



# AEC, Special Machinery, Product Design

*holodesk.com*

## Business challenge

*In a variety of sectors, companies are designing 3D models of built-to-spec products earlier and earlier in the design process. However, discussing change requirements, pinpointing exact locations in spatial models, and tracking modifications is inherently difficult and error-prone when working with two dimensional screens, leading to product delays and cost overruns.*

**Who faces this challenge:** Architects, Construction Engineers, Mechanical Engineers, Product Designers, Automotive Engineers

**How many of them are there:** 100,000+

## The solution

HoloDesk is a web portal that allows users to upload and publish 3D content and invite partners to virtual workspaces. Apps for HoloLens and other mobile devices enable users to view, annotate, and manipulate content in shared experiences, both locally and remotely.

## Benefits

- Leveraging the power of existing 3D models
- Streamlining design, review, and change workflows
- Improving communication processes

## Business Value

- 80-100% reduction of T&E
- 40-85% less time to understand change requirements
- Up to 50% earlier market-readiness



## Intelligent edge endpoints supported

- HoloLens, MR Headsets
- Mobile devices (Win/iOS/Android)
- Web

## Relevant links

- [HoloDesk product presentation](#)

## Intelligent cloud services used

- Azure Spatial Anchors (preview)
- Azure Remote Rendering (pending availability)
- Full-fledged web portal based on Azure

## Supporting ISV solutions or SI practices

