General information

Company name :

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Area of interest	Choose Y or N
o Functional encryption and reduction of leakage (e.g., anonymization or obfuscation)	Yes
o Ultra-lightweight cryptology and ultra-high-speed cryptographic algorithms including quantum cryptography	Yes
o Physical cryptanalysis, including tampering, side channel, faults injection attacks, and security of tools for good software implementation and validation practices	Yes
o Authenticated encrypted token research for mobile payment solution	Yes
o Innovative cryptographic primitives and complementary non-cryptographic privacy-preserving mechanisms to enforce privacy	Yes
o New techniques, such as quantum safe cryptography, which are secure from quantum computers	Yes
o Quantum key distribution	No
o Automated proof techniques for cryptographic protocols	No

Competencies

- *Automatic Speech Transcription, Indexing, Searching*

- *Our VP for Research has participated to many European projects since 1983*

- *Automatic speech recognition*
- *Speaker diarisation*
- *GPGPU computing*
- *Symmetric Searchable Encryption*
- *Homomorphic Encryption*

Intelligent Voice®

Privacy Preserving Speech Processing

- *The client processes audio to get a lattice of symbols which gets encrypted and sent to the cloud server. He is able to search through encrypted data for strings of symbols.*

- *Looking to crypto specialists*