The New Internet Identity Initiative
HTTPSi Identity Protocol

Adding a secure identity layer to the Internet
The lack of credible source identity is a central problem of the Internet today

> "The Internet is broken... Its packets are encoded with the address of their destination but not of their authentic origin.
>
> — Walter Isaacson

1991
HTTP Protocol Invented

Displayed webpages & created the foundation of web communication structure still used today

1994
HTTPS Protocol Introduced

Protected connections & data packets against interception via encryption

THE FUNDAMENTAL CHALLENGE

The Internet was originally designed around anonymity. Data packets weren't encoded with their authentic origin & provided no way to do so

Although HTTPS protects data that's in transit, it does nothing to ensure the sender's authenticity

Due to the lack of source identity, countless companies & developers must continually re-invent the wheel with a myriad of bandaid fixes

HACKS
Consequences of Identity Problems

The world has been losing its war on hackers & cannot afford to continue in the same direction

> "2017 Was The Year of Hacks.
>
> — Huffington Post

2018

The HTTPSi Initiative—led by Averon

HTTPSi is a new protocol providing a highly secure and optional "From:" address for Internet data packets, which safeguards all connected devices from mobile to IoT, as well as industrial machine-to-machine communications.

Averon is proud to lead the way in defining this new HTTPSi identity protocol, which is now advancing toward approval by multiple protocol committees.

Adding IDENTITY to the foundation of a new, secured Internet protocol

averon
Be Authentic™

HTTPSi streamlines industry-wide efforts
so every user & organization can benefit
from the new gold standard of Internet security

TO: _____
FROM: _____
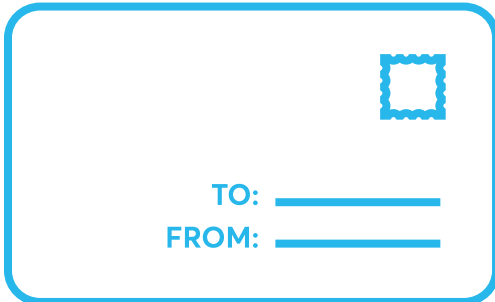
An optional secure "From:" address
HTTPSi is a new Internet protocol that gives Internet data packets an optional & highly secure "From:" address, safe-guarding our connected world on all devices from IoT and mobile, to industrial machine-to-machine communications.

Today we can create the future of the Internet as it should be—truly secure & accessible for everyone

We're proud to announce Averon is leading the way to define the new HTTPSi identity protocol, which is advancing toward approval by multiple protocol committees.

We invite you to join us, and welcome your feedback & collaboration as we create a more secure Internet together.

Get involved:
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