

Nomination: 6428

Enerjisa Acceptance Training With VR Glasses

Page: General Information

Provide information about the company to be considered for the award. If you will be nominating an individual, specify the nominee's employer.

Name of Organization/Company

Enerjisa Enerji

Additional Contacts

I do not wish to list additional contacts

Page: Entry Information

Entry Title

Enerjisa Acceptance Training With VR Glasses

Category

F01 - F70 Solutions, Implementations, and Training Programs or Media > F50 - F68 Training Programs or Media > F59 - Problem-Solving Training

Training Programs or Media Submission Format

Written Answers

a. If this is a brand-new product, state the date on which it was released. If this is a new version of an existing product, state the date on which the update was released. Required

The project is launched in 2021

b. Describe the features, functions, and benefits of the nominated program or media (up to 350 words). Required

Enerjisa Enerji is Turkey's leading electricity company operating in two main business lines, i.e. power distribution and retail sales. With a team of over 11,000 employees, Enerjisa reaches around 21.9 million users in 14 provinces across three operational regions.

Continuous Learning Culture and Human Focus in EnerjiSA:

Being aware of the fact that skillful and happy employees are its most important investment in mediating to reach future goals, Enerjisa positioned to invest human capital as one of the strategical priorities of the company.

Enerjisa focuses on the best, the most efficient and collectively adopted Human Resources procedures and practices that touch people with the vision of "being the continuously preferred employer in the industry and within Top 15 in all industries". Enerjisa's purpose is to offer a pleasant and meaningful career journey to its employees through these practices as of the day they are recruited.

Enerjisa launched the "Future of Work" project in order to prepare the company and its employees for the competencies of tomorrow at the end of 2020. In order to prepare for the future of work, it also reviewed its training and development processes, and aimed to gain efficiency with pioneering, innovative technologies in educational designs.

Enerjisa field engineers are responsible for the execution of a process called electric power distribution Grid Facilities "Acceptance" process in electric power distribution companies. In this process, newly established electric power distribution grids are inspected by TEDAS (the country's authority on electricity), and if it is passed successfully, acceptance is granted. In this process, which seriously affects the time and resource investment of distribution companies, if TEDAS is not accepted at the first time, that facility has to wait until the next inspection and this causes undesirable costs.

In this process, the familiarity of Enerjisa field engineers with the acceptance process has a high impact on acceptance rates. For this reason, acceptance trainings has been provided meticulously at Enerjisa, and the engineers were informed about what to do during the acceptance process.

c. Outline the market performance, critical reception, and customer satisfaction with the product or service to date. State monetary or unit sales figures to date, if possible, and how they compare to expectations or past performance. Provide links to laudatory product or service reviews. Include some customer testimonials, if applicable. (up to 350 words). Required

Before the "Acceptance Training with VR Glasses" was designed, acceptance training for engineers was provided on the job by an experienced engineer during a real acceptance process. This meant that engineers who were to learn this process for the first time had to wait for the next acceptance process to complete their training.

Enerjisa set out to revise the acceptance training with up-to-date training technologies in order to speed up this process and enable engineers to have field experience without going to the field.

"Acceptance Training with VR Glasses" offers content created with real images VR glasses. In this way, it includes mastering the problems and solutions they will encounter in the field without going to the field.

Participants process 12 different scenarios in a 2-hour training with VR Glasses in a gamified setup. They process all situations and scenarios that can be experienced in a real acceptance process in scenarios. Through the technical trainer who directs the training, they can ask their questions in the scenarios and have a real field experience.

Training is provided to each participant one-on-one, so that the trainer can have a good grasp of the participant's experience and answer their questions effectively. The image that the participant sees in his eye is also projected onto the training screen, so that the trainer can guide the participant according to his choices in the scenarios. (For the VR experience from the perspective of the participant, check the attached videos)

Acceptance training with VR glasses has been provided to 140 people so far.

Acceptance Training with VR is a very important example of using the most up-to-date IT technologies in education. While a field engineer used to wait a minimum of 3-4 months to master the acceptance process, with the use of VR technology now this time has been reduced to 1-2 days. This provides Enerjisa with a significant efficiency gain. Engineers time-to-ready for acceptance process has gained an efficiency of 85%.

d. Reference any attachments of supporting materials throughout this nomination and how they provide evidence of the claims you have made in this nomination (up to 250 words). Optional

In 2022, it is expected that there will be a 5% improvement in facility acceptance rates in acceptance processes. In addition, it is expected that the acceptance process will prevent inefficiency due to operational blindness or misconceptions in the way the facility is built, according to the criteria written in the legislation.

Earlier, it was not possible for any engineer to learn all the facilities with on-the-job training due to the Network Topology (Example: There are very few or no underground facilities in rural networks.) Since the field experience of all network types and facilities in the acceptance process is simulated with virtual reality glasses using VR, this situation has been avoided.

Apx1-Presentation-Enerjisa Acceptance Training with VR Glasses Details

Apx2- Video- VR Scene in the Eyes of Participants

Apx3- Video-Testimonials (Please turn on cc for English subtitle)

Apx4-Website-Enerjisa Website

Webpage Link

<https://www.enerjisa.com.tr/en/home> (<https://www.enerjisa.com.tr/en/home>)

Would you like to add an additional webpage link?

Yes

Webpage Link 2

<https://youtu.be/vl8hOTnCkto> (<https://youtu.be/vl8hOTnCkto>)

Would you like to add an additional webpage link?

Yes

Webpage Link 3

https://youtu.be/a1Kotw_AMbl (https://youtu.be/a1Kotw_AMbl)

Would you like to add an additional webpage link?

No

Supporting Document

Download File (<https://stevies-sage.secure-platform.com/file/15608/eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJtZWRRpYUlkiJjoxNTYwOCwiYWxsY3dOb3RTaWduZWRVcmwiOiJGYWxzZSIsImInbm9Apx1-Enerjisa%20Acceptance%20Training%20with%20VR%20Glasses%20Details.pdf>)

Would you like to add an additional supporting document?

No

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