Blockchain Practice

ADVISORY SERVICES

Identify and advise processes where blockchain can deliver maximum value. Considering key outcomes expected and success criteria like scale or performance, advise on the best suited blockchain technology.

USE CASE IDENTIFICATION & POC

Help identify an impactful use case that demonstrates both the viability of the technology and business impact through a rapid prototyping approach. Develop the identified use case into a near production Proof of Concept / Technology.

NETWORK SETUP & GOVERNANCE

Setting up of multi node infrastructure for distributed ledger network including consensus mechanism, onboarding of members and governance model.

DAPPS IMPLEMENTATION

Implement Distributed Applications with technology and process considerations on the selected platform. Test for necessary scale, performance and security.

OPTIMISATION SERVICES

Continuous optimization of Distributed Application, Smart Contracts and upgrades to the underlying Ledger Technology

BCS Technology International
Blockchain Practice

- BCS Technology created a dedicated Blockchain Practice in 2017 positioned as a thought-to-finish partner for enterprise clients in their blockchain journey
- The Practice provides end to end blockchain consulting services including identifying business processes that can be streamlined by incorporating a distributed ledger
- The services provided by the practice includes: Technology Advisory, Use Case Identification & POC, Network Setup and Governance, Dapps Implementation and Application and Network Optimization
- The practice has project implementation experience in R3 Corda, Ethereum based (Private Ethereum, Quorum) and Hyperledger Fabric in a variety of Industries – Financial Services, Aviation and Construction
- BCS Blockchain Practice is listed as a representative vendor in Gartner's 2018 Market Guide for Blockchain Consulting and Proof of Concept Development Service

BCS Technology was an early adopter of blockchain technology and set up a dedicated practice to enable its customers with the technology adoption in 2017. The practice works with its customers at every step of blockchain adoption, from using Design Thinking-led workshops on the business benefits of blockchain technology , use of rapid prototyping to identify most valuable use cases, creation of Proof-of-Concepts and pilot development to complete implementation of blockchain solutions, setting up and management of the distributed infrastructure for DLT network and onboarding multiple participants to continuous monitoring of the network and deliver enhancements.

The initial engagements which the practice was involved in were predominantly for the Financial Services Industry where the BCS team was involved in delivering multiple proof of concepts on the Corda platform by R3 Consortium. Few of the use cases implemented as part of the innovation lab of a large Australian Financial Services company are Unit Exchange Tokenization, Smart Contracts for Supplier Billing and Invoicing, Self-Sovereign Identity for better KYC, Property Lending Automation using Tokens and Smart Contracts etc.

The practice is currently building a Workplace Health and Safety Assurance blockchain consortium solution, initially targeted at the construction Industry, for a European Startup. The objective of the solution is to build a trusted network on Blockchain including Service providers, service consumers, third parties, insurer, regulators etc. The solution aims to drive a positive behavioral change by encouraging individual safety ownership among all participants and enable organizations in the network which currently uses disparate systems to communicate transparently using a universal safety protocol. The solution is being built as a Responsive App utilizing the Quorum (Ethereum Fork) as the Blockchain Platform. The solution will be in pilot during August 2018.

The other blockchain projects which the practice is currently involved in are Fire and Safety PoC for a Middle Eastern customer in partnership with SAP and Leasing Management solution for an APAC based Airline group.

BCS Blockchain Practice has partnerships with Microsoft, SAP, DXC and HPE and is a contributor to open source Corda.

BCS Technology is an award winning global IT Professional Services company headquartered in Australia, with offices in India, Singapore, Philippines and Mexico focused on delivering high quality and cost-effective solutions that meet the increasing technology demands of companies across the globe in various industries.

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