STARTUP & SCALEUP

Portfolio

The TETRA project has received funding
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NGI TETRA

Introduction

We, at NGI TETRA, believe that co-innovation is essential for sustainable growth.

This portfolio will introduce you to promising startups coached in the frame of the Next Generation Internet (NGI) TETRA initiative.

The NGI initiative launched by the European Commission in 2016, aims to shape the future internet as an interoperable platform ecosystem that embodies the values that Europe holds dear: openness, inclusivity, transparency, privacy, cooperation, and protection of data.

TETRA is a business accelerator for startups who received funding through an NGI Open Call.

Our objective is to help NGI startups accelerate from “R&D stage” to “Go-To Market stage” based on the exact needs and struggles of each team.

We are delighted to connect NGI startups with you for potential collaboration, and remain at your disposal for any questions you might have.

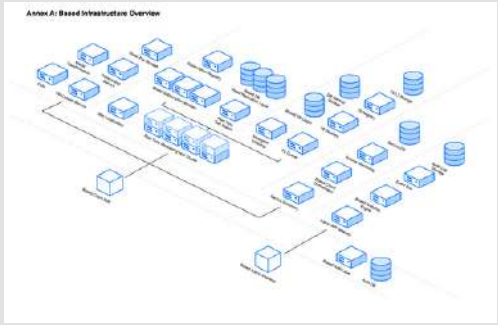
NGI TETRA

Our Startups

Based

Based is a data platform that allows developers to build and iterate faster, using the power of a custom-built real-time graph database.

Based is built because of the experience that most development time is ultimately spent on making disparate infrastructure services (like those from AWS or Google Cloud) work together in a scalable system. By integrating the most used functionalities in web development, bundled together, exposed through a developer-friendly API, we cut down development time significantly, and lower the bar for developers to be able to create cutting-edge applications. Our system is inherently scalable and will continue to last when applications become successful and scale. This means we help developers build applications from the experimentation and prototyping phase up to full-fledged production.



based

https://nl.linkedin.com/company/saulx

https://github.com/atelier-saulx/selva

COMPANY PROFILE

Founding year	Team size	Core team location
2018	13	Amsterdam - Netherlands

Current stage	Key technologies
Stratup, in the process to offer a PaaS	Real time graph database, API, Access management, internationalization, Live queries, Cloud functions, etc...

PRODUCT DETAILS

Product type	Customer focus	Target market
PaaS	B2B, B2D	Front and developers

CURRENT NEEDS

One or two more corporate partners to run pilots with, that make full use of the real time and scalable opportunities the platform offers.

CONTACT DETAILS OF THE FOUNDER(S)

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Binaré

"We Automate IoT Firmware Cybersecurity"

Binaré offers Software-as-a-Service (SaaS) automated solutions for IoT cybersecurity, research, development and technology innovation services, as well as an extensive range of related consulting, training and advisory services.
Binaré enables you to improve your IIoT/IoT cybersecurity ROI and posture. We help you reduce costs and maintain your reputation by pro-actively using our solutions and services.
Using Binare's technology and expertise, your company can cybersecure your entire IoT life-cycle, covering design, development, testing, certification, deployment, operation and decommissioning. We can also help your company become compliant with regulatory and certification requirements.
Collaboration with Binare provides your company an opportunity to engage with a professional team of internationally renowned researchers and experts.

binaré

https://www.linkedin.com/company/binare/

https://twitter.com/binareio

https://www.binare.io

COMPANY PROFILE

Founding year	Team size	Core team location
2020	10	Jyvaskyla - Finland

Current stage
Pre-seed

Key technologies
SaaS, IoT/IIoT/CPS, firmware, devices, data intelligence, SecOps, DevSecOps, automation, certified devices/firmwares

PRODUCT DETAILS

Product type	Customer focus	Target market
SaaS Platform Cybersecurity data intelligence Expert/consulting services	B2B, B2G	IoT/ IIoT/firmware cybersecurity

CURRENT NEEDS

Seed/late-seed funding, customers, co-creation

CONTACT DETAILS OF THE FOUNDER(S)

