The Properties of Distributed Ledger Technology (DLT)

Programmable

A blockchain is programmable (i.e. Smart Contracts)

Distributed

All network participants have a copy of the ledger for complete transparency

Secure

All records are individually encrypted

Immutable

Any validated records are irreversible and cannot be

Anonymous

The identity of participants is either anonymous or pseudonymous

Time-stamped

A transaction timestamp is recorded on a block

Unanimous

All network participants agree to the validity of each of the