



## **BITCOIN**

The purpose of this document is to offer as well as outline a training program that focuses on bitcoin, blockchain and other related law enforcement investigation techniques. Bitcoin is a digital currency that is operated by a decentralized authority, as opposed to government issued currencies used for everyday transactions. Bitcoin, having been labeled as cryptocurrency offers the promise of lower transaction fees than traditional online payment mechanisms. Bitcoins are intangible, they are traced through balances associated with private and public keys. These balances and all the transactions of a bitcoin are recorded in a public ledger know as a blockchain.

- Outline
- Bitcoin Basics
- Peer-to-Peer Decentralized Networks
- Cryptography
- Tor and Onion Routing
- Bitcoin Infrastructure
- The Blockchain 2.0
- IoT + Blockchain 3.0
- Investigations involving Blockchain
- Laboratory Workshops