Andrei Costin, CEO
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Vadim Bogulean
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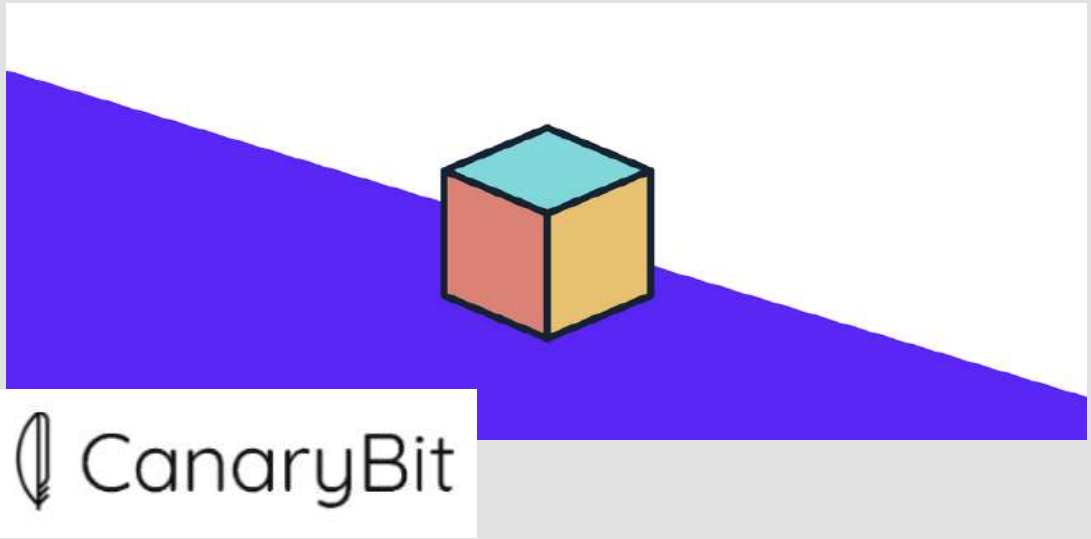
CanaryBit's CoCEM project

"Protecting Digital Ownership"

We protect digital asset ownership allowing companies to get the best value out of their data. Our solution gives data another life and opens it up for 3rd-parties collaboration and monetisation.



https://www.linkedin.com/company/canarybit/

https://twitter.com/canarybit

https://www.canarybit.eu/blog/2021/our-cocem-project-is-one-of-the-brightest-data-portability-projects-in-europe/

COMPANY PROFILE

Founding year
2020

Team size
2-5

Core team location
Stockholm - Sweden

Current stage
Early stage

Key technologies
Confidential Computing, Cloud Computing, Cryptography

PRODUCT DETAILS

Product type
Platform as a Service (PaaS)

Customer focus
B2B

Target market
Data protection, enterprise cloud computing

CURRENT NEEDS

Business partnerships, development partnerships, customers, funding

CONTACT DETAILS OF THE FOUNDER(S)

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Data Hop

"Let's democratise content distribution"

DataHop is building the next-generation mobile content distribution network by means of using unused storage capacity of end-users' smartphones to distribute content locally, substituting expensive third-party servers and using peer-to-peer technologies and off-line communications through a new smart device-to-device connectivity solution. DataHop helps disseminate content providers' media content reducing their content distribution costs and increasing users' experience improving content retrieval in poor connectivity scenarios (train, tube, etc). DataHop is backed by a smart prefetching solution to seed users' based on consumption prediction and utilise Filecoin to safely store content close to end-users at a lower cost of deploying servers at data centres, as traditional content distribution networks do.

https://www.linkedin.com/company/datahoplabs

https://twitter.com/datahoplabs

https://datahop.network

COMPANY PROFILE

Founding year	Team size	Core team location
2018	4	London, Barcelona

Current stage	Key technologies
Early stage	Peer-to-peer, device-to-device communications, mobile networks

PRODUCT DETAILS

Product type	Customer focus	Target market
Software as a Service	B2B	Global mobile content distribution market

CURRENT NEEDS

Looking for partnerships with content providers to develop first trials

CONTACT DETAILS OF THE FOUNDER(S)

Sergi Reñé Vicente

contact@datahop.network

Deriveum

"Let's democratise content distribution"

Deriveum is currently working on a software providing cross-border protections for investors in blockchain assets.

https://deriveum.com

COMPANY PROFILE

Founding year	Team size	Core team location
2021	3	Bulgaria

Current stage	Key technologies
Technology concept formulated	Distributed Ledger Technology (DLT)

PRODUCT DETAILS

Product type	Customer focus	Target market
Software	B2B	Blockchain financial assets that raise funds cross-border

CURRENT NEEDS

Expertise in the area of DLT development

CONTACT DETAILS OF THE FOUNDER(S)

Dimitar Kyosev

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+359884205444

Driverz

"Your driver- success platform"

SafeMode developed the first Driver-Success platform called Driverz, the end-to-end platform for fleets and commercial drivers. The Driverz platform allows fleets to hire, retain and enhance driver's performances. Drivers get better compensations based on their safety and profitability performances, they get recognition for their hard work and a social network allowing drivers to socialize, share, and support each other - on and off the road.

https://www.linkedin.com/company/safemodemobility

https://www.safemode.co

COMPANY PROFILE

Founding year	Team size	Core team location
2017	15	Tel Aviv

Current stage	Key technologies
Full commercial application/system operational in environment	AI, Behavioral Analytics, Behavioral Science, IOT

