

“What the internet did for communications,
I think blockchain will do for trusted transactions.”

IBM CEO Ginni Rometty



Enterprise Blockchain Tech

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dCentra - enables with its platforms the development of innovative business models through digital, cross-organizational and automated collaboration - for asset management, additive manufacturing, supply chain or sustainable development.

Service Provider und Consulting

We work closely with our customers to identify, validate and implement use cases that show significant benefits from the use of DLT / Blockchain.

Innovator

- **dNet & dFlow** are frameworks that offer innovative and simple possibilities to create decentralized and cross-organizational business applications while keeping the programming effort to a minimum.
- **TrustedUpload Mobile App** – the online backup, communication and assessment of documents and media files is enhanced with the qualities of a blockchain through a simple mobile app – all to ensure original and trustworthy digital content.
- **ClimateCoop** is developing into a blockchain-based, decentralized collaboration platform for the UN SDG (the UN goals of sustainable development). The project will enable a dynamic, self-organized consortium composition for project execution and support the decentralization and localization of SDG projects.

dCentra starting Q1 2018 until today

Consultancy – Blockchain & IoT

We support large corporations with diverse project assignments that are carried out in various subsidiaries in order to identify, design, provide and operate complex blockchain solutions.

Customer references on request.

Domains: Logistics, Energy, Procurement, Additive Manufacturing

Products / R&D

dFLOW

dNET

trustedupload

ClimateCoop
SDG Collaboration Redefined



Communities / Kollaboration



Customer projects (in-house development)

giz
Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH

WEATHER RISK
securing smiles

Recording of agricultural production data and transparency of the supply chain - sustainable production as a prerequisite for insurance protection against extreme weather events for farmers – **Germany, India and Zambia**

IDB perspectives climate group

Registration & Tracking of CO2 Emissions for Truck Fleets - **Ecuador**

BLOC-A AG

Development of a blockchain platform for the registration and administration of author rights in the music industry **UK and Swiss**

Prototyps "Impact based financing" & „Forest Preservation Token“
Kenia, Panama & Nicaragua

Events/Awards

INNOVATE4 CLIMATE

COP24

UN environment assembly

Sustainable Innovation Forum 2018

Technologie

HYPERLEDGER FABRIC

Lisk
ARK10
ethereum



SCALE!

ACCELERATION



EVOLUTION



EXPERIMENTATION



TODAY
Synthesize
Success Factors

Q3 2016
Early Adopter

- Immature and unstable technology
- Questionable use cases
- No ROI

Q3 2017
Agile Trial & Error

- First tries
- PoC level quality
- Better identification of use cases
- Technical challenges
- Difficult ROI justification

Q1 2018
dCentra is founded

- Develop the vision of creating a business application framework for cross-organizational collaboration and enabling reuse of functions and resources -> shortening time to market
- Start of ClimateCoop in SDG and award ceremony from MIT and UN Environment
- Actively identify new use cases

