DATA SHEET

Device Identity

Trusted device enrollment with hardware based validation

Device Identity ensures that only company-owned devices can access your enterprise's most sensitive resources, including Wi-Fi networks, VPNs, financial dashboards, intellectual property, and databases with GDPR-scoped PII.

The New Standard in Security

Smallstep worked with Google at the IETF to develop the new standard for high-assurance device identity, ACME Device Attestation (ACME DA). By leveraging hardware co-processors for attestation and keybinding, ACME DA provides the strongest possible guarantee of authentic device identity, preventing credential exfiltration, phishing, and impersonation attacks.

Apple now supports ACME DA natively on all operating systems, underscoring industry commitment to this technology. Smallstep also supports ACME DA on Windows and Linux, ensuring consistent and secure platform access.

High Assurance Device Identity

The strongest possible guarantee that access requests come from specific, verified hardware.

Comprehensive Protection

Secure your sensitive resources, including Wi-Fi, VPN, ZTNA, public SaaS apps, internal web apps, and cloud APIs.

Integrated Ecosystem

Work seamlessly with major identity providers and MDM solutions like Jamf, Intune, and Workspace ONE, enhancing security and streamlining management.

Key features

Trustworthy Device Inventory
Keep a verified list of company-owned devices.

Hardware-bound Credentials
Issue credentials tied to the device's hardware, enhancing security and compliance.

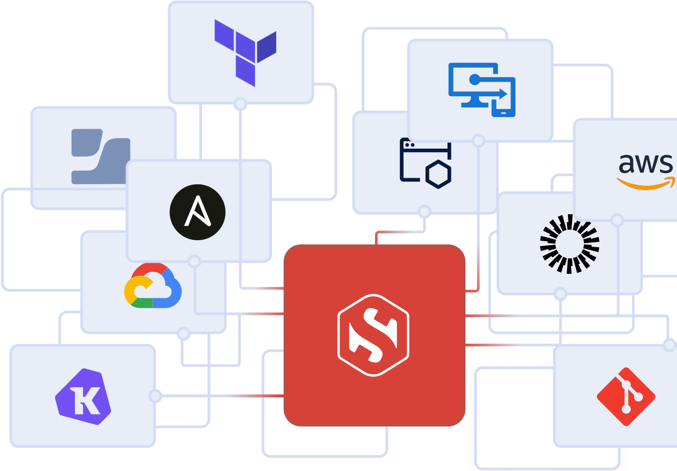
Sensitive Resource Protection
Ensure that only authorized devices can access critical enterprise resources.

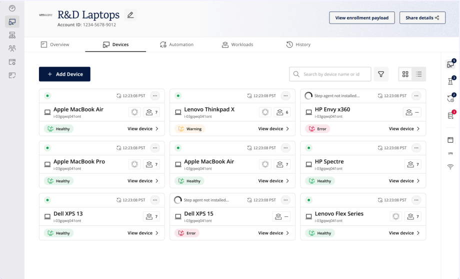
Smallstep can protect a wide range of resources, including:

- Wi-Fi and VPN networks
- Zero Trust Network Access (ZTNA)
- Public SaaS applications (Stripe, NetSuite, Slack, etc.)
- Internal web apps and cloud services (Google Workspace, Microsoft Office365)
- Cloud APIs (AWS, GCP, Azure)
- Git repositories and cloud storage solutions

Integrates with your ecosystem

The Smallstep platform works with and extends your existing enterprise ecosystem. We integrate with all major mobile device management (MDM), identity provider (IdP), and device posture platforms to provide a seamless and secure user experience. These integrations augment and harden user identity and extend the reach of device posture systems by automatically revoking device credentials when a device is removed from inventory or if posture checks fail.





R&D Laptops

Account ID: 1234-5678-9012

12:23:08 PST — Apple MacBook Air — i-03gqwq041ont — 7 — Healthy — View device

12:23:08 PST — Lenovo Thinkpad X — i-03gqwq041ont — 6 — Warning — View device

Step agent not installed... 12:23:08 PST — HP Envy x360 — i-03gqwq041ont — – — Error — View device

12:23:08 PST — Apple MacBook Pro — i-03gqwq041ont — 7 — Healthy — View device

12:23:08 PST — Apple MacBook Air — i-03gqwq041ont — 7 — Healthy — View device

12:23:08 PST — HP Spectre — i-03gqwq041ont — 7 — Healthy — View device

12:23:08 PST — Dell XPS 13 — i-03gqwq041ont — 7 — Healthy — View device

Step agent not installed... 12:23:08 PST — Dell XPS 15 — i-03gqwq041ont — – — Error — View device

12:23:08 PST — Lenovo Flex Series — i-03gqwq041ont — 7 — Healthy — View device

- View device inventory
- Monitor security posture
- Integrate with existing services

Take your next step towards Zero Trust

Does your organization need to replace outdated systems, expand your PKI to meet new security needs or support new sites and services for remote workers? The Smallstep platform can help. To get a consultation with a PKI expert visit **smallstep.com/webforms/contact-us**

Smallstep is the market leader in end-to-end encryption across infrastructure. The comprehensive platform detects and mitigates anomalies, equipping developers with a toolkit that continuously monitors everything, everywhere. Smallstep removes the gap traditional secrets create, using certificates to enable trusted communications between technology and people. Learn more about operationalizing end-to-end encryption for all your devices, workloads, and people at smallstep.com.