PRODUCT DETAILS

Product type	Customer focus	Target market
Software	B2B transportation, Automotive, Insurance companies	Global

CURRENT NEEDS

Customers with fleets of trucks, buses, vans, service vehicles as well as partnerships with insurance companies and automotive companies

CONTACT DETAILS OF THE FOUNDER(S)

Ido Levy, CEO

ido@safemode.co

Dymaxion

"Fabricating the Modern Dwelling"

The Authcoin system has been developed out of research and provides multi-factor challenge set identity authentication for self-sovereign application. Current identity systems usually employ one, or two fixed challenges for identity authentication. Instead, for the emerging machine-to-everything (M2X) economy, the authentication needs for humans and machines expand and must be flexibly configurable. Authcoin caters for such flexibility and has emerged from research that manifests in several publications and an award-winning PhD thesis about the M2X economy where Authcoin is an essential part. We are now exploring the options for translating the research findings into applications. For that, we currently work in the framework of NGI explorers on the further development related to realizing challenge sets to next aim for an application-system deployment using smart-contract blockchain technology.

Website to add

COMPANY PROFILE

Founding year
2020

Team size
5

Core team location
Tallinn - Estonia

Current stage
Small scale prototype/technology validated in lab

Key technologies
Smart-contract blockchain technology

PRODUCT DETAILS

Product type
Software

Customer focus
B2B

Target market
IoT, cyber-physical systems

CURRENT NEEDS

Funding, customers, co-creation, expertise

CONTACT DETAILS OF THE FOUNDER(S)

Alex Norta
alex.norta.phd@ieee.org

eyeGauge

"Democratizing digital transformation of existing equipment"

Founded in 2020, Eye-Gauge is a team of professionals with years of hands-on experience in the high-tech industry and deep knowledge in enterprise software design and development, big data, machine learning, and AI.

Assisted by reputable experts with domain-specific knowledge in maritime transportation, facility management, and manufacturing industries, we are committed to delivering high-quality solutions to our customers in the most efficient and accessible way. Together we are driving the new Industrial Revolution!

https://www.linkedin.com/company/eyegauge

https://www.eye-gauge.com

COMPANY PROFILE

Founding year
2020

Team size
4

Core team location
Paris - France

Current stage
Startup (3 paying customers/ solutions deployed on 6 ships and 1 factory,
4 more ships in progress)

Key technologies
Artificial Intelligence on the Edge, IoT

PRODUCT DETAILS

Product type
Hardware, software platform + (optional) service

Customer focus
B2B

Target market
International

CURRENT NEEDS

Funding, customers and joint go to market

CONTACT DETAILS OF THE FOUNDER(S)

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GeoWallet

"Mobility Data management platform - Trust & Privacy"

GeoWallet is a mobility services management platform (data and contracts) allowing to configure and run any
mobility service automatically without infringing on user's privacy.

geowallet

https://www.linkedin.com/showcase/geowallet

https://geowallet.io

COMPANY PROFILE

Founding year	Team size	Core team location
2017	10	Paris

Current stage	Key technologies
First customers - Automatic accounting for entreprise mobility services	Graph-based Blockchain-Confidential Computing

PRODUCT DETAILS

Product type	Customer focus	Target market
SaaS	B2B	Entreprise Mobility, Usage-Based Insurance

CURRENT NEEDS

A series funding - Q2 2022

CONTACT DETAILS OF THE FOUNDER(S)

Nicolas Reffé

nicolas.reffe@blocsetcie.com

Hybrid Core

"Next generation decision technology"

Hybrid Core offers a next-generation decision system and provides strategic advice and foresight to help the customers make smart decisions with high-tech accuracy and full privacy. Hybrid Core assists its clients with planning and decision intelligence in complex, uncertain environments to improve safety, maximise efficiency, mitigate risk & threats, reduce cost, and optimize performance.

HYBRID CORE

https://www.linkedin.com/company/hybrid-core/?viewAsMember=true

https://twitter.com/HybridCore1

https://www.youtube.com/watch?v=R66DY3PAsEE

https://hybridcore.eu

COMPANY PROFILE

Founding year
2020

Team size
10

Core team location
Belgium

Current stage
TRL 7

Key technologies
Big data and AI, Hybrid Intelligence-Powered Decision Technology

PRODUCT DETAILS

Product type
Software

Customer focus
B2B

Target market
Energy & Environment, Defence & Security, Finance & Banking

CURRENT NEEDS

Funding and customers

CONTACT DETAILS OF THE FOUNDER(S)

Hasan Suzen, CEO
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Erdem Kunduraci, CTO
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IDISS

IDISS is the digital transformation enabler against data silos.
Domain experts are able to bridge their data among data silos by providing their shared semantic as a common denominator, untangling complexity, harmonizing quality data.

