



# BCT4SMEs

## Security and Privacy

### 1. Cyber Security

Small businesses are highly affected by cyber-attacks. Blockchain secures the information intact; but managers must choose the best platform depending on the required level of private, size of network and the need for cryptocurrency tokens.



### 2. Cloud Database



Blockchain as a Service (BaaS) platform gives the missing security of just using cloud alone, and improve network performance through peer-to-peer management and the use of a shared ledger.

### 3. Digital Identity Management

Blockchain provides the opportunity to have self-control and privacy over all your digital identity as it does not require passwords, and it's opt to you to use a unique identity across multiple platforms.



### 4. Records management



For the SME manager, it is important to authenticate intellectual property with less cost and efficiency, so it is important to move from the old registration method to DLT.

### 5. Securing Private Messaging

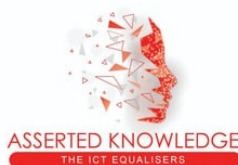
Business communication involves trade secrets and strategic decisions. Blockchain protects them through encrypted instant messaging and the decentralization of sensitive operations



### 6. IoT Security



Embedding blockchain to "Internet of Things" provides protection due to its decentralized data repository and the use of a common ledger to collect transactions dispersed across nodes. The challenge for a SME is the approach to take.



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