

# PROPERTY ASSET MANAGEMENT APPLICATION

Reshape the resident living experience

Mastery in  
Software  
Engineering

**FORTECH.**  
a GlobalLogic company



## Key Facts



Industry: Property Management Software



Team Size: flexible scale up and down from 0 to 16, and then to 9



Duration: ~ 2 years



Technologies:

Mobile: iOS, Android

Web front end: JavaScript, Mobile Cross-platform, Ember JS, Node JS

Back end: Ruby on Rails



Services:

Code Refactoring  
Specs Development  
Software Development  
Software Testing  
Project Management

## Highlights

- A digital asset management solution for community residents, and landlords/operators.
- The client currently serves over four million apartment homes nationwide and is in a strong expansion mode.



## Solution

Our client is a US-based real estate software company. They build a digital platform for property asset management. The tool is designed to facilitate community interaction, services and preventive maintenance for all buildings in a residential area. Apart from that, it helps optimize capital investments throughout the property lifecycle.

The client envisioned a modern resident experience by allowing a centralized service management of all the components that make up a residential living space, be it an apartment, the complex pool, or a home appliance.

- Residents gain access to detailed asset histories or tracking options for any particular property or asset in their residential community.
- Landlords/operators are enabled to plan the service workflows and deploy service technicians on a priority or emergency basis.

The platform can be customized for different types of communities managing their buildings, such as military housing, manufactured housing, multifamily residences, student housing, senior or even corporate housing.

As a growing company, the client needed technical support in upgrading and delivering the robust platform they have in place today.

## Collaboration

The client approached Fortech to support the evolution of its core product, under an effective scale up and down model. At the moment of engagement, the client was having a fast and challenging product map while dealing with dependencies and technical dept. A fast product roadmap delivery was required. Fortech team was added as an extension to the existing delivery team. Some key interventions:

- Refactored the platform logic, from 1to1, to multisite management;
- Defined a specifications documentation practice;
- Supported the backend technology upgrade from Ruby 1 to Ruby 4;
- Enriched the web and mobile app with a new set of features, including multisite management; resident communications with landlords and service teams; asset management and others;
- Prepared a testing vision that allowed the client to navigate blockers in the production and speeded up the product road-map delivery;
- Proposed and adopted practical delivery management process improvements, by shaping an Agile team culture and calibrating with the client leadership in the early stage of the collaboration;
- By the end of the collaboration the client provided valuable positive feedback for the Fortech team, especially for the quality practices and automation.

## Client Benefits



### TIME TO MARKET

The platform enjoyed a rapidly expanding user base from 600.000 to 4 mil+ users.



### NEXT-LEVEL EXPERIENCE

The refreshed product takes the resident experience at the next level. Confirmed by the perfect score of ten provided by users.



### RELIABILITY

99% of all major features released to production.



### QUALITY

High-quality of deliverables. Coding best practices in agreement with the client technical leadership team. Achieved cross-modular and cross-platform consistency.





# ABOUT FORTECH

Fortech is a top Romanian software development company headquartered in Cluj-Napoca. With a workforce of 1150+ people, Fortech has been repeatedly recognized by Deloitte, IAOP®, EY, and Forbes for its fast-growing, entrepreneurial journey.

With expertise and a strategic focus across professional services, healthcare, financial services, automotive sectors, and more, we cover the end-to-end software life cycle development to deliver the innovation, scalability, quality, security and speed our clients need.

Our approach to software engineering combines strong technology and process know-how, Agile delivery methods, and a blend of code quality practices and metrics refined in almost two decades. Since 2003, over two hundred fifty clients chose Fortech as their tech partner.

Access our expertise: [www.fortech.ro](http://www.fortech.ro).

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