



*Auto-Reconciled Collateral Contracts*

# Collateral and Settlement Infrastructure for **Bitcoin-Enhanced Treasury Bonds**





BlockSpaces is a Bitcoin-focused financial infrastructure company developing programmable systems for collateral and settlement across institutional-grade Bitcoin markets. The core product, ARCC (Auto-Reconciled Collateral Contracts), enables secure, rule-based management of Bitcoin-denominated financial instruments, offering native support for collateralization, execution, and redemption workflows for operational efficiency.



## ARCC Programmable Contract Framework

- ✔ Supports fixed & performance-based terms
- ✔ Ensures principal protection
- ✔ Enforces maturity logic
- ✔ Verifiable Bitcoin custody

## Core Functional Capabilities

### Bitcoin Acquisition Management

- API-based integration with approved OTC desks
- Automated initiation of escrow with Bitcoin reserve allocation logic

### Qualified Custodian Support

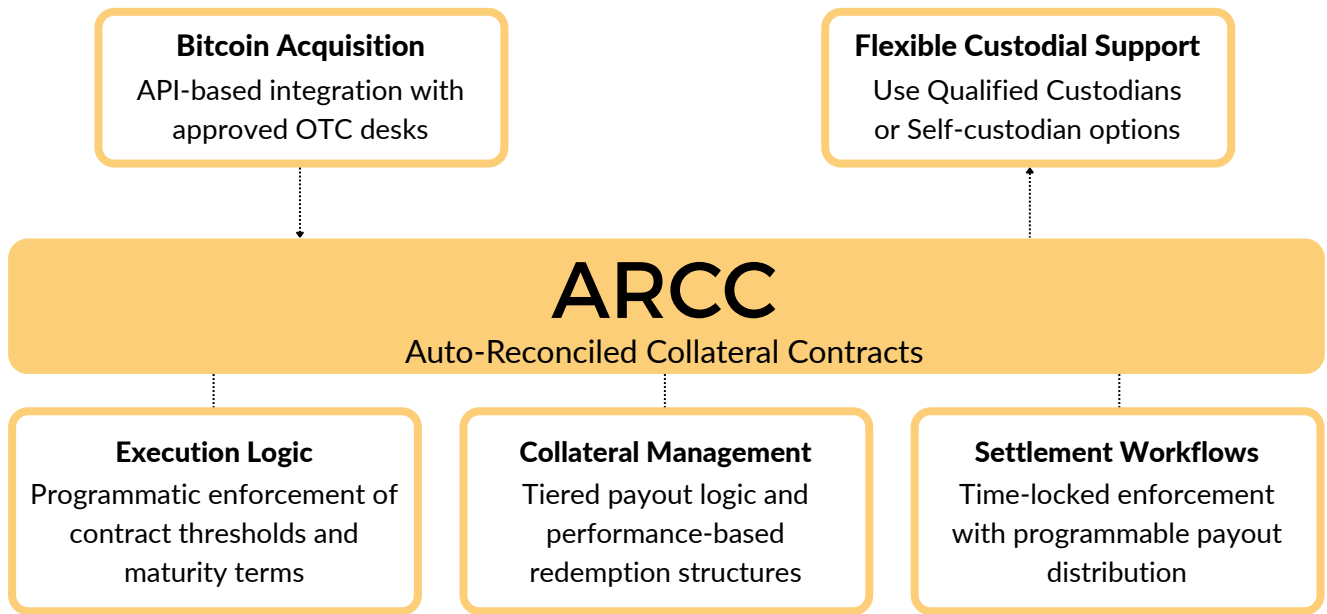
- Multi-signature key vault architecture
- Transparent, auditable reserve visibility

### Execution and Collateral Logic

- Programmatic enforcement of contract thresholds and maturity terms
- Supports tiered payout logic and performance-based redemption structures

### Settlement Workflows

- Auto-reconciled redemption of principal and Bitcoin-linked returns
- Time-locked enforcement with programmable payout distribution



## ₿ Bond Framework – Key Features:

- Hybrid instrument combining fixed income with Bitcoin upside
- Integrates conventional coupon payments with Bitcoin-linked performance
- Portion of issuance allocated to Bitcoin acquisition
- Final redemption includes fixed coupon + variable Bitcoin-based payout





## Supports ₿ Bond Mechanisms:

- Execution infrastructure to manage the allocation and locking of the Bitcoin reserve component
- Programmable enforcement of threshold-based redemption triggers, including tiered upside logic
- Secure custody support aligned with sovereign-grade standards for Bitcoin storage
- Real-time reporting and contract-level reconciliation suitable for oversight and transparency

ARCC is modular, interoperable, and ready for deployment across public and private financial systems. It supports ₿ Bond issuance, custody, and settlement—ensuring principal protection, reserve growth, and programmable upside with transparency and security.

Visit [blockspaces.com](https://blockspaces.com) or email [info@blockspaces.com](mailto:info@blockspaces.com) to book a live demo.

