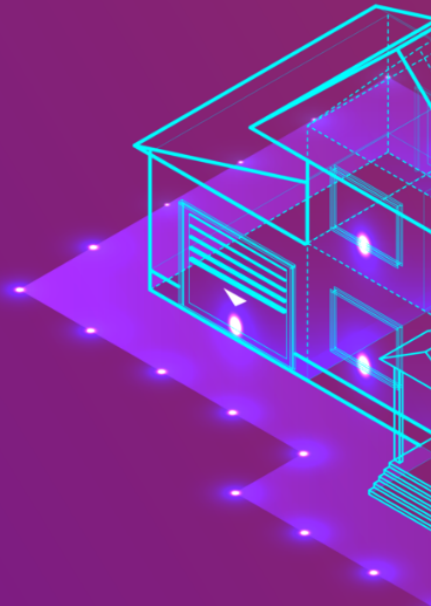


PHOENIX CRM

a web application that facilitates provision of electricity, gas, water, cable and broadband services to houses of multiple occupancy. It enables tenants to be equal partners in everything related to their utility and service bills.



USER-FRIENDLY ONLINE SUBSCRIPTION MANAGEMENT



assess current utility service status



view electricity usage graph



perform utility rates review



pay utility bills



automate payments



enable and disable services of different utility suppliers.

Huddle Utilities is using Phoenix CRM administration panel as a customer management and a billing system for their business. The admin panel allows full automation of customer acquisition and lifecycle as well as billing, payments, reporting, analytics and connectivity to the accounting system. Phoenix CRM is a complex piece of software that completely replaces manual work and removes the need for tools such as excel, online databases and other.



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THE CLIENT'S FIRST-HAND REQUIREMENTS

“

I needed a web application that would replace my current semi-manual way of managing my business. I needed to enable my employees to quickly register new customers, enable and disable utility services and allow tenants to transfer meter readings and pay the bills. I also needed to record supplier bills and make sure we charge clients correctly. I required data analytics and reporting to enable smart decision making and having data insights to optimise business decisions. The application also needed to be compatible with desktop and mobile devices

— **Huddle Utilities** | Daniel Cohen & Paul Garmeson

SERVICES RENDERED BY Client1st SOFTWARE



Extensive business analysis of the requirements



Designing smooth and powerful web user interface for customers and internal employees



Backend and website development



Mobile application development for recording meter readings



Security hardening



Testing and Deployment on Amazon Web Services



Production maintenance and ongoing support

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PROJECT IMPLEMENTATION TIME

7 900 hours.

CLIENT1ST TEAM

Project manager - 1;
Business Analyst - 1;
Full stack developer - 3;
QA - 1;
UI/UX Designer - 1.

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TESTIMONIALS

“

Client1st Team has been extremely professional. The team fulfilled my requirements in their entirety. Given the full data transfer from the old application, we adjusted to the new system quickly and painlessly. The app developed by Client1st Software allows us to establish effective cooperation with tenants, utility suppliers and agents. Our business has risen to a new level thanks to the implementation of this solution. Cooperation with Client1st team of professionals enabled us to meet business objectives on a tight deadline. We have launched the app and are now working with Client1st on improving it further.

— **Huddle Utilities** | Daniel Cohen & Paul Garmeson

TECHNOLOGY STACK

Frontend:

React, Redux, Immutable.js, Redux-Form, Apollo, Material-UI, Recharts.



Backend:

NodeJS, GraphQL, PostGraphQL, Express, Nginx, Certbot



Building:

Webpack 2, Babel, SASS + PostCSS



Code quality:

ESLint, SonarQube



External services:

Amazon Web Services (S3, SES),
Global Iris



Database:

PostgreSQL



Tests:

Jest, Enzyme



Deployment:

Docker, Rancher + Gitlab CI



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