

Confidential Computing with Intel® SGX – Enabling New Insights and Possibilities

Intel® Software Guard Extensions is the catalyst for generating exciting new insights leveraging sensitive data.

Imagine the game-changing insights we could derive if we could analyze data confidentially.

We could ...



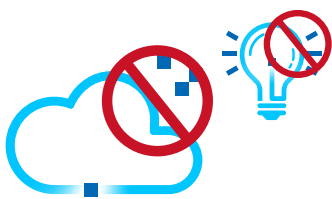
Accelerate medical diagnoses across patients and facilities



Predict and preemptively resolve problems on critical infrastructure



Reduce cryptocurrency transaction times from **10 to 60 minutes** to **3 seconds** with Intel SGX and accelerators

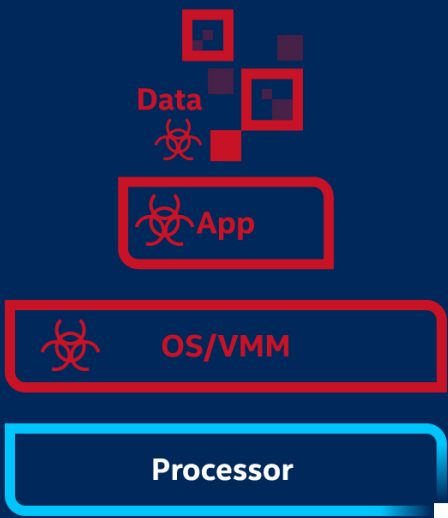


Unfortunately, the risk of exposing confidential data on systems outside of our control is too great—robbing us of insight opportunities.

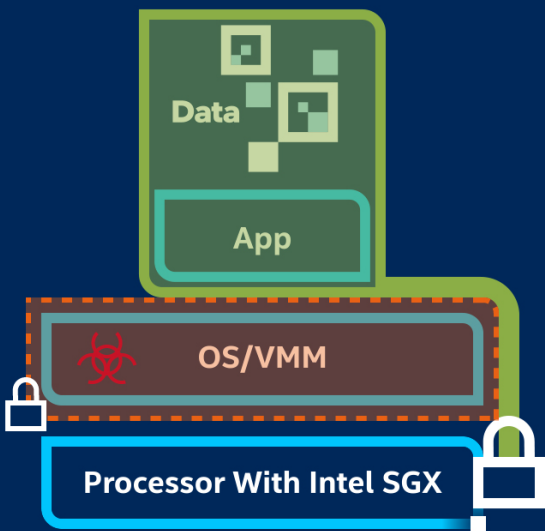
Intel SGX - More insights without the risk

Intel SGX creates processor-enforced, secure enclaves to protect sensitive data and applications, even if the system's software layers are compromised.

Without Intel SGX



With Intel SGX



Intel SGX —The trusted choice for confidential computing



Most researched and deployed hardware-based TEE for the data center



Broad ecosystem support and validation



Intel know-how and commitment to provide continuous hardening

Learn more: [Intel.com/SGX](https://www.intel.com/SGX)



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