Augmented Operator Challenges



Augmented Operator

Meeting Energy Demands with Nuclear Innovation, Building next-gen nuclear power plants—and extending reactor life are crucial for energy needs and climate goals.

We must optimize every phase; embracing modular construction, advanced maintenance, and digital management.

Challenges from the field include:

Manage Co-Secure Skills & Foreign Material Real –time No Safety incident activity and Competences **Exclusion** communication Interfaces Optimize **Integrate Lessons Resolve Technical** preparation Reduce dose exposure **Reduce Travels** Learned Issues works **Ensure Quality & Enhance Nuclear** Ensure **Ensure Data** Deviation No CFSI Cybersecurity image Integrity Management

Optimize Lead Time & Costs is a <u>MUST</u>

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Augmented Operator Innovations



FME Box
Scan tools with Al
before/after operation





Sitactivity
Data-Driven Site
Management Collaborative
Platform with Al



Holo Help Vision (H2V)
Augmented Reality
Glasses with 3D dose
mapping, 3D information



Protocol Remote Assistance & eXpert Review
Remote Expertise in real-time



Digital Site Work Package:
Work instructions &
Reports and Al Assistant



Fratorque
Connected Smart
torque wrench

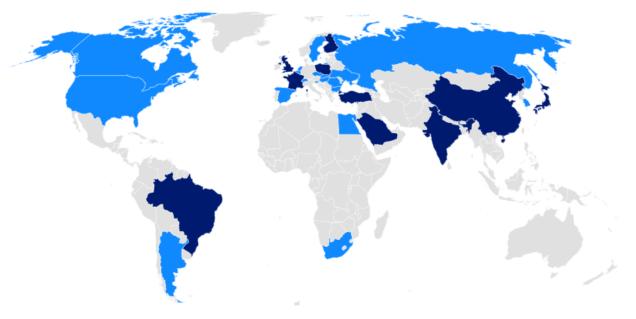
Augmented Operator Benefits & Deployment



Augmented Operate



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The Augmented Operator:
Success in new builds and life extension projects
for a sustainable energy future