

OPPORTUNITIES

- Strategic Partnerships
- Licensing

SELECTED PARTNERS

- SICPA
- Verizon
- Ericsson
- Lockheed Martin
- Maersk
- NHS
- Procter & Gamble
- Governments (US, UK, China, Estonia, Netherlands, Thailand, and many others)

Founded: 2007
Employees: 110

Want to know more?

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Guardtime AS is a systems engineering company, engaged in R&D in hash-based cryptography and distributed ledger technologies. It focuses on building core technology and value-added solutions that provide real-time situational awareness into the integrity state of electronic systems and data. Guardtime is one of the world's leading blockchain technology companies, with its core technology KSI Blockchain in production since 2012.

The KSI blockchain stack enables its customers to determine and be able to forensically prove whether any part of their systems or stored electronic data and logs has been changed, either by insiders, external actors, or technical malfunction. It provides a mathematically tamper-evident audit trail and evidence for post-incident investigations, establishing who, what and when with forensic precision.

Guardtime's international R&D division — with its hub in Estonia — features over 40 cryptographers, researchers, engineers, scientists and analysts, with qualifications in both foundational and applied research. Guardtime is devoted to building breakthrough technologies and applications in cryptography and computer sciences.

With over 40 patents granted since 2007 and more pending, Guardtime has a proven track record in transforming foundational research into practical solutions, covering a number of research areas with practical use-cases for the government, military, healthcare, life sciences, finance, and supply chain, to name but a few.

VALUE PROPOSITION

Our core value proposition is cryptographic process integrity.

The KSI blockchain stack enables its customers to determine and be able to forensically prove whether any part of their systems or stored electronic data and logs has been changed, either by insiders, external actors, or technical malfunction. It provides a mathematically tamper-evident audit trail and evidence for post-incident investigations, establishing who, what and when with forensic precision.

The only blockchain technology platform that is proven to work at scale, used in production by the US military and some of the largest companies in the world to solve data management challenges.

OUR VISION

We see a world where electronic data is more reliable than physical; where corrupt insiders, hackers or cybercriminals can no longer manipulate data; where governments and enterprise provide complete transparency to their stakeholders and where all the events on the world's networked computers are linked together and are independently verifiable by any human being.

If Google organizes the world's information and makes it universally available, then Guardtime validates that information and makes it universally reliable.

KEY APPLICATION AREAS

Guardtime's expertise is in building an enterprise product. We work with partners, leveraging our technology stack to build new products and services which we then take to market. All our businesses are based on the same underlying technology platform, enabling us to go from idea to production in a matter of months.

OUR BUSINESS PORTFOLIO

Guardtime has solutions for the Defence Sector, e-Governance, Cloud Security, Audit and Compliance, Insurance, Healthcare, Supply Chain Management (SCM), the Energy Sector, Telecoms and the Space Industry. Guardtime is also building Advanced Hardware Solutions (AHS) and providing Cyber Range Exercises.