

Innovative digital solutions



*Your projects are complex or unique ?
We place reliability and safety beyond your expectations...
Cegelec CEM has developed innovative digital solutions.*

More reliability in collaborative design reviews !

Our collaborative Virtual Reality mockup helps operators to decide and act simultaneously on the digital twin.

From a simple immersive visit to a detailed technical analysis, our solution allows:

- the complexity of a project is better known and understood, time decision-making could decrease,
- contributing to the reduction of manufacturing deviations by detecting interference,
- carrying out dimensional and physical validations,
- the validation of the accessibility of an equipment,
- helping the study of ergonomics from commissioning to maintenance.

Complex immersive trainings : gain in efficiency!

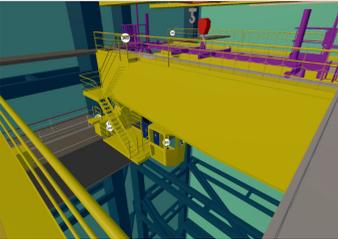
Simulation of any environment, by recreating specific situations with difficulty to repeat, in hostile environment, ...

- Making reliable an assembly or helping a delicate site operation: complex site works could be anticipated and validated by the staff involved (site and/or customer), the interfaces are better understood.
- Safety is integrated upstream of the site. Virtual Reality is used as awareness of the various risks on site.
- Transformation of complex procedures into scripted training.

Other solutions to meet your needs: improve your performance !

We can enrich our approach with specific developments:

- Instant measurement of the ambient dose rates: how to prepare site works in radioactive areas,
- 3D mockup, simulations and animations, calculations, realistic 3D, real time 3D applications,
- 3D scans: data acquisition, integration into real-time applications, augmented reality,
- 3D printing: additive manufacturing of prototypes, demonstrators, models.



Cegelec CEM

Nuclear innovative and expert mechanical integrator

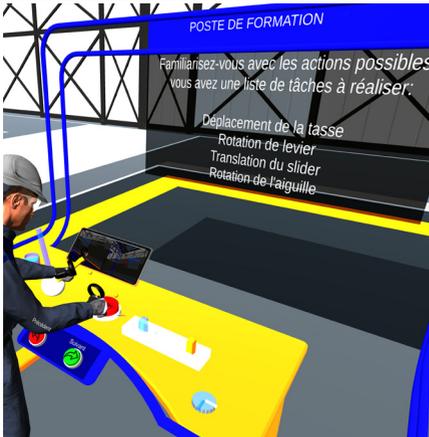
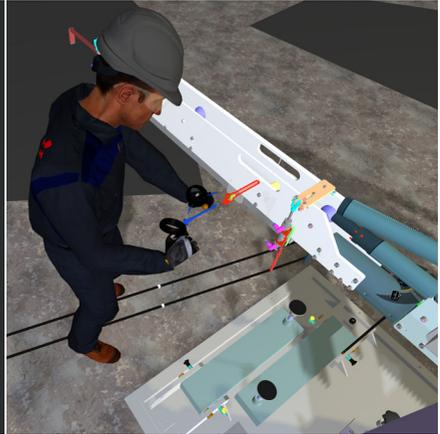
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Innovation at the heart of your projects thanks to our multi-site collaborative **VIRTUAL REALITY**

Digitalization from engineering to on-site operations



- Collaborative full-scale design reviews
- Validation of multi work-site operators
- Capitalization in a digital twin
- Dimensional and physical validation
- Complex scripts and trainings
- Specific developments: ambient dose rates, 3D modeling and simulation, 3D scanning, 3D printing ...