Snowpack

SNOWPACK – BECOME INVISIBLE

*THE FIRST INVISIBILITY NETWORK PROVIDING
NO-TRUSTED-THIRD-PARTY SECURITY & ANONYMITY*
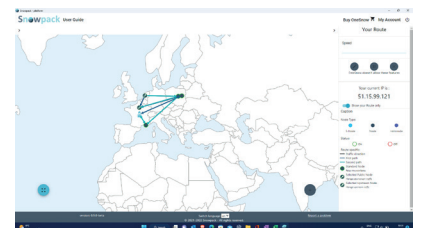
? WHAT IS SNOWPACK?

Snowpack is a spin-off from CEA, French largest applied research center. Based on +5 years of network privacy and security R&D, Snowpack is building and operating the first invisibility network overlay: the Snowpack Network Overlay (SNO). SNO provides a beyond-trust-by-design service to anonymize and secure data exchanges on the Internet. Thanks to our patented technology, SNO offers total invisibility to users, their communications and devices. As a result, even if there is a vulnerability in the security chain of trust, no one can exploit it to hack into one users' communications. Users therefore become independent from the overall underlaying infrastructure (i.e. software, hardware, cryptographic layers and of course Snowpack).

Thanks to support from the French government, our service is being integrated into the upcoming national cyberthreat intelligence service and a sovereign DNS. We are also supported by BPIfrance, EIT Digital and Hexatrust, the French association of cybersecurity editors.

SNO beta network is deployed across 4 European countries and 3 cloud providers.

DEMO @CES 2023

The demo gives an explanation of SNO main properties and inner working through a short clip. Participants will also be able to choose a foreign country and see how the Internet come to see them through a basic trick on Google. Lastly, a QR will allow to do the test on their own smartphone.

! WHAT'S NEW?

SNO bundles 4 very disruptive properties into one overlay network: no trusted-third-party anonymization, quality of service (i.e. measure and control of the computing power necessary to hack into one communication), impossibility for man-in-the-middle attacks and hiding of attack surface.

SCIENCE FOR A BETTER FUTURE

SNO secures Internet users against a compromission of their applications, their cloud and cybersecurity providers and against high-end hackers and mass cybersurveillance. Moreover SNO offers effective tools easing the operations of ethical pentesters, red teams and Law enforcement agencies.

The Snowpack Network Overlay (SNO) makes you invisible (even to us)

3 patents
cea
2017 2019 2021

No specific HW & SW requirements

Alice

SNO

Bob

Internet

Snowflakes move through SNO, Snowpack Network Overlay

No trusted third-party Anonymisation

Quality of Security & Independence

No MITM
Hide attack surface

Far more secure, ethical and faster than Tor
Much more secure and private than VPNs

APPLICATIONS

Snowpack addresses the cybersecurity market through 5 applications:

- FreeSnow and OneSnow for individual consumers
- RedSnow for pentesters and Red Teams
- DarkSnow for LEA and investigators
- Rings and ProSnow for application developers and critical infrastructure operators

KEY FIGURES

- 25 nodes
- 4 EU countries
- 4 cloud operators

>> WHAT'S NEXT?

Snowpack is currently further developing and maturing its core technologies. Snowpack will soon launch its FreeSnow and OneSnow products to all individual consumers while deploying SNO in new countries across Europe and then Asia and America. The traffic of individuals will directly contribute to an increase of quality of security for corporate and government users. Snowpack is also developing new partnerships with software and cybersecurity editors in order to strengthen the security of their offers.

INTERESTED IN THIS TECHNOLOGY?

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Snowpack

La FRENCH TECH

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