



MIRAE-EN Co., Ltd.

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Address	RN D-403, 17 Techno 4-Ro Yuseong-gu Daejeon, Republic of Korea		
major business	Nuclear instrumentation(design, verification, service, data science, IoT technology components), waste disposal/management		

Specializes in nuclear instrumentation(design and construction, verification, service, IoT parts) technology, and its core business is data science(analytics) based on smart factory and digital twin. A company specializing in the treatment, disposal, and data management of nuclear power plant operation and decommissioning radioactive waste. A company specializing in international standardization in the same field(IEC/TC 45/SC 45A and ISO/TC 85/SC 5).

Products

 m-trek® v1.0	<p>Use Radioactive waste tracking system</p> <p>Description A system that tracks and manages a series of processes and data from generation to disposal of radioactive waste generated from various nuclear power plants and other similar facilities</p>
 Wave Through® (Under development)	<p>Use Process Signal Smart Wireless Access Point(S-WAP) for nuclear power plants</p> <p>Description Smart wireless access point to maintain data low-power super-connectivity in extreme environments(temperature, humidity, earthquake, radioactivity, shielding)</p>

Technical Capacity

- » **Safety-related system/component design**
 I&C system, component design based on code and standards
- » **V&V for safety related facility**
 V&V for safety-related system including FMEA, RCA and HAZOP for reasonable assurance
- » **Quality verification of commercial products**
 Commercial product quality verification(CGD: Commercial Grade Dedication) for nuclear safety system
- » **International standardization(IEC, ISO)**
 Nuclear instrumentation(IEC/TC 45/SC 45A) and radioactive waste disposal. Management(ISO/TC 85/SC 5) international standardization