



The Art of Software Development

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**Comprehensive hybrid work  
management platform for  
seamless workspace booking**

## Key Information



### Industry:

Real Estate



### Projects duration:

3 years



### Team Size:

4 specialists



### Technologies:

- Java, Spring Framework (AOP, Security), Spring Boot
- JPA, Hibernate, Ehcache, Flyway
- MySQL, MongoDB
- Swagger, Stripe, Sendinblue, Google OAuth, Amazon S3



### Services:

- Analysis and software design
- Software development
- Testing
- DB migrations
- Maintenance and support

## Highlights

- A **hybrid work management platform** designed to simplify **workspace booking** and **team coordination** while **optimizing resource utilization**.
- Enables employees to book workspaces in company offices or across 5,000+ on-demand locations, enhancing flexibility and productivity.
- Seamlessly integrates with existing workplace tools, providing **automated bookings, calendar synchronization, attendance tracking, and data-driven insights**.
- Designed for scalability and high performance, ensuring smooth operations for thousands of users while **reducing operational costs for businesses**.
- Enhances employee experience through an intuitive interface, smart workspace recommendations, and automated policy enforcement.

## Product Overview

The platform enables organizations to manage flexible work environments by allowing employees to book various workspaces, including open areas, private offices, and meeting rooms.

It offers **advanced tools** that facilitate workspace management and team collaboration, **supporting businesses in optimizing their operations for hybrid work models.**

The system ensures **streamlined workflows** through **integration with existing workplace tools**, enhancing both employee flexibility and corporate oversight.



## Requirements

The client required a robust solution that would enable employees to book workspaces effortlessly while providing businesses with **greater control over hybrid work policies.**

The platform needed to support seamless integration with existing workplace tools to ensure efficiency and ease of use.

High scalability and performance were crucial to handle **thousands of simultaneous bookings across multiple locations.** Additionally, the system had to offer an intuitive user experience with automated booking management, **smart workspace recommendations**, and **cross-calendar synchronization.**

**Data security** was also a key requirement, ensuring role-based access control and safeguarding corporate data.

## Challenges

The project presented several challenges, including **designing a system that met both employee flexibility needs and corporate oversight requirements.**

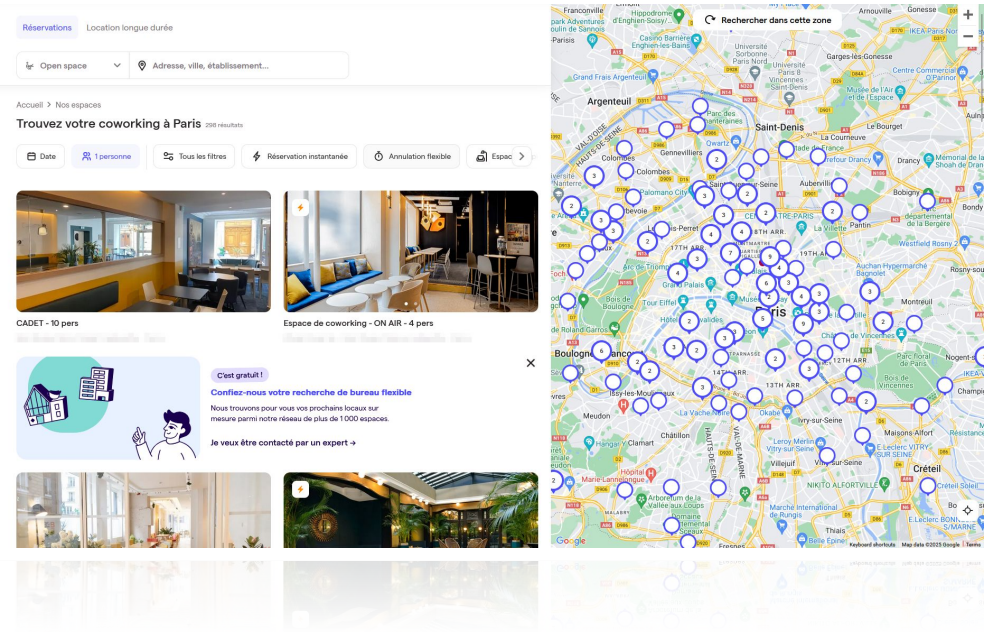
Security and access control had to be meticulously implemented to protect sensitive company data while allowing appropriate user permissions.

Customization was essential, as **businesses needed the ability to configure hybrid work policies, booking rules, and workspace permissions** to align with their organizational structure. Moreover, the platform had to be **highly scalable** and capable of handling large volumes of real-time bookings across multiple locations without compromising performance.

## Provided Solution

To address these challenges, our team developed a hybrid work management platform that simplifies workspace booking and team coordination.

The system includes a comprehensive booking management feature that allows employees to reserve workspaces such as hot desks, private offices, and meeting rooms. To enhance security, we implemented a **sophisticated role and permission system** that **enables businesses to define hybrid work policies** and **track team attendance**. The platform seamlessly integrates with existing workplace tools, synchronizing with calendars and automating workflows to improve productivity. Additionally, it offers **smart workspace recommendations** and **advanced search filters** to help employees find the most suitable workspace. Built for **scalability, security, and high performance**, the solution ensures a seamless experience for businesses of all sizes.



## Let's get in touch

ArtSoft Consult is a trusted partner in the IT industry, providing tailored solutions to address your unique business challenges.

With our proven expertise our team delivers innovative solutions and development services.

Drawing from years of experience and industry insights, we deeply understand this industry and we look forward to working with your business.

For more details on our services and team, please [contact us](#).



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