This shared semantic enables the generation of transformations, documentation and validators while domain experts will only add their minimum data set. Only such automation guarantees high quality, fast deployments, saving the precious time of manual work!

Built upon the latest technologies, IDISS is taking the EU e-invoice norm (EN16931) as an initial example, bridging the XML of OASIS UBL and UN/CEFACT CII.

https://github.com/DAPSI-IDISS/semantic-crosswalk-editor

COMPANY PROFILE

Founding year
2022

Team size
4

Core team location
Berlin, Munich - Germany

Current stage
Early-stage

Key technologies
Graph Transformation

PRODUCT DETAILS

Product type
Software Tool, Service & Consulting

Customer focus
B2B, B2G, G2B

Target market
Standardisation Groups, Memory Institutes

CURRENT NEEDS

Customers

CONTACT DETAILS OF THE FOUNDER(S)

Svante Schubert

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KORUZA

"Light-speed networking"

KORUZA is a custom technology that can be integrated in several solutions for endless applications. It can serve as an alternative to laying fibre-optic cable in urban areas, connect machines in an industrial set-up, offer connectivity in a transport chain (ship-to-shore, container-to-crane etc.), and much more.

Technically, KORUZA is a wireless free-space optical (FSO) communication technology. It is a low-maintenance, interference-free operation, designed for industrial and urban areas, and can be rolled-out with minimal infrastructure investment. Data is securely transmitted over a collimated eye-safe IR laser beam, with 1 Gbps or 10 Gbps transfer speed, at distances up to 150 m.

KORUZA's developer and integrator is company IRNAS.

https://www.linkedin.com/company/koruza/about/

https://twitter.com/KoruzaFSO

http://www.koruza.net

COMPANY PROFILE

Founding year	Team size	Core team location
2014	15	Maribor - Slovenia

Current stage
Custom technology integration

Key technologies
Fiber-like optical communication
FSO communication
Point-to-point wireless data transmission

PRODUCT DETAILS

Product type	Customer focus	Target market
Technology	B2B and B2E	Industry

CURRENT NEEDS

Business partnerships, development partnerships, mentorship

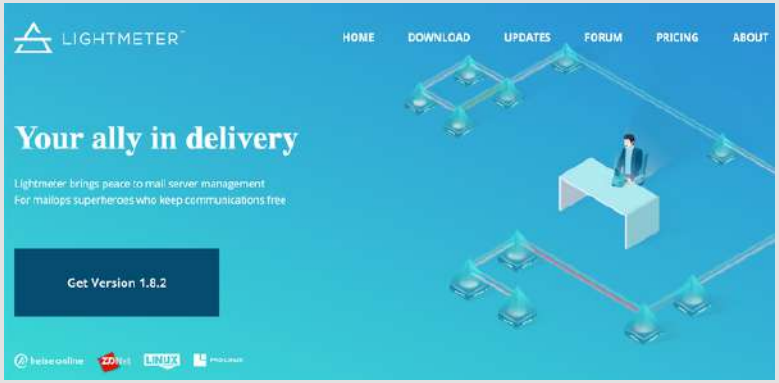
CONTACT DETAILS OF THE FOUNDER(S)

Luka Mustafa, CEO
lluka.mustafa@irnas.eu

Light Meter

"Open Source mailserver automation for firms who self host email"

Lightmeter monitors and automates email infrastructure. It enhances Postfix - the world's most used email server - with proactive prediction and resolution of disruption to email services.



LIGHTMETER

https://www.linkedin.com/company/lightmeter/

https://twitter.com/LightmeterIO

https://www.youtube.com/channel/UCWg9W7sol2udcSihtKoZ6Ag

https://lightmeter.io/author/samtuke/

COMPANY PROFILE

Founding year	Team size	Core team location
2021	5	Berlin - Germany

Current stage
System prototype demonstration in operational environment

Key technologies
Golang, PostgreSQL, Vue.JS, Ragel, Python, SMTP, IMAP, DNSRBL

PRODUCT DETAILS

Product type	Customer focus	Target market
Software	B2B	Companies which self-host email

CURRENT NEEDS

Pilot users (Enterprises and large SMEs), customers (Small SMEs)

CONTACT DETAILS OF THE FOUNDER(S)

Sam Tuke, CEO

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+49 1579 2332312

Magos

"Touching the intangible"

A solution that enables freedom of fingers movement can play an important role in the future; it is an essential aid for virtual simulations and training applications which prepare individuals to work and perform in highly demanding and stressful environments. That would enable a user to interact with buttons in a virtual cockpit using their fingers instead of holding a pair of touch controllers, or a trainee doctor to be trained in performing surgical tasks interacting with the tools-environment using finger details like in the natural world.

