

LLC

## SIRIN

# THE INSTRUCTOR 360 HARDWARE AND SOFTWARE COMPLEX

DOMESTIC DEVELOPMENT OF A SYSTEM FOR MICRO-EDUCATION AND OBJECTIVE ASSESSMENT OF EMPLOYEE COMPETENCIES USING IMMERSIVE OCULOGRAPHY TECHNOLOGY BASED ON 360° PANORAMIC VIDEO, REFLECTING PRODUCTION PROCESSES DIRECTLY AT THE WORKPLACE.

## AREAS OF CONCERN

The Complex provides rapid adaptation of new employees at the workplace, training in the correct and effective performance of work tasks in compliance with professional standards, prevention of production errors, reduction of risks of injury and failures in the technological process, monitors compliance with safety requirements at enterprises and development of employee actions in emergency situations.

## UNIQUENESS

Immersive oculoigraphy technology provides a scientifically based objective assessment of the cognitive load in the learning process and the quality of information assimilation based on the analysis of visual reactions in an immersive environment, which allows for a deep and accurate assessment of skills in specific work situations.

## CURRENT STATUS

A methodology has been developed, a scientific and technical base has been prepared, a functional prototype has been created, testing and pilot implementation is underway at enterprises of the Sirius federal territory.

