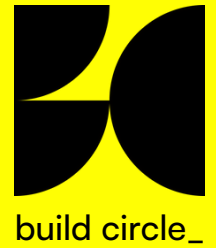


IMPLEMENTING A VERIFIABLE & IMMUTABLE LEDGER FOR DATA INTEGRITY



RTGS.global[®]

www.buildcircle.co.uk

KEY HIGHLIGHTS



Funding Unlocked

Additional funding unlocked enabling RTGS to invest further in this technology



SQL Ledger Feature

Featured as a case study for the SQL Ledger feature launch at MS Build 2020



Improved Development Process

Build Circle retained, remaining integral to the development process

“Working with Build Circle gave us the confidence that our data integrity was provable, secure, and future-ready. Their expertise with Azure SQL Ledger helped us achieve transparency at a scale that meets the trust our clients and regulators expect.”

Chief Technology Officer, RTGS

The Challenge

RTGS needed to guarantee the integrity of its transaction logs and account-balances in an environment where even a small discrepancy could undermine trust and regulatory compliance. Records of who had done what, when and how needed to be provably immutable. Against this backdrop, RTGS sought to implement a verifiable, tamper-proof ledger that would show that no transaction log or balance had been modified undetected.

build

The Solution_

Build Circle stepped in to work alongside RTGS (and in collaboration with Azure SQL Ledger's pre-release feature from Microsoft). They integrated the ledger technology into RTGS's core database system across six Azure jurisdictions, covering multiple fiat currencies. This deployment provided an immutable, verifiable record of each transaction and balance, enabling RTGS to prove data integrity at scale.

Outcomes_

- Additional funding unlocked, enabling RTGS to invest further in ledger technology.
- The deployment was featured as a case study for the SQL Ledger feature launch at Microsoft Build 2020, demonstrating technology leadership.
- Build Circle retained by RTGS and remained integral to the continuing development process, highlighting the value of the ongoing partnership.

RTGS partnered with Build Circle to implement Microsoft's Azure SQL Ledger across its global settlement platform, establishing a verifiable, immutable transaction ledger to safeguard data integrity. The solution gave RTGS provable assurance over transaction logs and account balances, unlocked further funding, and positioned the organisation as a technology leader, cementing a long-term collaboration with Build Circle.