MAGOS

https://www.themagos.com

https://www.linkedin.com/company/themagos/

https://twitter.com/magosxr

https://www.youtube.com/channel/UCWg9W7sol2udcSihtKoZ6Ag

https://www.facebook.com/themagos

COMPANY PROFILE

Founding year
2017

Team size
9

Core team location
Greece

Current stage
Demonstration system/prototype operational

Key technologies
HaaS, SW tool

PRODUCT DETAILS

Product type
Hardware, Software

Customer focus
B2B

Target market
Early adopters in Aerospace and Healthcare

CURRENT NEEDS

Partners for pilots

CONTACT DETAILS OF THE FOUNDER(S)

Greg Agriopoulos
gagriopoulos@themagos.com

MeDDEa Solutions Ltd

MeDDEa Solutions, a startup born of the NGI eSSIF-Lab project SSI-Sharing, delivers data solutions for the fast-expanding field of Digital Healthcare. Based on a fully decentralised technology stack, MeDDEa builds the first interoperability infrastructure for healthcare.
We secure data itself, so it moves across platforms. Our Dynamic Data Sharing Hub is the key innovation of our NGI project, where we dealt with patient recruitment in clinical trials. We evolve our initial component into a Data Search Engine that provides a new approach for criteria search on sensitive data.
With authentic remote source data verification (rSDV) the search engine facilitates randomised controlled clinical trials (RCTs). We enable user-centric, platform-less solutions for securely sharing personal information under the self-determined control of the individual. The aim is to achieve data privacy by design across jurisdictions.
The user (data subject) can securely exchange verifiable certificates, such as passes and related personal and health data of any size. Any legitimate verifier, such as a delegated practitioner or public authority officer, can authenticate the information and its provenance and record the consent.

COMPANY PROFILE

Founding year
2021

Team size
12

Core team location
Switzerland, Poland, Austria

Current stage
Prototyping with clients

Key technologies
Trusted Digital Assistant

PRODUCT DETAILS

Product type
Software solution with APIs

Customer focus
B2B

Target market
Pharmaceutical industry and clinical trials providers

CURRENT NEEDS

Long term investors/clients with risk appetite to invest in internet-scale new technology. Subject Matter Experts in clinical trials and UX in healthcare. Seasoned Chief Operating Officer welcomed.

CONTACT DETAILS OF THE FOUNDER(S)

Philippe Page, CEO
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Robert Mitwicki, CTO
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Yazan Manna, CMO
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MoodMe

"Unbiaised AI, privacy respect"

Humanity changed habits permanently with Covid.
Work, education & healthcare are transformed by a massive adoption of video tools.

MoodMe provides actionable engagement insights by analyzing people's emotions, attention & demographics with unbiased edge AI that respects privacy.

https://www.instagram.com/moodmeapp/

https://www.linkedin.com/company/moodme

https://www.youtube.com/user/channelmoodme

https://www.mood-me.com

https://twitter.com/MoodMe_App

https://www.facebook.com/MoodMeApp

COMPANY PROFILE

Founding year
2016

Team size
10+

Core team location
Brussels, Luxemburg, Rome

Current stage
Seed

Key technologies
Edge AI, face recognition, computer vision, AR

PRODUCT DETAILS

Product type
Face analytics, emotion detection

Customer focus
B2B

Target market
International

CURRENT NEEDS

Funding: $1 M
Use of proceeds: Marketing. Product. Pilots (1/3 each)

CONTACT DETAILS OF THE FOUNDER(S)

Chandra De Keyser, CEO
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Alessandro Ligi, CTO
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m-ld

"Live information sharing"

m-ld is a software component for live information sharing among collaborating actors, such as app users or robots. This component reduces software cost and complexity, allowing the faster delivery of apps, information services and control systems.

https://www.linkedin.com/company/m-ld-io/

https://github.com/m-ld

https://www.m-ld.org

COMPANY PROFILE

Founding year
2020

Team size
4

Core team location
United Kingdom

Current stage
Startup

Key technologies
Software

PRODUCT DETAILS

Product type
Software componentry

Customer focus
Targeting the cost and complexity of delivering live information

Target market
Makers of collaboration software

CURRENT NEEDS

Partners, Pilot Project, Fundings

CONTACT DETAILS OF THE FOUNDER(S)

Rob Ellis, COO
info@m-ld.io

Nyxt.atlas.engineer

"The Internet on your terms"

Nyxt is a new type of web browser for power users. It is built from the ground up to be completely customizable. Out of the box Nyxt ships with tens of features that allow you to quickly analyze, navigate, and extract information from the Internet.

We utilize Nyxt's advantage of high programmability and dynamics to make superior web applications.

