



Case study · Government

Two ministry crisis rooms reviewed in 3D before construction

The challenge

Two ministries were preparing new offices in Egypt's new capital, including control and crisis rooms. Interior designers had produced detailed, high quality designs for these spaces. The ministry representatives who had to approve them needed to fully understand what they were approving: the look and feel of each room, the lighting, the automation features and how each control room would be set up. The goal was to agree the rooms while they still existed only as designs.

What we built

For each ministry we designed, built and tested a VR visualisation of the planned spaces: a 3D rendered model of the offices that people can step into and explore.

- Realistic, detailed rendering of each space, so users experience the design's look and feel.
- Free movement between rooms and areas, to understand the design elements and how each space works.
- Key design choices shown in place: lighting, automation features and control room setups.

The model gave interior designers and ministry representatives one shared view of each room. Designers used it to present their concept. Representatives used it to walk the rooms themselves and see how the design would work in practice, instead of reading it from drawings.

What changed

Ministry representatives walked through their new control and crisis rooms in 3D before they were built. They made design decisions with a full picture of each space, including its setup, lighting and automation. Designers and ministry teams worked from the same model, which kept both sides aligned on what would be built.

Planning a control room? Ask to walk it in 3D before construction starts, and review the setup, lighting and automation with the people who will use it.

At a glance

Sector	Government, two ministries
Delivery	3D rendered VR walkthrough
Hardware	VR headset

Planning something similar?

Start a project at genesiscrations.co or email info@genesiscrations.co. WhatsApp +971 55 843 3183. Offices in Abu Dhabi and Cairo.