

CORE OBJECTIVE



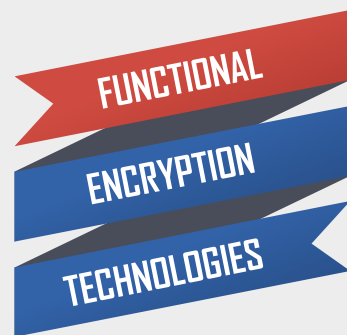
Functional Encryption (FE) has recently been introduced as a new paradigm to overcome all-or-nothing limitations of classical encryption systems

FENTEC's core objective is to develop new Functional Encryption as an **efficient alternative** to the all-or-nothing traditional approach

The project brings together a team of cryptographers, software experts, hardware specialists, Privacy Technologists and IT industry representatives



TEAM



USE CASES



Privacy-preserving and auditable Digital Currency



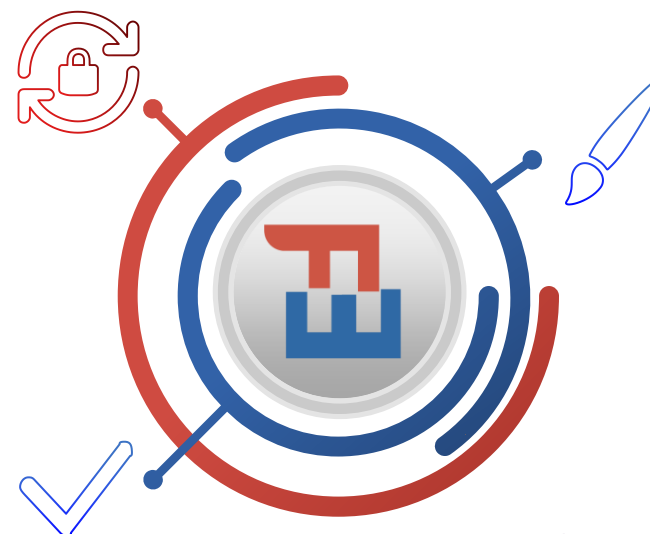
Privacy-preserving IoT distribution



Privacy-preserving Statistical Analysis

PROJECT GOALS

Implement a **unified cryptographic API** for Functional Encryption



Validate and demonstrate FENTEC technologies and solutions

Design of Functional Encryption systems with varying requirements regarding **functionality, efficiency, security, privacy, hardware and software**

