HMD-Free Setup and Best Practices
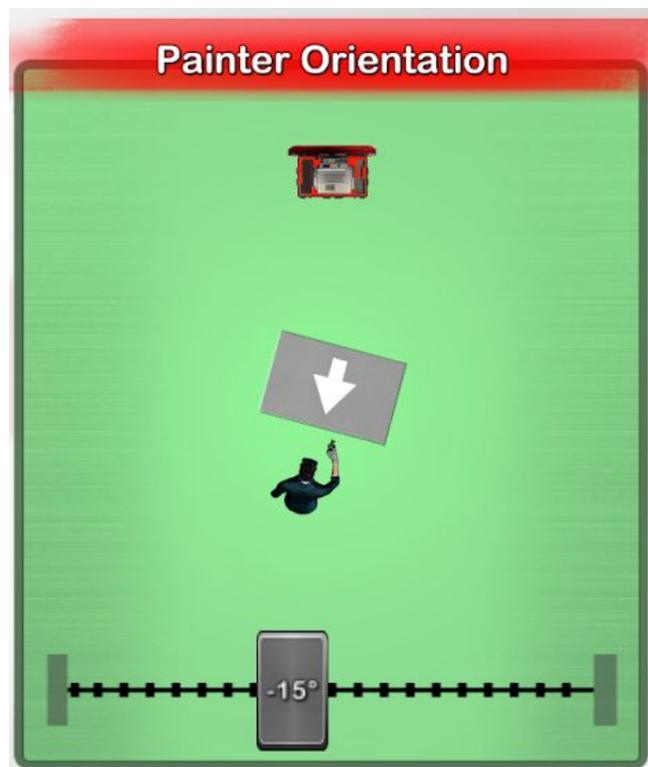
Availability: Software version 3.2.2

SimSpray's new HMD-Free mode is an admin-enabled mode that allows users to train with SimSpray without the use of a VR head-mounted display (HMD).

1. Admins can disable the headset in the **Tracking Options** section of the **Admin Portal**. *(See bottom right option "Disable Headset")*
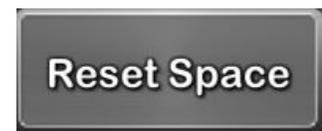

2. While in the **Admin Portal**, adjust the **Painter Orientation**. The painter should face the preferred display (SimSpray's default display, pictured, or a preferred external display).

    Painter Orientation rotates the painter and part, relative to the SimSpray case and cameras.

3. **Apply** the settings. This establishes the default orientation for users and parts in the training environment.

4. If entering the training environment for the first time or with a new setup, perform the **Reset Space** process to reposition the part in front of the preferred display. *(Reset Space can be found under the SimSpray menu. Position the part close to the preferred monitor for optimal results.)*

5. Trainees can rotate the part while painting to access hard-to-reach areas like cut-outs or corners. Some parts may be more difficult than others to paint without an HMD.

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SiM Spray ®

Tips and Best-Practices:

- Connect an external display (e.g. TV, projector, or large monitor) to improve the viewing experience.
- Adjust Painter Orientation so the trainee faces the preferred display.
- Keep the SimSpray's mounted base stations in front of the trainee for optimal motion-tracking.
- Adjust the preferred display height and project part height to best match the trainee's perspective. A significant mismatch between the part height and preferred display height can negatively impact the trainee's perception of the applicator angle.

Example Setup Using SimSpray Go: