

Introduction to Blockchain

Course 6991 – 3 Hours

Overview

Blockchain is a relatively new technology that provides a distributed network storage, which is based on consensus and intensive encryption. Blockchain allows digital asset transactions to take place between two endpoints with no centralized middleware. Since almost everything in our lives can be expressed as a digital asset – Blockchain has the potential to renew some of the most traditional services countries and institutions provide like Banking system, Credits, Notorious services, Insurance services, Property agreements and much more...

How exactly this technology enables such dramatic implementations? What do we have now? And most important – where is it all going ?

This seminar gives much more than a clue regarding Blockchain technology, Crypto-Currencies, DAPPs and Mining. The seminar also discusses opportunities and potential in Blockchain technology for the existing industry and deals with regulation issues.

Who Should Attend

- Managers
- Team leaders
- Architects

Prerequisites

- Technological orientation

Course Contents

- Introduction to Blockchain
 - What is it?
 - How does it work?
 - Transactions
 - Consensus mechanism
 - Blocks
 - Basic terms
 - Wallets
 - Validators
 - Smart-contract
 - Digital assets
 - Why it is naturally secured?

- Crypto-currencies
 - Bitcoin
 - Ethereum, DAPPs & ICO
 - Ripple
 - Others

- Mining
 - What is Mining?
 - Proof of Work
 - Proof of Stake – the end of Mining?

- In general
 - Market cap
 - Development frameworks
 - Industry support
 - Private Blockchain

- Where is it going?