

# Homomorphic Encryption Trends: Market Research Report

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## Abstracts

The report presents an overview of the Homomorphic Encryptions (HE) technology and possibility of employing the technology in Financial Applications, Medical Applications, and Advertising and Pricing. 'Homomorphic Encryptions (HE) enables complex mathematical computations to be executed on encrypted data without jeopardizing the encryption. HE is the translation of data into ciphertext which can be worked with and analyzed as if the data was in its original form.' In addition the report highlights the growing popularity of public networks including the internet, cloud services, emergence of mobility solutions and smart devices giving rise to corresponding security issues.

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