

■ OPTICON – Intelligent Social Safety using AI-based biosignal and location information

* What is OPTICON?



- OPTICON is a brand that strives to create a safety society based on crime prevention devices and services. We pursue proactive crimes management and crime prevention for correction in prison and probation as a direction for build a safety society for OPTICON.
- Due to the overcrowding of prisons, the need for sophisticated Smart Prison System and Electronic Monitoring System is emerging. Our “OPTICON” system can prevent the recurrence of crime by identifying the offender’s location and behavior patterns, health information using the most advanced Bio-signal, AI, and IoT technology.
- OPTICON secures technological differentiation that other competitors cannot easily access by integrating with Life Science Technology Inc.’s biosignal technology and location monitoring technology.

* Types

- OPTICON is a system that efficiently manages prisoners, probationers and victims by combining biosignal and location information, and is currently developing the system with the Ministry of Justice of the Korea.
 - OPTICON P is the world's first smart prison system that can efficiently manage prisoners by combining biometric signals and indoor location monitoring technology.
 - OPTICON C is a next-generation electronic supervision system that can provide various information by analyzing not only the location information of the probation officer, but also the behavior pattern.
 - OPTICON J is a system that curbs probation for a specified time by combining biometric authentication technology and location information that cannot be used by others.
 - OPTICON V is a system that can actively protect victims by applying the latest IoT technology.



■ Expected financial sheet

		2021(E)	2022(E)	2023(E)	2024(E)	2025(E)	Total
Expected Sales	OPTICON P	5,000	10,690	22,070	44,830	60,350	142,940
	OPTICON J(Quarantine)	3,060	5,282	5,953	9,024	10,026	33,345
	OPTICON C	1,400	3,693	4,526	8,558	9,922	28,099
	OPTICON V	100	164	285	569	638	1,756
Total		9,560	19,829	32,834	62,981	80,936	206,140
Remarks		<ul style="list-style-type: none"> • OPTICON P, Estimated sales are calculated based on the construction of at least 25 sites of S1 and S2 grade prisons with a conservative approach among 54 correctional facilities nationwide in Korea(\$5M / 1 site) • The maintenance rate is calculated as 13.8% of sales. • The cost of sales is expected to be about 50 ~ 60%. 					

• OPTICON : www.opticonkorea.com