Cog™

Corporate Profile

Quick Facts

Year Founded: 2014

Office Locations:
Sydney, Australia
Chicago, USA

Number of Employees: 30+

Venture Funding Sources:
- Rampersand Ventures
- Grok Ventures
- The Kin Group

Innovation and Recognition:
- Authored, developed and deployed L4 Microkernel, currently embedded in tens of billions of devices globally.
- Authored, developed, and deployed OLKL4 & SEL4 hypervisors now deployed in multiple government and enterprise use cases globally.
- U.S. Commercial Solutions for Classified certification
- SINET 2017 award finalist
- Selected by US DOD for strategic deployments in support of key missions.

Contact Us

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Our Solution

We secure IoT™.

Cog has been preparing for the revolution in connected device architecture since 2014. The traditional architecture of IoT and other connected devices has created innumerable opportunities for bad actors to compromise the device, thereby forcing security policy to accept higher risk and restricted access, which in turn poses a burden on users. We have adopted an embedded solution built on modularity, proactive security, trustworthiness, and adaptability to enable highly secure connected devices.

Our Approach

Cog leverages modularity to isolate critical functions and services on connected devices. This approach pro-actively secures these devices by reducing the attack surface and increases reliability by eliminating single points of failure. Cog focuses on securing the kernel, data, and network as the baseline to our security. Additionally, we can isolate specific applications, operating systems, or services to further achieve a full defense in depth based solution. The system can scale linearly and infinitely, thus reducing bottlenecks and preserving performance. All of this is available for the IoT market with the flexibility to run all applications effectively and securely.

This unique approach provides the assurance of high grade security for the device so our customers can focus on delivering best-in-class IoT applications, performance and usability for their customers.

Our Customers

Cog's solution has been deployed by customers across a variety of industries where securing connected devices is critical to business operations, including world governments, defense organizations and corporate enterprises.

htc   ARM   QUALCOMM

XPERIA Sony   CISCO   GENERAL DYNAMICS

NORTHROP GRUMMAN