Q2 2020
Increased Efficiency

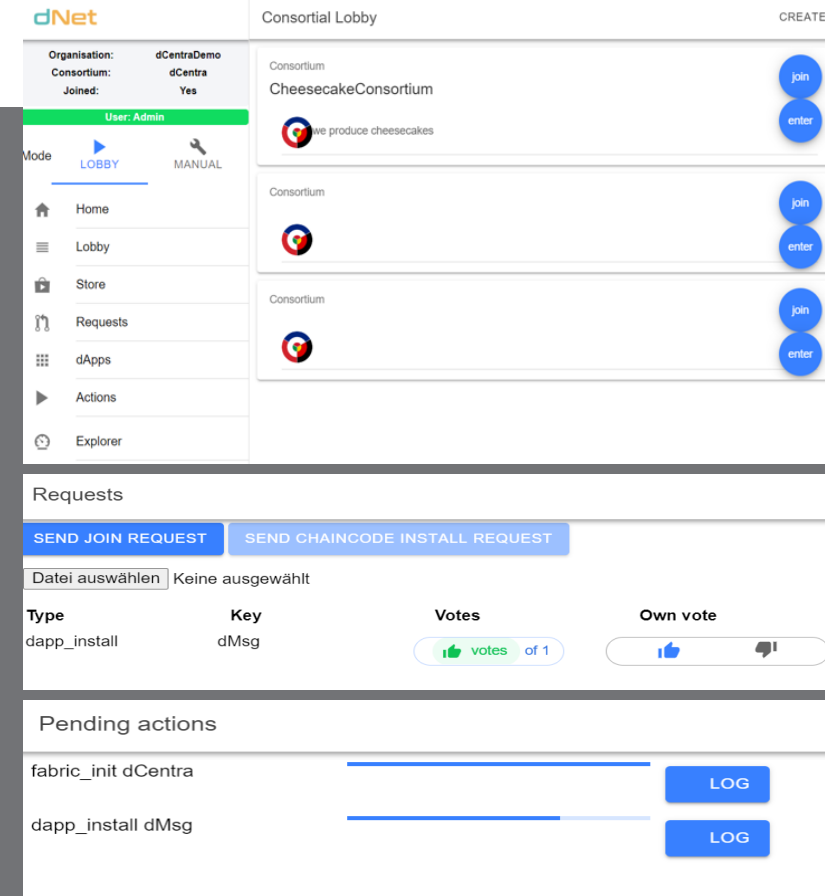
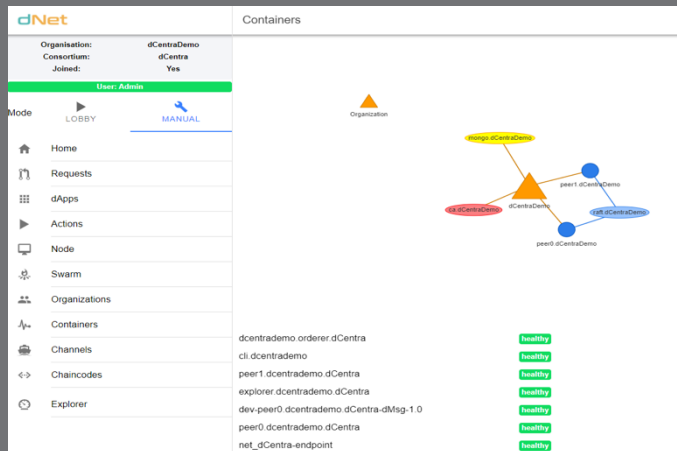
- Recognizing the need for a simple representation of SmartContracts and switching to configuration instead of programming - the product **dFLOW**
- Technology adaptation to simplify the implementation, operation and maintenance of decentralized applications.
- The prototype / MVP creation and testing process has been dramatically simplified.
- The technology is ready for production and used repeatedly in customer projects.

- Significant development of the blockchain framework - the product **dNET**
- Achieving a high level of maturity in the quality and technology of the delivery artifacts - blockchain service delivery, CI / CD, release management, operation and maintenance as well as application lifecycle management
- Cooperation with our customers is intensified, followed by further project successes

dNet – „decentralized Network“

– Blockchain Infrastructure Management

dNet is a framework that radically simplifies the process of creating blockchain infrastructures for consortia. New, connected and digitized forms of partnership and cooperation between organizations are made possible by using dNet at the click of a mouse. The collaboration model is defined online and uses decentralized methods to share governance and decision-making among participants. This ensures complete verifiability and transparency of the processes. Business processes are implemented and rolled out on distributed apps via dNet. The life cycle management of the business logic and its implementation becomes visible and comprehensible for all participants.



The software allows definition of decentralized, blockchain-based infrastructures to be created and managed in a visual, self-explanatory manner.

The framework is based on Hyperledger Fabric.

