



kaapi  
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## CASE STUDY

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# See 3D

Research and Development  
Smartworks application

# OUTLINE

**01**

About KaapiSoft

**02**

Case Overview

**03**

The Problem

**04**

The Approach  
& Workflow

**05**

The Outcomes



## ABOUT US

KaapiSoft is a growing team of specialist software programmers and developers with a strong experience in developing applications and system solutions across a wide range of business sectors and commercial applications.

Our speciality is delivering software solutions to customers who are in need of outsourcing a particular aspect of their IT in a cost-effective manner.

We can deliver Bespoke solutions to your business including developing rich client applications, database management systems, systems integration and e-commerce solutions among many others.

01

WE UNDERSTAND THE SPECIFIC & DELIVER THE PARTICULAR

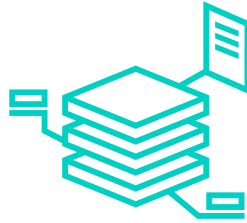


## CASE OVERVIEW

**See 3D is a company that specializes in providing consultancy using digital 3D renderings and modeling for home and commercial interiors.**

They offer a variety of digitally assisted interior design services from simple sketches for mockups to enhanced renderings that bring to life the designs into realistic settings. They also offer training for interior design applications used for digital renderings, as one-to-one, face-to-face or virtual classes.

See3D needed to do some research and development work that entailed getting a functional model for a product they had in mind. The product in question is a suite of plug-ins that work together with their application called 'Smart Works' and which designers can purchase as an add-on individually or as a suite.



## THE PROBLEM

See3D needed a quick prototype in a very short span of time (5 Days) so as to analyze the technical requirements and viability of the product before going into full development. The end goal of the final product was to achieve a fast cycle from design to quotation.

They also needed KaapiSoft's expertise and technical point of view in brainstorming the possibilities, problems and options presented by the project while still at design stage.



## THE APPROACH & WORKFLOW

As a first step, KaapiSoft offered See3D an initial consultation to understand the project idea and the specific outcomes required by the team.

After the client explained the vision behind the product, a brainstorming session was setup between See3D and KaapiSoft to fully understand what the problems are and identify the specifications and features.

KaapiSoft then put together a 20-page document featuring the technical specifications required to complete the task.

A web-based prototype was created within the 5-day timeframe that included 2 Smart Works plugins that were projected to be part of the suite.

- 01** From an R&D perspective the task was successful in that it gave vital information in a short span of time before investing fully in the development.
- 02** It allowed the client to understand the product from an end user perspective and gather enough data regarding any functional or commercial problems before scaling up.
- 03** It allowed the client to see a fully functioning version of part of the product and understand better the overall design and functionality and the impact of the overall final product.
- 04** It provided a cost-effective and risk-mitigation measure by spending a fraction of the cost of the full development