

# Profile of A Trusted Partner

Customers should insist on explicit trust. Only by being trustworthy, transparent, and accountable can a vendor earn the right to be considered a **TRUSTED PARTNER**. A trusted partner weaves security into the very fabric of their business – securing their data, processes, products, services, and employees to deliver true pervasive security.



## Trustworthy



Manage, secure and protect customers data



Follow a Secure Development Lifecycle (SDL)



Meet global certification standards



Secure the supply chain



Work with third parties and open source communities to improve security



Require ongoing employee security education



## Transparent



Provide equal and simultaneous access to security vulnerability information



Clearly map the flows and explain the usage of customer data



Publish all government requests for customer data



Deliver timely and actionable breach notifications



Enable customers to verify code and development artifacts in a dedicated, secure environment



## Accountable



24/7 security incident response team



Ethical and predictable response to security incidents



Quick detection and remediation of product vulnerabilities



Admit when mistakes are made and work to make things right



Timely, actionable and simultaneous notification of bug fixes and security patches

Are you working with a trusted partner?

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# What is Trust?

Building Trustworthy Products. A **trustworthy product** is one that does what it is expected to do in a verifiable way, and nothing more.

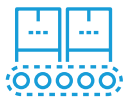


## Mandatory Secure Development Lifecycle



Security should be considered from the product design phase, not as an afterthought. A repeatable, measurable combination of tools, processes, and awareness training should be introduced in all development lifecycle phases and mandated to ensure defense-in-depth, provide a holistic approach to product resiliency, and establish a culture of security awareness.

## Secures the Supply Chain



Vendors who produce trusted products implement a program that continually assesses, monitors, and improves the security of the supply chain throughout the entire product lifecycle.

## Experience-Based Security Innovation



The engineering roadmap of trustworthy products is informed by the expertise the vendor has gained from defending their global enterprise. Product security standards are continually reviewed in order to address constantly evolving cyber threats.

## 3rd Party Validation



Products that are trustworthy meet rigorous global certifications and standards requirements. Trust, but verify.

## Proactive Penetration Testing



Products should be subjected to rigorous, proactive probing by a dedicated internal 'red team'.

## Platform Integrity



### Hardware-anchored secure boot

At boot-up, a trustworthy product performs an automated check of software integrity that is anchored in hardware, ensuring that only genuine, unmodified, signed software boots on that platform.



### Secure key storage

Trustworthy products provide secure key storage that is anchored in hardware, allowing customers to store sensitive data encrypted in non-volatile memory. This includes data-at-rest protection for customer-sensitive data and private key protection for identity.



### Next Generation Encryption

A trustworthy product uses upgraded algorithms, key sizes, protocols, and certifiable entropy to meet customer security requirements. Products should offer an algorithm suite that provides a high level of security and can scale to meet high throughput and large numbers of connections.

## Transparent and Proactive Vulnerability Management



Trustworthy products are continually monitored by a dedicated, global team that manages the receipt, investigation, and public reporting of information about product security vulnerabilities. This team should provide equal and simultaneous access to security vulnerability information. To remediate these vulnerabilities, patches should be made available in a timely manner.

Is your business built on trustworthy products?

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