SCORE is a valuable complementary tool to IFE 's Training Evaluation and Monitoring System, TEAMS

IFE SCORE,
Operator and crew performance evaluation

IFE SCORE is a software product featuring structured and consistent evaluation of operating crew performance.

SCORE supports instructors and evaluators in preparing schemas and in using these to evaluate operator and crew performance. SCORE can also be used by operators for post-scenario self assessments.

APPLICATIONS

SCORE is applicable for evaluating operator and crew performance in simulator-based studies, training and qualification exams in nuclear, petroleum, power and other industries.

SCORE supports tasks such as

- pre-scenario development of evaluation schemas according to the SCORE method
- performance evaluation by instructors and observers during and after scenarios
- operators' learning from self assessment
- instructors' feedback to operators during post-scenario debriefs
- documenting individual and crew performance

PROJECTS

The SCORE method has been developed, applied, evaluated and gradually improved in IFE's research projects in HAMMLAB and in control room validation projects with nuclear industry customers since 2010. Industry-projects include:

- AREVA's integrated system validation of Oskarshamn 2 control room, 2015
- Duke Energy's Turbine Control System integrated system validation, 2018

The SCORE tool was successfully applied in a research project in HAMMLAB in 2018 studying computerized procedures, workload and multistage validation. The project used SCORE for both observer evaluation and operator self-assessment.
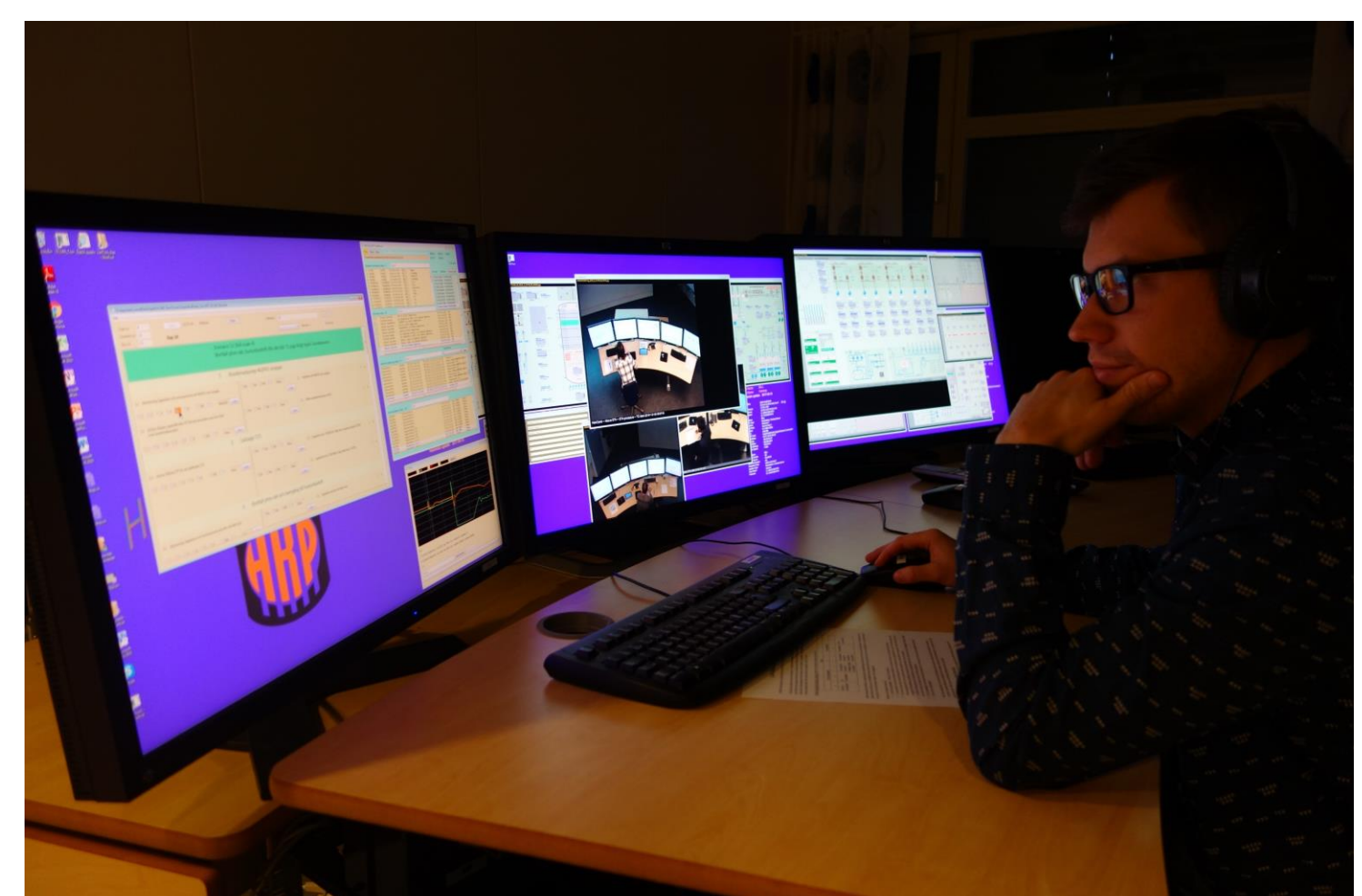
KEY FEATURES

In the preparation phase, SCORE provides methods and support for consistently structuring evaluation schemas into events, observation items and evaluation items. Criteria and notes can be added per item to facilitate consistent evaluation across evaluators.

During evaluation, SCORE supports easy navigation and overview of the evaluation schema and quick and easy recording of achievements and ratings. The observer's evaluations are by default timestamped.

Schemas and results are stored in text format, and SCORE includes features such as

- print reports of schemas and evaluations
- csv-format export for aggregation of results across crews and scenarios, trending of performance over time, and further analysis

Operator using SCORE and TEAMS during self-assessment after completing a simulator session