

Booth No. 8.1B42-8

EYL, Inc.



Year Established	2015		Type of Business	Manufacturing	
Website	www.eylpartners.com		Main Export Countries	Saudi Arabia, Indonesia, India, Africa	
SNS	https://www.linkedin.com/company/eylinc/?viewAsMember=true				
Main Customer	Domestic Customers		International Customers		
	KT, AXGATE, AhnLab		AloT, Telkom		
The Person In Charge	Name	Department	Position		
	Yongcheol Jeon	Sale & Planning Dept.	Assistant Manager		
	Phone	Mobile	E-mail		
	+82-2-6933-7190	+82-10-5231-2901	ycjeon@eylpartners.com		

Company Description

Pseudo random number generators are vulnerable to hacking because they tend to have a predictable pattern hackers can exploit. The weak entropy problem is compounded for FinTech & IoT devices with limited access to physical random events such as mouse movement. EYL provides Quantum random number generator that extracts randomness from radioactive isotope put in the very tiny chip(3x3mm) in order to generate powerful encryption keys.

Product

Quantum Shieldz® Cipher™

Function and Usage :

Function:

- Connect to a smartphone via Bluetooth for convenient encrypted voice calls.
- Encrypt/decrypt voice during calls using a powerful encryption key generated from QRNG to prevent hacking by spyware.
- Block the smartphone's microphone during calls to prevent unauthorized recording by the other party.

Use:

- Military or government agencies dealing with sensitive information.
- Organizations or individuals concerned about eavesdropping on voice call information.

Marketing and Selling Points : Quantum Shieldz® Cipher™ is a real time voice encryption device that works with personal smartphone. It uses an encryption key generated by a quantum random number generator (QRNG) to securely encrypt the user's voice, completely blocking eavesdropping or unwanted recording through spyware. Quantum Shieldz® Cipher™ is an accessible yet highly secure communication device that allows users to use their own smartphone.

Quantum Shieldz® Linkers™

Function and Usage :

Function:

- Encrypt/decrypt data for the desired segments to prevent theft by hacking (End-to-End Encryption).
- Easily enhance security performance by connecting to existing devices (Legacy Device).
- Customizable to the user's preferred system environment (wired, wireless, 1:1, N:N, etc.).

Use:

- Security of video and control signals in CCTV or drone systems.
- Data security for various IoT devices requiring protection.

Marketing and Selling Points : Quantum Shieldz® Linkers™ is an End-to-End Encryption device equipped with the core technology of EYL, the QRNG (Quantum Random Number Generator). This technology enables the protection of user system information. It encrypts data transmitted over wired or wireless connections to vulnerable IoT devices such as current CCTV and drones, preventing hacking attempts.