Explanation video:

<https://www.dcentra.io/dnetvideo>

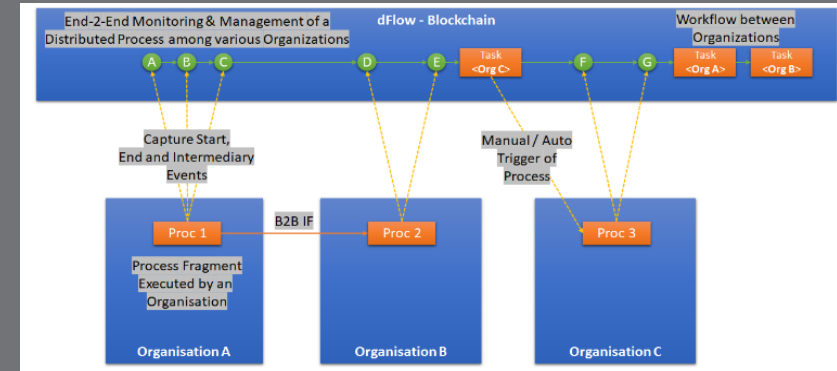


dFLOW – „decentralized Workflow”

Define and execute business workflows and processes

Problem: The digital transformation has reached the companies individually, but only partially reflects the B2B collaboration. The questions related to data sovereignty, integrity, trust, verifiability and definition of the business logic between the participants are often not easy to clarify. The use of blockchain technology offers significant advantages in this regard, but the development, use and operation of such applications is often very complex and only accessible to technically familiar employees.

Solution: The aim of the dFlow framework is to make the potential and advantages of decentralized B2B applications accessible to a very wide range of users by introducing "visual SmartContracts". The simplicity of use and the self-explanatory logic should increase the acceptance and use of digitized B2B collaboration in order to optimize business processes beyond the organizational boundaries.

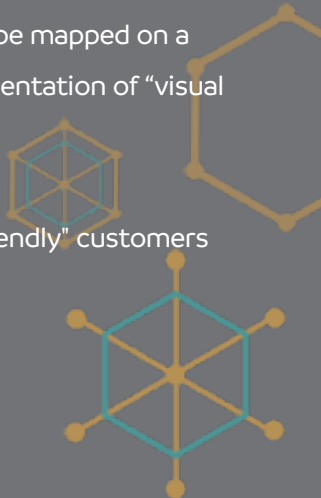


The software allows the definition and implementation of cross-company business processes to be mapped on a blockchain-based platform in a visual, self-explanatory manner - to create and enable the implementation of "visual SmartContract". The framework is based on Hyperledger Fabric.

The dFlow Framework is in an advanced stage of development. We are currently working with "friendly" customers and are setting up the first running projects.

Explanation video:

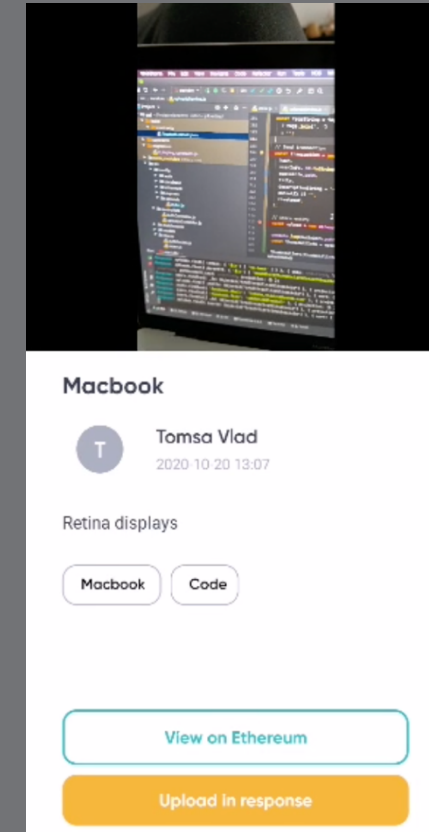
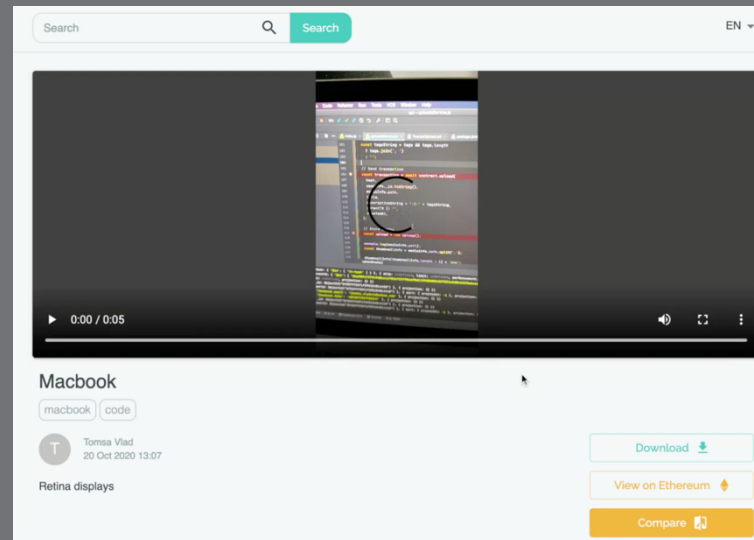
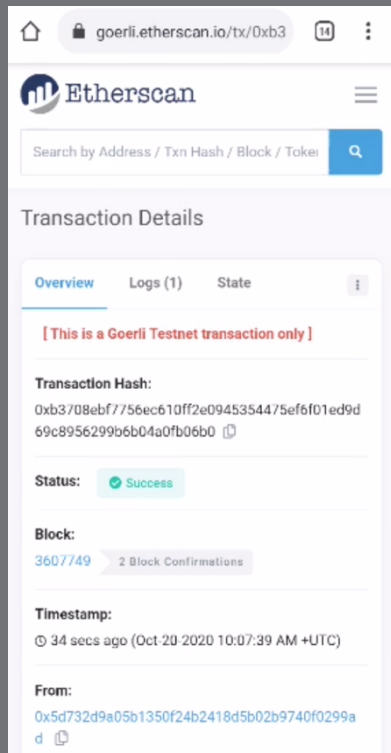
<https://www.dcentra.io/dflowvideo>



