V-SOFT DIGITAL®

Intelligent Appliance Data Entry Automation

Company

A global appliance manufacturer based in the Midwest. One of the largest appliance brands in the United States and manufactures appliances under a house of brands.

Challenge

The manufacturer had begun to connect a mobile application to intelligent appliances, but was relying on manual data entry and transcription. Transferring thousands of records to automated cooking instructions was an arduous and time-consuming process prone to human error.

Solution

V-Soft Digital built a natural language processing (NLP) engine and introduced advanced machine learning (ML) concepts. These applied technologies were able to consume and process unstructured cooking instructions and seamlessly program the smart appliance.

Result

This fully-automated and AI-powered solution eliminated repetitive, manual data entry and improved accuracy by 98% and decreased costs by 76%.

Improved Accuracy **98%**

Decreased Costs **76%**

TECHNOLOGY APPLIED

- AWS Lambda
- SageMaker
- DynamoDB
- ML, DL & NLP

NMSDC MBE Certified

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