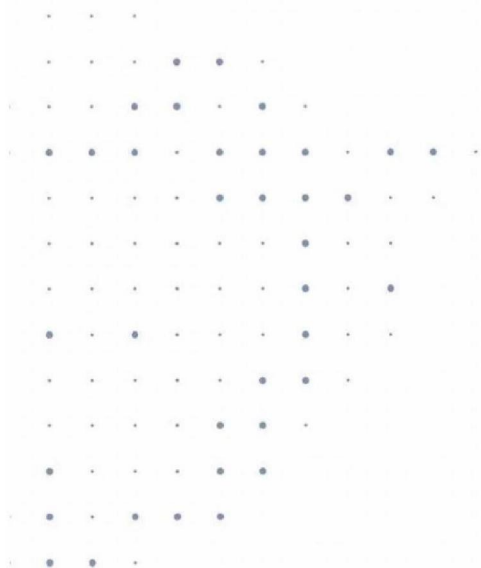


cov-ID

Cooperation Opportunities



cov-ID

is a suite of applications that will serve to securely protect individual human identities and privacy whilst collecting data and sharing it with authorities like research institutes, health-care providers, employers and governments. A critical component of this is the manufacture of Unified Identity libraries built on the IOTA Tangle in accordance with W3C DID recommendations. Please consult the full project documentation for more information.

What can we offer?

Open-Source Development

Identity Library with Guaranteed Lifetime Maintenance

The high level identity libraries being developed for cov-ID are easy to integrate with external solutions through extensive SDK's and openly accessible through API's . These libraries allow the integration of secure digital identities and verifiable credentials into existing solutions and improving services available to the end user. The opportunity to share trusted information about individual health status will benefit the fight against the virus as well as the economy and individual enterprises. In context of the cov-ID project and ID plugin, users will be able to carry and manage their own trusted health data to be presented to authorities and employers as well as being able to voluntarily share the data to further research on the topic.

To learn more about digital identities, please consult our whitepaper: [The Case for a Unified Identity](#)

Security Audit & Integration Support

Patient data is highly sensitive personal data. The IOTA Foundation will ensure that the integration of DID libraries is secure, GDPR compliant and easy to maintain for all external parties. As the development of the IOTA Unified Identity protocols proceeds, additional features can be made available in the future. This will complement the development of external products and applications without additional fees or development cost. The open source code of such sensitive parts ensures public feedback heightening the security of the systems using our tools.

Broadening Scope with our Enterprise Ecosystem

The IOTA Foundation brings together diverse actors from the public, private and academic sector to jointly tackle societal problems. This allows us to connect partners with complementary skills, create synergies and make sure the solutions we collaboratively build are available to as many people and organizations available. Concretely, this involves integrating data from telco providers globally, providing scientifically proven analytics tools and hosting data in certified, secure manner. The modular and interoperable approach of our solution implies that it can be rolled out to solutions that meet governmental needs and regulation in different jurisdictions and jointly opening new markets.

Joint Outreach and Publicity

The IOTA Foundation is a bottom-up initiative that was born out of an ecosystem of passionate innovators and a community of several thousand developers. Our work is supported and followed by a broad online audience across the globe. Collaborating on building open-source solutions will bring attention and engagement to our partners, help to anchor them as supporters of technology for social good and position them as early movers in a dynamic and growing market.

How will we use financial support?

This project's finances will be controlled by the IOTA foundation. With the funding, we will build a platform as an open-source tool and support a consortium of partners that collaborate on building the solution. The IOTA Foundation is bound by its status as a non-profit foundation regulated under German law to make our technology available as open source code. All costs of the IOTA Foundation as presented in the budget are calculated on a cost-recovering basis with a contingency for unexpected challenges to ensure the long-term financial sustainability of the IOTA Foundation. Donations within the EU can be tax deductible under some circumstances.

For a detailed overview of timelines, budgets and cost allocation, please refer to the budget attached to this communication.

How can you fund us?

- Dedicated development of digital ID libraries and SDK

This package includes the development of a dedicated digital ID SDK and libraries to be integrated with the ICME's CRIC and Care Span products. This will comprise API's to link both solutions to an IOTA-enabled backend to improve and expand the scope of both solutions. The SDK will be available open-source and can be integrated into any future solutions to be developed by ICME.

- Strategic Cooperation Partner

Strategic cooperation partners will collaborate with us and financially support the development of the full cov-ID project, including the development and integration of distinct user interfaces for authorities and individuals, as well as analytical tools developed by academic partners and making trusted, data from multi-modal data gathering techniques available to researchers and public institutions on a voluntary basis. Strategic cooperation partners will have privileged access to all code and can help in shaping the project to meet their most pressing challenges as a response to the crisis.

- Ecosystem & Knowledge Partner

Ecosystem and knowledge partners support the project on a goodwill basis. This includes the in-kind donation of expertise and time to develop and further the project, create public awareness and link it with other relevant efforts in the open-source community.

Project Timeline

STAGES	DURATION	DETAILS
Stage 0 - Acquisition	1 -2 weeks	Partner onboarding & contractual detailing
Stage 1 - Preparation	1 week	Project management and team building
Stage 2 - Development	4 weeks	6 Development Teams
Stage 3 - Quality Assurance	2 weeks	Including Audit and Translations