As an example, we are developing a no-code application for scraping data from the Internet for a B2B customer (named Poseidon). Using Poseidon, non-technical users can extract information from the Internet as part of a business process.

https://www.linkedin.com/company/atlas-software-engineering/about/

https://nyxt.atlas.engineer

COMPANY PROFILE

Founding year
2017

Team size
4

Core team location
Berlin, Paris

Current stage
Early-stage

Key technologies
Web, distributed Web, Lisp, Scraping, Internet Technologies/Ptotocols

PRODUCT DETAILS

Product type
Software, Web Platform

Customer focus
B2B

Target market
Business analysts, financial analysts, researchers

CURRENT NEEDS

Funding, customers, co-creation

CONTACT DETAILS OF THE FOUNDER(S)

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+1 630 303 7333

NGI TETRA

Peergos

"Control your data. Control your destiny"

Peergos is a privacy-focused online space for individuals and companies to store, share and communicate.
It is fully end-to-end encrypted, decentralized, with fine-grained access control, self-hostable and fully open source. Peergos gives users total control over their data. That means: Where it is, Who can see it, Who can't see it.

https://twitter.com/peergos

https://peergos.org/

COMPANY PROFILE

Founding year	Team size	Core team location
2018	5	United Kingdom

Current stage	Key technologies
Go-to-market	IPFS, libP2P, cryptree

PRODUCT DETAILS

Product type	Customer focus	Target market
Software	B2C	Consumers, Developers, Businesses

CURRENT NEEDS

Grant Funding, customers

CONTACT DETAILS OF THE FOUNDER(S)

Ian Preston
ian@peergos.org

PDS Interop

"PDS Interop stands for Personal Data Stores Interoperability"

We are an open-source, grant and sponsorship-driven collaboration, intent on bringing interoperability between personal data stores to the masses.
Our first main mission is to bring Solid to Nextcloud by creating an open-source Nextcloud app that turns a Nextcloud server into a spec-compliant SOLID server.
We are also working on providing test suites for PDS Interop, and documenting conventions used by apps and services that store data interoperably on your PDS.

https://www.linkedin.com/company/pds-interop/

https://pdsinterop.org

COMPANY PROFILE

Founding year	Team size	Core team location
2019	4	Netherlands

Current stage	Key technologies
Early-stage	SOLID, IPFS, Hyper, Frontend first, decentral, web

PRODUCT DETAILS

Product type	Customer focus	Target market
SOLID solution ensuring privacy and control to end-users	B2B	International

CURRENT NEEDS

Companies that work with data/ with access to data/ our aim is to create applications

CONTACT DETAILS OF THE FOUNDER(S)

Sjoerd van Groning
info@pdsinterop.org

Ponder Source

"An earn-to-give company that provides open source building blocks for bookkeeping systems"

We are a high-tech non-profit software consultancy business that helps your company's information systems be connected but sovereign.
The connection with your suppliers and consumers will give you real-time insights about the inputs and outputs of your business.
The fact that all our software is open source, uses open protocols, and doesn't post any information to blockchain ledgers means your business
secrets are safe and you stay free to choose which business connections you create, how much details you share on each of your projects, and with whom.

https://pondersource.com

COMPANY PROFILE

Founding year
2021

Team size
4

Core team location
Utrecht - Netherlands

Current stage
Research

Key technologies
Federated Bookkeeping
Web protocols
Peppol
Linked Data
CRDT

PRODUCT DETAILS

Product type
Software

Customer focus
B2B

Target market
Bookkeeping and ERP software

CURRENT NEEDS

Pilots and launching customers

CONTACT DETAILS OF THE FOUNDER(S)

Michiel de Jong
michiel@pondersource.com

PROSUME

"Are you ready for the next energy revolution?"

PROSUME provides easy and instant access to energy services for prosumers, enabling the creation of Energy Communities. It guarantees an autonomous, independent and digitized smart place allowing users to source energy from local and green generation. Prosume promotes rapid acceleration of new energy community models.

https://www.linkedin.com/company/prosumeenergy/

https://prosume.io

https://twitter.com/ProsumeEnergy

COMPANY PROFILE

Founding year	Team size	Core team location
2017	8	Milan, Rome, Barcelona

Current stage	Key technologies
Startup	Software based on DLT

PRODUCT DETAILS

Product type	Customer focus	Target market
Software tools	B2B, B2C	Europe

CURRENT NEEDS

Funding and partners

CONTACT DETAILS OF THE FOUNDER(S)

Alex D'Elia, CIO

acme@mangrovia.solutions

QuarkXR

"QuarkXR is among the few companies pushing the boundaries of what's possible in virtual spaces"

QuarkXR is a deep tech company building out the Cloud Streaming Platform for XR (XR stands for Augmented and Virtual Reality). We're developing compression and streaming technology as an open platform for XR developers.

