

## Executive Summary

### PCD Career Connections Hub

#### Category A

Pennoni's FX (PFX) teamed up with Partnership for Career Development (PCD) to create PCD Career Connections Hub - a custom, interactive web platform that allows students to explore career pathways with immersive, 360° PFX renders and allows for virtual touring of actual facilities with 360° photography.

PFX built a unique, virtual product to serve the needs of the client. Team members designed, rendered, photographed, and programmed the virtual platform, as well as assisted with the creation of interface graphics.

The platform is designed to be modular and expandable, and this initial, early release of PCD Career Connections Hub is focused on manufacturing careers. The platform uses interactive questionnaires to identify students' interests and align them with careers that they may enjoy. Users can learn about various careers with information, images, and videos. Entire classes can virtually tour actual facilities (and prospective employers) to learn about industry processes and machinery, all from the safety of their classroom or computer. Lastly, a sign-out questionnaire allows the application to gauge students' general knowledge, deductive reasoning, "hard skills," and "soft skills," which can be voluntarily submitted along with feedback and contact information for connections with prospective employers. The sign-out questionnaire provides feedback and explanation with each question, ensuring that the platform is a learning experience from start to finish.

The uniqueness of the project, its custom programming, and its visual aesthetic are examples of some of the creative ways that our PFX team can implement projects or ideas in a virtual space.