

Blockchain for Telcos: As adoption nears, the telecom sector must have shared visions ready

<https://marketpublishers.com/r/B9D932F24637EN.html>

Date: April 2020

Pages: 41

Price: US\$ 3,300.00 (Single User License)

ID: B9D932F24637EN

Abstracts

This report echoes one in 2019 by IDATE DigiWorld on the impact of blockchain and decentralisation on media markets.

The study presents the opportunities for CSPs to leverage on blockchain capabilities.

Our analysis is based on a global benchmark of CSP concrete public initiatives in blockchain. These have served to identify the potential internal and external applications for telcos and to draw the market trends.

Based on the development of blockchain-related PoCs, the report focuses on the major use cases that bring added value for CSPs in highlighting stakes and opportunities for each case.

It includes an overview of the positioning of key stakeholders towards the blockchain, covering both major CSPs and key technology providers.

The report goes with an Excel file including a tracker of use cases.

Contents

1. EXECUTIVE SUMMARY

2. OVERVIEW OF BLOCKCHAIN TECHNOLOGY

- 2.1. Definitions
- 2.2. Key concepts
- 2.3. Value proposition
- 2.4. Offerings

3. APPLICATIONS OF BLOCKCHAIN IN TELCO BUSINESSES

- 3.1. Potential areas for blockchain applications in CSP processes
- 3.2. Expected benefits from blockchain implementation

4. APPLICATIONS OF BLOCKCHAIN IN TELCO BUSINESSES

- 4.1. Overview of CSP usage of blockchain
- 4.2. Overview of areas of blockchain adoption in CSP processes
- 4.3. Overview of CSP-preferred blockchain technology providers
- 4.4. Summary of CSP blockchain experiments

5. FOCUS ON FOUR USE CASES: CSPS STAKES, OPPORTUNITIES, PERSPECTIVES

- 5.1. Inter-carrier settlements and reconciliation
- 5.2. Identity management
- 5.3. Payment services
- 5.4. IoT device connectivity and security

6. ECOSYSTEM

- 6.1. Telecom blockchain consortia
- 6.2. Player profile: Telefónica
- 6.3. Player profile: Deutsche Telekom
- 6.4. Player profile: Vodafone
- 6.5. Player profiles: Turkcell and Asia Pacific Telecom
- 6.6. Player profile: TBCASoft

6.7. Player profile: Clear Blockchain Technologies

7. MARKET TRENDS

7.1. Drivers

7.2. Barriers

7.3. Perspectives

Tables & Figures

TABLES AND FIGURES

Overview of blockchain technology

Blockchain early vision of a decentralised Internet

Analysis of the different types of blockchain

Smart contracts concept

Main applications use cases

Overview of the most notable blockchain implementations

Focus on four use cases: CSPs stakes, opportunities, perspectives

ID creation process via the blockchain (IBM)

ID creation process via the blockchain (Businessline)

Cross-carrier payment system backed by blockchain

Blockchain in support of IoT

Ecosystem

Blockchain in supply chain by Telefonica

Xride shared mobility pilot via blockchain

Find Unlimited AR game backed by blockchain

Cross-carrier payment system backed by blockchain

Cross-carrier identification system backed by blockchain

Inter-carrier voice settlement scheme

I would like to order

Product name: Blockchain for Telcos: As adoption nears, the telecom sector must have shared visions ready

Product link: <https://marketpublishers.com/r/B9D932F24637EN.html>

Price: US\$ 3,300.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/B9D932F24637EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970