XR devices are caught in a triangle of cost, form factor, and image quality. QuarkXR can solve that trilemma by utilizing our streaming technology, 5G, and Edge Computing. We believe there's lot's of innovation yet to come in XR. This is why QuarkXR is an open platform for developers who want to leverage streaming and are working on the XR devices, peripherals, apps, and content of tomorrow. Best use cases for QuarkXR: Remote work & collaboration, Industrial applications, VR Arcades.

QuarkXR

https://www.instagram.com/quarkxr_/

https://www.linkedin.com/company/5370929

https://www.quarkxr.com

https://twitter.com/QuarkXR

https://www.facebook.com/QuarkXR

COMPANY PROFILE

Founding year	Team size	Core team location
2016	7	Sofia - Bulgaria

Current stage	Key technologies
Pre-series A	Cloud Streaming, XR

PRODUCT DETAILS

Product type	Customer focus	Target market
Software for XR Cloud Streaming applications	B2B, B2B2C	International

CURRENT NEEDS

- Customers in the following segments: industrial & manufacturing, architecture, remote work & collaboration, productivity, location-based XR (XR Arcades)
- Raising €3 millions

CONTACT DETAILS OF THE FOUNDER(S)

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Re-Isearch

Project re-Isearch is a novel multimodal search and retrieval engine that indexes the content and structure of all kinds and formats of documents.

Search for words, phrases, relationships, and values. It supports search across its data and metadata using a word or phrase and incorporates Boolean logic, paths, wildcards, case-sensitivity, punctuation sensitivity, diacritic sensitivity, and search term weighting.

Provides numerous object types (numerical, hash, geospatial, etc.) with their own methods of search and allows these to be viewed parallel as text.

Not based on conventional inverted indexing algorithms, its design places no limitations on the frequency of words, term length, number of fields or complexity of structured data and supports even overlap - where fields or structures cross other's boundaries.

COMPANY PROFILE

Founding year
2020

Team size
4

Core team location
Munich - Germany

Current stage
Pre-launch

Key technologies
Multimodal, Semantic search

PRODUCT DETAILS

Product type
Software

Customer focus
B2B, B2G

Target market
Companies, government, publishers, NGOs

CURRENT NEEDS

Funding, Marketing

CONTACT DETAILS OF THE FOUNDER(S)

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Reowolf

"Synchronous Internet communication reducing transit costs and increasing end-to-end security"

During our NGI-supported research, we discovered a technique for potentially speeding up communication links using high-resolution clocks. Under specific conditions more data may be sent on links than is traditionally the case, by means of advanced synchronization and packet delivery scheduling algorithms, thus delaying the need for capital Investment needed for extending bandwidth. This can be very interesting for tier 2/3 network operators who are purchasing IP transit to connect with remote networks. Additionally, the technology can be used to increase end-to-end confidentiality beyond classical encryption techniques, without the need for adapting the underlying transit networks. We are looking into setting up a spin-off company, in which we do more research, patent this technology, and develop it into a market-ready product.

https://reowolf.net

COMPANY PROFILE

Founding year	Team size	Core team location
2021	2	Amsterdam - Netherlands

Current stage	Key technologies
Reserach	Synchronization algorithms, high-resolution atomic clocks

PRODUCT DETAILS

Product type	Customer focus	Target market
Hardware, Software	B2B	Tier 2 and tier 3 ISPs, multi-region cloud service providers, critical infrastructure providers

CURRENT NEEDS

Funding opportunites, seed funding, venture capital

CONTACT DETAILS OF THE FOUNDER(S)

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Rosetta

"We focus our efforts on creating global connectivity"

There is a need for a decision-support and action-support system for more radical innovation in new product development. We propose a novel method for firms' new product development ideas via Artificial Intelligence (AI) and Machine Learning (ML) technologies as the toolbox.
The project emphasizes that a hybrid approach to Idea Management (IM) is superior to sole computational evaluations or human decisions. Machines are better in information processing and providing results, while humans present biases.
Nowadays, many IM systems prioritize organizing ideas, checking them internally against other ideas proposed, and suggesting rankings and evaluations based on corporate criteria.
Innovation-related roles use the systems to influence their decision-making about which ideas go next in the system and which get a "permanent parking". With Rosetta, we would be able to propose decisions and actions by overcoming the limitations of the systems like local searches and data processing constraints.

COMPANY PROFILE

Founding year
2021

Team size
3+

Core team location
Aarhus - Denmark

Current stage
Early-stage

Key technologies
Big Data, Artificial Intelligence, Machine Learning, Software as a Service

PRODUCT DETAILS

Product type
Software Platform
Big data

Customer focus
B2B, B2B2C

Target market
International

CURRENT NEEDS

Co-funders and development, funding

CONTACT DETAILS OF THE FOUNDER(S)

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Rouster

"The only computer you'll ever need"

Rouster is devoted to building the best personal computer on the market and putting it in the hands of everybody. We develop innovative and disrupting technologies while executing scalable and profitable business models. We provide to our users technologically better yet more affordable products than anything else available. We provide to our investors meaningful, good for the planet yet profitable investment. We are a single-founded company with a simple ownership structure and a great team.

