

German SME is looking for distributors and cooperation partners for an open-source cybersecurity protocol ensuring secure and sovereign data integration

Summary

Profile type

Technology offer

Company's country

Germany

POD reference

TODE20251006004

Profile status

PUBLISHED

Type of partnership

**Commercial agreement with
technical assistance****Research and development
cooperation agreement**

Targeted countries

• World

Contact Person

Enrico FRANZIN

Term of validity

6 Oct 2025**6 Oct 2026**

Last update

6 Oct 2025

General Information

Short summary

A German SME offers an innovative open-source cybersecurity mesh based on a new internet protocol (np://) that minimizes attack surfaces and integrates security and privacy by design. The solution enables secure and compliant data integration across sectors such as healthcare, robotics, and critical infrastructures. The company is seeking international technical cooperation, including distribution partners from the application fields mentioned before .

Full description

The company developed an open-source cybersecurity mesh based on a newly developed internet protocol (np://) that incorporates security and privacy by design. Each connection functions as a VPN , ensuring data ownership and sovereignty while integrating modern security paradigms such as Zero Trust, Self-Sovereign Identity, and attribute-based access control.

The solution, which has been cryptographically verified and supported through multiple EU fundings, helps organizations comply with regulatory, organizational, and compliance requirements. As an open-source project, it enables partners and customers to flexibly integrate the protocol into their own products, services, or platforms.

The company is looking for cooperation with distributors and reasearch partners to support the adoption and

dissemination of the open-source protocol across Europe.

Advantages and innovations

- New internet protocol (np://) with “Privacy & Security by Design”
- Minimization of attack surfaces via integrated micro-gateway approach
- Built-in Zero Trust, Self-Sovereign Identity, and attribute-based access control
- Cryptographically verified and funded multiple times by the EU
- Open-source availability – flexible integration into applications
- Significant reduction of cybersecurity costs and risks
- Open-source development with trademark protection

Technical specification or expertise sought

Stage of development

Already on the market

IPR Status

Secret know-how

IPR Notes

Sustainable Development goals

• **Goal 9: Industry, Innovation and Infrastructure**

Partner Sought

Expected role of the partner

Cybersecurity providers, software and system integrators and developers, healthcare and robotics solution developers, critical infrastructure operators, and international distributors.

Distribution agreement: act as a distributor to promote and scale; Adopt and implement the protocol in various sectors and use cases, extend the solution with requirements from field validations,

Research co-operation: develop complementary software stacks, collaborate on joint projects and training

Type of partnership

Type and size of the partner

Commercial agreement with technical assistance

Research and development cooperation agreement

- Other
- University
- R&D Institution
- SME <=10
- SME 11-49
- Big company
- SME 50 - 249

Dissemination

Technology keywords

- **01004016 - Analysis Risk Management**
- **01006013 - Communications Protocols, Interoperability**
- **01006005 - Network Technology, Network Security**
- **01006003 - Mobile Communications**

Targeted countries

- **World**

Market keywords

- **02007001 - Systems software**
- **02007003 - Operating systems and utilities**
- **02007006 - Other system software**
- **02006004 - Data processing, analysis and input services**
- **02007005 - Communications/networking**

Sector groups involved

- **Digital**