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President and CEO Number of Employees 50 Date of Establishment August 19, 1999 **Nuclear Sales in 2018** (in Million KRW) **Business Field**

Mr. Park, Dae-young 6.355 Manufacturing (MMIS, BOP)

Company Introduction

REALGAIN began by localizing Science & Engineering software at Seoul National University research center of control measurement in the 1990s. Since 1999, REALGAIN has strived to localize systems and equipment in the area of measurement, control, and communication in the power plant using IT-based and control measurement technology.

REALGAIN has contributed to the safe operation of the plant by the R&D of various systems in plant but also maintenance service.

Major Products and Services

Maintenance service

- Control rod & position indication system
- Plant control system and automatic seismic trip system
- Diagnostic system
 - Speed Sensor and Acceleration Sensor Diagnostic System
 - Solenoid Valve(SOV) Diagnostic Equipment
 - Diagnostic equipment for control system
 - Evaluating equipment for aging and integrity
- Localized product
 - Coil current inspection sensor (ACTM SENSOR)
 - Advanced Opto-Isolator Card
 - In-Core Amplifier Module
 - Digital Rod Position Indicator(DRPI) Equipment Improvement
 - NSSS Integrity Monitoring System(NIMS)

Major Business Records, Partners and Markets

- Performed maintenance service of control rod systems over 100 times in all Korean standard type nuclear power plants
- Performed maintenance service of plant control system, atomic seismic trip system in KHNP
- Localized DRPI(Digital Rod Positioning Indication) system in KHNP
- Supplied ACTM sensor to WEC, and diagnostic equipment to NAWAH in UAE

Qualification, Certificates, Patents and Awards

- Registered for spare parts and maintenance provider of KHNP
- · Recognized as an excellent cooperating company by KHNP
- ISO 9001 Certification
- Registered as a gualified maintenance company for 5 thermal power plants
- Patent : "Diagnostic apparatus for Power Converter Module and method thereof" and many others
- Received Minister's Commendation for Merit of Capital Goods Industry