Rouster is a new paradigm in the architecture of the personal computer. It moves all fast aging components to the cloud and thus creating the next-generation computer that will never need to be changed again, it is extremely small, more powerful, cheaper, environment friendly, and with no hardware limitations.

https://rouster.eu

https://www.linkedin.com/company/rouster

COMPANY PROFILE

Founding year	Team size	Core team location
2018	3	Sofia - Bulgaria

Current stage	Key technologies
Seed	Cloud, 5G, Ultra-low latency streaming

PRODUCT DETAILS

Product type	Customer focus	Target market
Hardware, Cloud, Software	B2C	International

CURRENT NEEDS

Funding, Co-creation, B2B2C partnership

CONTACT DETAILS OF THE FOUNDER(S)

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Sosteco

"We focus our efforts on creating global connectivity"

Sosteco is dedicated to the research and creation of innovative solutions for IoT and WSN. The platforms and products are designed and projected in Spain, Malaga.

Sosteco's mission is to look for projects, innovative products, and easy solutions for customers. The company offers a new dimension of technology providing the best support and promoting a relationship of trust. Sosteco is a reference in intelligent city projects with a positive impact on people's lifestyles through the promotion of better use of natural resources, energy efficiency and ease of use.

The team is composed of engineers and technicians focused on different areas such as electronics, design, and software. Sosteco designs hardware and software from scratch and is ready to use other manufacturers to achieve the goal of reaching the intelligent city of the future.

https://www.linkedin.com/company/sosteco

https://twitter.com/Sosteco_es

https://sosteco.net

COMPANY PROFILE

Founding year	Team size	Core team location
2015	2	Malaga - Spain

Current stage	Key technologies
Doing business and earning	IoT- WSN

PRODUCT DETAILS

Product type	Customer focus	Target market
Hardware	B2B, B2C	International

CURRENT NEEDS

Funding, partners and customers

CONTACT DETAILS OF THE FOUNDER(S)

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Startin'blox

"Connecting to the world"

Startin'blox is a European leader in the new architectures induced by the standards like Solid, IDS and Gaia-X, Startin'blox helps ecosystems of companies work better together without even having to all use the same tools. We developed an innovative technology, based on Solid and Tim Berners-Lee's vision, the founder of the Web. Our apps are based on ready made modules, easily assembled together to become a fully functional application that our users can then customize as much as they want to fit their business processes.

https://www.linkedin.com/company/startinblox/

https://startinblox.com/en/

COMPANY PROFILE

Founding year	Team size	Core team location
2018	50	Paris - France

Current stage	Key technologies
Full commercial application	In-house technology based on Solid, Web components, IDS

PRODUCT DETAILS

Product type	Customer focus	Target market
Software technology	B2B	Corporate ecosystems

CURRENT NEEDS

Fundings, partners willing to POC

CONTACT DETAILS OF THE FOUNDER(S)

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Vivaet

"We focus our efforts on creating global connectivity"

We seek to create visual identities for virtual agents capable of extracting the maximum empathic response from human users. We employ neuroscience and psychology methods as well as machine-learning and smart sensor electronics to create an empathic human-AI habitat/interface that will have its first application in patient-medical AI interactions. We place ourselves ahead of the curve to have an empathic AI identity at the ready for implementation when the first medical AIs (created by other companies) will be implemented in the next 5-10 years.

COMPANY PROFILE

Founding year	Team size	Core team location
2021	8	Suceava - Romania

Current stage	Key technologies
Technology concept formulated	Smart-sensors, machine-learning, AI

PRODUCT DETAILS

Product type	Customer focus	Target market
Software, physical human-AI interface and sense-react habitat	Hospitals	Health

CURRENT NEEDS

Funding, co-creation

CONTACT DETAILS OF THE FOUNDER(S)

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Consortium

NGI

@NGI4EU #TETRA
#Business4NGI

NGI TETRA Partners

CIVITTA

ESN EUROPEAN STARTUP NETWORK

Startup Division

INSTITUT DE LA PROPRIÉTÉ INTELLECTUELLE LUXEMBOURG

Q-PLAN INTERNATIONAL

FVA NEW MEDIA DESIGN

PEDAL CONSULTING

LOBA CUSTOMER EXPERIENCE DESIGN

BIC Bratislava Business & Innovation Centre

Contact TETRA to learn more!

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business.ngi.eu
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