



IDEMIA Secure Transactions joins the NCCoE migration to Post-Quantum cryptography project

The consortium is dedicated sharing insights to ease migration from current public-key cryptographic algorithms to standardized PQC algorithms.

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IDEMIA Secure Transactions (IST) is pleased to announce that it has been selected by the NIST National Cybersecurity Center of Excellence (NCCoE)¹ to take part in its migration to Post-Quantum Cryptography Project.² This project is dedicated to bringing awareness to the issues involved in migrating to post-quantum algorithms and to develop practices to ease migration from current public-key algorithms to replacement algorithms.

As a leader of cryptography and security solutions, IST will focus on safeguarding data in transit, optimizing performance of applications involving constrained environments, and preparing critical devices for post-quantum migration. With unparalleled expertise in embedded products and cryptography and deep knowledge of the Payment and Connectivity ecosystems, IST will bring a unique vision to the project.

IDEMIA Secure Transactions is a pioneer in post-quantum technology and was the first company to announce the availability of a quantum-resistant 5G SIM in 2022. Earlier this year, the company announced the availability of its first crypto-agility solution³ that will enable secure service providers—such as banks, Fintechs, mobile network operators, automotive manufacturers and IoT manufacturers—to future-proof the security of their products and to continually adapt to new threats in the post-quantum era.

As a long-time leader in post-quantum cryptography, IDEMIA is committed to providing seamless and secure solutions that safeguard our digital future. We look forward to this opportunity to collaborate with our consortium partners and to respond to the necessary migration to post-quantum cryptography.

Marc Bertin, Chief Technology Officer at IDEMIA Secure Transactions

¹ <https://www.nccoe.nist.gov/>

² <https://www.nccoe.nist.gov/crypto-agility-considerations-migrating-post-quantum-cryptographic-algorithms>

³ <https://www.idemia.com/press-release/idemia-secure-transactions-unveils-groundbreaking-crypto-agility-solution-post-quantum-2024-04-22>