



Nationwide

Building Society

Nationwide Building Society Utilizes Privacy Sensitive Data to Improve User Experience

As a data driven financial institution with a focus on machine intelligence, Nationwide recognizes the potential of insights in sensitive and restricted data and has launched multiple workstreams to explore new technologies in this field, one of which is Confidential Computing. A Know Your Customer (KYC) proof of concept built on Intel® Software Guard Extensions (Intel® SGX) was developed that allowed encrypted datasets to be decrypted safely inside of an enclave. Intel® SGX was quick and responsive, while data was fully encrypted to maintain confidentiality of the 'shared' datasets. During testing, it was shown that partners were able to inspect the various functions inside the SGX enclave and confirm access was properly protected – but that the raw data itself remained encrypted and inaccessible to other partners sharing information via the platform.

Products and Solutions

[3rd Gen Intel® Xeon® Scalable processors](#)

[Intel® Xeon® E Processors](#)

[Intel® Software Guard Extensions](#)

Industry

Financial Services

Organization Size

10,001+

Country

United Kingdom

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