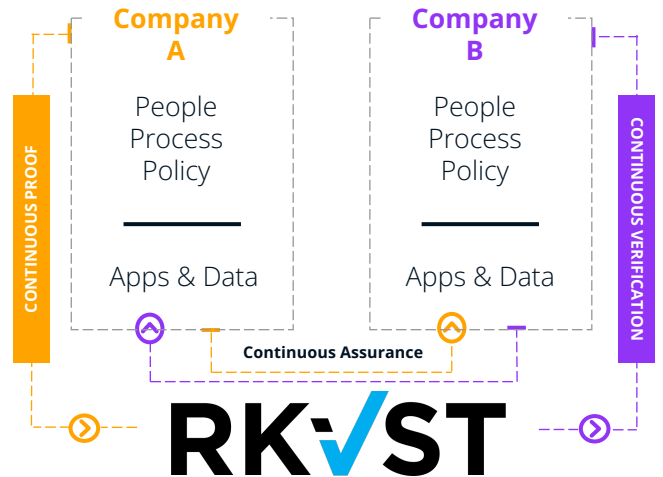


Bridging the Trust Gap

BEFORE



AFTER



Old: Trust but Verify

Traditional processes can't keep pace with the speed of digital.

Security audits go stale within days, and data is either locked away in silos or assumed trustworthy, even when it isn't.

And it's even harder to rely on data from silos beyond your control.

This is the **Trust Gap** and it's getting wider.

New: Verify *then* Trust

With RKVST you can continuously **verify then trust** data that originates outside your domain of control before making critical decisions.

RKVST keeps an unbreakable chain of evidence recording **who did what when** to any physical or digital asset.

It replaces error-prone paperwork and file transfers with an auditable, secure, API-first source of truth that is instantly machine verifiable.

Boost Trust. Reduce Risk. Speed Operations.



Zero Trust IoT Devices

Advanced Zero Trust authorization

The modern approach to cybersecurity is Zero Trust: don't place all faith into a single component, rather continuously verify trustworthiness for every authorization.

Typical IoT solutions & devices rely on standard approaches to authentication, such as PKI certificates, to verify device identity and trust devices. However, many other systemic issues such as firmware bugs, cloning, or missed maintenance SLAs can mean the device and its data are not trustworthy and pose a threat.

Device Authority chose RKVST for its ability to gather and distribute the trustworthy supply-chain-wide security and maintenance information that is essential to making reliable real-time zero trust authorization decisions where the compromise of legitimate devices poses a threat.



Benefits

- **Controlled SBOM distribution**
Complete traceability of device software provenance, but only for those who need to know.
- **Advanced composition analysis**
SBOM is just the start: knowledge of where the software is deployed, how it has been handled, and whether it is up-to-date fuels higher quality decisions
- **Reduce IoT risk**
Automated Zero Trust decisions underpinned by checks on SBOMs and other lifecycle events reduce the risk of compromised devices entering your network.



Accelerating Sensitive Supply Chains

Bridging the Trust Gap in nuclear waste handling

Together with Digital Catapult, the UK authority on advanced digital technologies, Sellafield was looking to evaluate novel solutions that could create a trusted and secure record for tracking hazardous waste and materials throughout the nuclear industry.

Sellafield chose RKVST for its ability to accurately represent physical handling lifecycles in a high integrity record that provides reliable access to all stakeholders to do their job with minimal disruption to existing systems and processes.

With RKVST track-and-trace of waste assets and other advanced digital technologies, Sellafield and Digital Catapult forecast significant cost savings and handling speed improvements with vastly increased reliability and data accuracy.



Benefits

- **Know your things**
Complete traceability of provenance, operations, and maintenance for the life of the asset wherever it is
- **Minimize transcription errors**
Consistent physical-to-digital mapping means all stakeholders know they're dealing with the right items, and a single source of truth eliminates the use of stale, incorrect, or mistyped data
- **Integrate with existing systems**
Get the benefits of Blockchain without major disruption to software systems and processes