

November 27, 2024
Meidensha Corporation

Meiden receives President of the Promotion Foundation for Electrical Science and Engineering Award for its VR-based hands-on safety education system

Meidensha Corporation (Meiden) and subsidiary firm Meiden System Solutions Corporation received a President of the Promotion Foundation for Electrical Science and Engineering Award as part of the 2024 Electrical Science and Engineering Promotion Awards. The awards have been presented annually by the foundation for 72 years. Meiden was honored this year in recognition of its initiatives to utilize virtual reality (VR) technology to promote hands-on safety education.



VR-based hands-on education system

■ About Electrical Science and Engineering Promotion Awards

The awards are presented to individuals who have contributed to the advancement of Japan's electrical science and engineering. This fiscal year, 68 people received awards for 26 projects. The awards ceremony was held on November 22.

■ Award recipients and outlines of their achievements

1. Project name

"Promotion of hands-on safety education that utilizes virtual reality, which is effective in enhancing hazard awareness"

2. Award recipients of the Meiden Group

Nobuyuki Hayashi (Occupational Health and Safety Management Division, Production Engineering and Management Group, Meidensha)

Shigeki Yokayama (Sales Division 1, Meiden System Solutions)
Takeshi Nitta (Occupational Health and Safety Management Division,
Production Engineering and Management Group, Meidensha)

3. Outline of the award-winning technology and initiative

The Meiden Group aims to eliminate workplace accidents using digital technology. It has developed VR-based hands-on safety education content for use inside and outside of the Group that allows participants to virtually experience scenarios that lead to workplace accidents, such as falling from heights, falling on the floor, fires, and contact with heavy machinery. In addition to visual effects, Meiden has developed technology that enhances the immersive experience by integrating visual effects with a three-axis motion simulator. This enables participants to experience unstable ground conditions. Meiden provided this education to over 7,000 of its employees and more than 15,000 employees from other companies, helping to increase their sensitivity of hazards in the workplace. These efforts were recognized by the foundation, and led to Meiden receiving the award.

As a company that supports social infrastructure, the Meiden Group remains committed to eliminating workplace accidents by leveraging science and technology in the field of safety education.