envative
SMARTER SOFTWARE SOLUTIONS
WEB MOBILE IoT

CASE STUDY

Quickpass

THE INTRODUCTION:

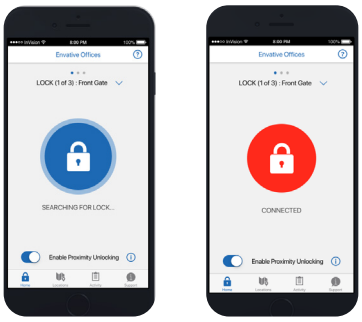
Quickpass is a security and access control company based in Phoenix, Arizona. The Quickpass team included a small internal development group that was attempting to tackle several challenges, some of which they had little or no experience with. The leadership of Quickpass was uneasy and anxious and decided to seek out a technical partner that could help. They were concerned about trust and wanted assurance that the potential partner could help them achieve their goals. So, Quickpass queried their professional network, and Envative was referred as potential software partner in multiple conversations. "But, Envative is in New York, and Quickpass is in Arizona. Can we make that work?" While it is true, our offices are 2,500 miles apart; we demonstrated how our process and methods of project communication make those miles disappear. We formally engaged and got to work.

THE CHALLENGE:

Quickpass offers access control and security services to communities and properties around the southwest. Their flagship application includes a robust visitor check-in process that includes an operated security post, visitor announcements, access schedules, and resident facing web portal. Quickpass was interested in creating a proprietary IoT (Internet of Things) device to control access gates, doors, and entries. They also wanted to create a mobile application for residents, visitors, and service providers, as well as address multiple architecture and application scaling issues. The existing Quickpass 1.0 was developed in 2003 using ASP. NET, and webforms using VB.NET – it needed a complete technology up-date. Cost and schedule were items of greatest concern. Quickpass requested effort and timeline estimates before the commencement of the development so that they could prioritize their goals and make the best decision for them.

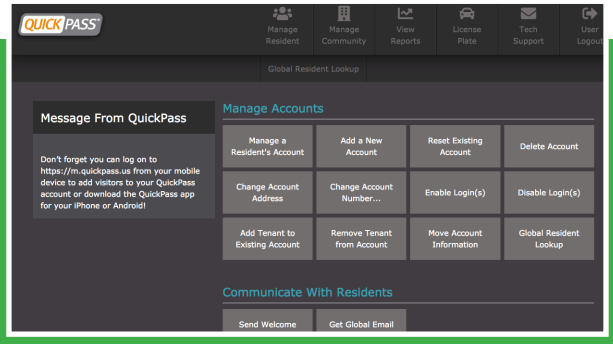
THE GOAL:

The objective of the engagement was multi-faceted. Quickpass leadership needed to understand the depth of effort to develop a mobile app, create a light-weight version of the Quickpass suite, create an IoT device to control entries, and create a cloud service to integrate all the data associated with the business processes. We also needed to assess the fitness of the existing code base, address an aggressive delivery schedule, and identify and share technical strategies to make sure Quickpass would become a leader in the security industry.



THE SOLUTION:

Envative formed three project teams; web, mobile, and IoT and created budgets and timelines for each area. Our project manager created independent project schedules and reporting that communicated each feature as it was being developed and released for testing. To modernize their critical application, Envative reviewed all options and decided on .Net core. A reduced-feature version of the existing application was deployed to additional markets as well. As of summer 2019, Quickpass has deployed a proprietary IoT gate controller, multiple mobile applications, and introduced QuickBlue as a new web application. Quickpass decided to remove their internal technology team, finding that the costs and delivery associated with utilizing Envative's expertise better suited their future growth plans.



20% lower costs compared to existing teams salaries.

100% of delivery dates met.

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