

# APPLICATION TRANSFORMATION FOR THE HEALTHCARE INDUSTRY



## Case Study

## ABOUT BRIGHTTREE

Brightree is the provider of billing and management software solutions for home medical equipment (HME) providers, orthotics and prosthetics (O&P) practitioners, and sleep labs. Brightree's SaaS-based software solutions follow the natural workflow of providers to automate and improve how they manage their businesses.

## INDUSTRY LANDSCAPE & CHALLENGES

Healthcare accounts for 17.9% of the United States' GDP, offering goods and services for preventative, rehabilitative, and curative care.

Challenges include:

- Changing global regulatory standards (HIPAA, FDA, and more)
- Accurate solutions to prevent wrong prescriptions and diagnoses
- Ability to securely manage petabytes worth of patient data

## CLIENT CHALLENGES

- Internal Bandwidth issues and cost constraints
- Needed an offshore partner with a long term mindset of scalability, performance, support and on-going maintenance
- Over 1.1 million lines of undocumented code
- Outdated legacy platform



## SUCCESS STATS

- ✓ New UI contributed to \$800 M buyout by ResMed
- ✓ 100% within budget and on-time delivery
- ✓ Documented and re-engineered 1.1 M lines of undocumented code

## KMS IMPACT

- KMS migrated the complex enterprise home healthcare platform from a VB/ASP platform to ReactJS, C#.NET, and SQL Server
- Modernizing Brightree's architecture, enhancing the user interface, and adding new backend functionalities brought in new customers and increased current client satisfaction.
- A phased migration approach of one module at a time, with a total of 6 modules, reduced the impact of user interface changes to end-users.
- With the help of the KMS team, Brightree was able to improve efficiencies, streamline processes, and increase their profitability.
- Maintaining regulatory compliance was a priority for KMS Technology, who thoroughly trains team members on HIPAA and FDA requirements. This ensured Brightree's platform operated within government standards.

## CONCLUSION

KMS Technology was a key player in the \$800 Million acquisition by ResMed, and their expertise has helped Brightree deliver better value to their end users everyday.