TrustedUpload Mobile app and web application

The online backup, communication and assessment of documents and media files is enhanced with the qualities of a blockchain - to ensure original and trustworthy digital content – all this by simply using a Mobile App connected to a blockchain.

A web application for searching and comparing digital files complements the functionality of the mobile app.



TrustedUpload is in an advanced test phase, the rollout of the app in the Apple and Android AppStores is currently taking place.

The app currently uses the public Ethereum Blockchain Network to secure the metadata for the digital content - for test purposes. Any blockchain network can be used for this, including private / permissioned infrastructures, the possibility of adaptation is already integrated into the structure of the app.

Explanation video:

<https://www.dcentra.io/trusteduploadvideo>





ClimateCoop is a blockchain based, decentralized collaboration platform for the UN Sustainable Development Goals (SDG). It enables dynamic, self-organized community development for project lifecycle execution. It allows decentralization and localization of SDG related ventures, driving bottom-up movements and ensuring compliance with a policy driven regulatory framework.

ClimateCoop is the winner of the “Synergistic Solutions for Sustainable Development 2018” contest organized by the UN Environment and MIT Climate Colab. It has been presented at Innovate4Climate, has been awarded at UN Environment Assembly in Nairobi, Kenya 2019 (UNEA-4) and has been part of the World Climate Conference 2018 in Katowice, presented as Game Changer for Climate Finance in Sustainable Innovation Forum.

Explanation video:
<https://www.dcentra.io/climatecoopvideo>

More information:
<https://www.dcentra.io/climatecoop>



dCentra Engagement Team



Lead Engineering
Partner, Blockchain Plattform
Strategie



CEO, Founder, Innovation
Consulting



Senior Consultant
Blockchain, EAI & CI/CD



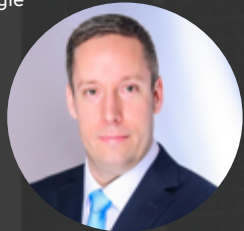
Business Analyst
JIRA Expert



Delivery
Management



Senior Developer
Fullstack



CTO, Founder, Lead Architect
Blockchain Vision & Regulation



Business Analyst
Financial & Logistik



Senior Developer
UI/UX Frontend



Architekt & Senior
Developer Backend



Sales & Marketing, Partner
C-Level Engagement & Coach



Expert in Trading, Clearing and
Settlement für Finance Products



Management Consultant
Development Lead



Fullstack Developer
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