

GlassTop Simulators



Key Advantages of GlassTop Simulators

Glasstop simulators provide an advanced digital replication of modern control rooms, replacing traditional hard panels with high-fidelity graphical interfaces. They enable operators, engineers, and instructors to interact with plant systems through configurable screens that accurately represent real operating environments.

- **High Fidelity and Realism**
Glasstop simulators reproduce the look, feel, and behaviour of the control room, ensuring realistic operator interaction and accurate system response.
- **Flexible Configuration**
Screen layouts, alarm philosophies, and control logic can be adapted to different operating modes, design evolutions, or training objectives without hardware modifications.
- **Cost-Effective Modernization**
By eliminating physical panels, glasstop solutions reduce hardware costs, simplify maintenance, and facilitate future upgrades.
- **Enhanced Training Capabilities**
Ideal for operator training, refresher courses, provides an extra platform to support the Full Scope Simulator
- **Engineering and Validation Support**
Beyond training, glasstop simulators enable engineering analyses, design verification, HMI validation, HFE Support and testing of control strategies using the same high-fidelity simulation models.

