

Nomination: 6272

TISK Zero Accident Journey

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

TISK

Additional Contacts

I would also like to have others receive emails about the disposition of our entries.

Page: Entry Information

Entry Title

TISK Zero Accident Journey

Category

B01 - B59 Achievement > B32 - Achievement in Workplace Safety & Compliance

Achievement Submission Format

Written Answers

a. Briefly describe the nominated organization: its history and past performance (up to 200 words). Required

TISK (Confederation of Employers' Unions of Turkey) was established in 1962 with the aim of bringing macro-level solutions to the working areas where member unions are represented. TISK is the only top company authorized to represent Turkish employers in the field of industrial relations at home and abroad. TISK has 21 member employers' unions operating in various sectors of the economy and industry, including the public service. 2 million employees are employed in approximately 10 thousand workplaces registered with member employers.

TISK focuses on worker health and safety in working life since its establishment. It embodies a first in the employer ecosystem with the TISK Microsurgery and Reconstruction Foundation (TISK-MCV), which operates in this field in Turkey.

Approximately 2.5 million people are exposed to work accidents or occupational diseases every year, according to the research conducted by the International Labor Organization (ILO). Turkey ranks 9th among the countries with the highest number of fatal occupational accidents per 100 thousand employees, according to ILOSTAT, the statistical unit of the ILO.

TISK has implemented the "Zero Accident Journey" project in February 2022, in cooperation with intenseye, within the scope of the OHS Technologies Dissemination strategy.

b. Outline the team's or organization's achievements since the beginning of 2020 that you wish to bring to the judges' attention (up to 250 words). Required

Zero Accident Journey Project aims to prevent accidents that cause great material and moral losses with the use of innovative technologies and artificial intelligence.

In the Project, Intenseye's artificial intelligence algorithm was integrated into the cameras of facilities in the TISK ecosystem, and real-time "unsafe action notifications" were used to prevent possible occupational accidents. With integration of the software platform with the existing cameras in the workplaces, without the need for additional hardware, the risks of occupational accidents in the production area can be determined beforehand.

Worker health and occupational accident risks are determined in advance for each business, criteria are defined in the system. Intenseye, an artificial intelligence supported video analysis solution, analyzes 24/7 facility camera images and gives an alarm in case of a possible risk, thus preventing possible work accidents.

The Zero Accident Journey Project, which uses the latest developments in computer vision, allows OHS teams to monitor their facilities 24/7, receive real-time violation notifications and run quick response procedures. On the other hand, intenseye makes analyzes anonymously by connecting to the existing cameras in the facilities and warns the OHS experts in the facility before any event occurs, through the real-time notifications via e-mail and SMS.

In the project, which is a first for Turkey, TISK undertook the cost of the system for 3 years in the first 200 member workplaces. After 200 companies, TISK has signed an agreement with intenseye for following TISK member companies allowing them to set up the system with 33% discount.

c. Explain why the achievements you have highlighted are unique or significant. If possible compare the achievements to the performance of other players in your industry and/or to the team's or organization's past performance (up to 250 words). Required

TISK has set a worldwide example being the first and only initiative in Turkey.

The Project;

- Used the most advanced artificial intelligence and image processing technology
- Real-time detection of unsafe situations and behaviors in the facilities is provided and made it possible to reduce them.
- Analytical data and real-time notifications created
- Within the scope of GDPR(General Data Protection Regulation) compliance, face blur technique was used, giving importance to the privacy of the employees.
- The investments were financially supported by the TISK-MCV foundation on the basis of social responsibility.

325 Million images are processed every second by intenseye's artificial intelligence algorithms.

-Intenseye has installed at 100+ sites of 40+ customers. A total of 30 Million+ hours of analysis have been performed with this system so far. (overall)

-In the project, 500+ cameras have been installed in 25 facilities so far. (in collaboration with TISK-Intenseye)

-With the cooperation of TISK, the project has been analyzed for 2.5 million+ hours so far, and 2.3 million+ alarms have been generated. In other words, considering that an OHS expert analyzes for 4 hours a day on average, 625,000 hours of productivity have been achieved.

-If ConocoPhillips Marine Safety pyramid is used to analyse the effect of alarms generated, If measures are taken to prevent these 2,3 million alarmed risks before they turn into accidents, 2300 injuries, 23,000 near misses and 230 lost work days can be prevented with intenseye.

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

Apx1- Video: Journey to Zero Accident Launch

Apx2- Video: Intenseye Real Time Alarms Demo

Apx3- Video: Public Service Ad

Within the scope of the project, a public service ad was broadcast with Beyazıt Öztürk, one of the country's famous talk show hosts and comedians, in order to raise public awareness.

Apx4- Video: Intenseye Risk Criteria and Alarm Examples

Apx5- Document: Testimonials

Apx6- Document: Customer Case

Apx7- Document: Intenseye One Pager

Apx8- TISK Website

Apx9- Intenseye Website

Webpage Link

<https://youtu.be/3NvrZUEtPvI> (<https://youtu.be/3NvrZUEtPvI>)

Would you like to add an additional webpage link?

Yes

Webpage Link 2

<https://www.youtube.com/watch?v=gZ1h4kgTC28> (<https://www.youtube.com/watch?v=gZ1h4kgTC28>)

Would you like to add an additional webpage link?

Yes

Webpage Link 3

<https://youtu.be/tLahr3U6SiE> (<https://youtu.be/tLahr3U6SiE>)

Would you like to add an additional webpage link?

Yes

Web Page Link 4

<https://www.youtube.com/watch?v=sQYded8UeJk> (<https://www.youtube.com/watch?v=sQYded8UeJk>)

Would you like to add an additional webpage link?

Yes

Web Page Link 5

https://www.tisk.org.tr/index_en.asp (https://www.tisk.org.tr/index_en.asp)

Would you like to add an additional webpage link?

Yes

Web Page Link 6

<https://www.intenseye.com/> (<https://www.intenseye.com/>)

Would you like to add an additional webpage link?

No

Supporting Document

Download File (<https://stevies-sage.secure-platform.com/file/15512/eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJtZWRpYUlkIjoxNTUxMiwieWxsYXN0b3RtaWduZWVcmwiOiJGYWxzZSI6ImInbn9yApx5-TISK-Intenseye%20Testimonials.pdf>)

Would you like to add an additional supporting document?

Yes

Supporting Document 2

Download File (<https://stevies-sage.secure-platform.com/file/15513/eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJtZWRpYUlkIjoxNTUxMywieWxsYXN0b3RtaWduZWVcmwiOiJGYWxzZSI6ImInbn9s5u2negJWbjMHRcU6QB0pQRl4aX4Dz0Pc?Apx6-Customer%20Case%20Study.pdf>)

Would you like to add an additional supporting document?

Yes

Supporting Document 3

Download File (<https://stevies-sage.secure-platform.com/file/15514/eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJtZWRpYUlkIjoxNTUxNCwieWxsYXN0b3RtaWduZWVcmwiOiJGYWxzZSI6ImInbn9Apx7-Intenseye%20Overview%20One%20Pager.pdf>)

Would you like to add an additional supporting document?

No

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