

## THE CUSTOMER

GA Pet Food Partners provide private label pet food solutions for partners across the globe.



## REQUIREMENTS

The customer approached Sorion to design and build a standalone label storage and retrieval solution

## RESULTS

- Error-free label sorting and retrieval
- Simple operation speeding up operator training time
- Ergonomic and robust pick to light modules
- Flexible and easily scalable system to handle changing requirements



## THE CHALLENGE

GA Pet Food Partners have a printing operation that generates batches of labels as unique customer works orders are processed.

This requires a storage and retrieval facility so that the labels can be easily retrieved when required and also limiting damage to the labels.



## THE APPROACH

The Sorion team designed and built a standalone Pick to Light and Put to Light solution including a sorting rack consisting of 120 individual slots, each slot representing an order.

Each compartment was fitted with a simple pick to light module with a domed LED indicator light / task confirmation button. The confirmation button has a multicolour option so that specific colours can be assigned for the sorting and picking process.



## THE PROCESS

The station is controlled by Sorion's Sextans process control software, running on a touch screen PC. The PC also displays further instructions for the operator.

### LABEL STORAGE

When a batch of labels to be sorted arrives at the Put-to-Light station, the operator will scan each item individually.

For each label scanned the light module on the correct slot is illuminated, allowing the operator to place the label in the right location every time.

Once the label is placed, the operator will confirm task completion by pressing the button on the light module.

This process is repeated until all labels are consolidated in the correct slots.

### LABEL RETRIEVAL

The label retrieval method is the reverse of the label storage process.

The operator scans the works order and the system will illuminate the slots where the labels need to be picked from.

## RESULTS

The pick to light solution engineered by Sorion provided a simple and efficient solution for the customer's label storage and retrieval process.

The system has a flexible configuration and is easily scalable to allow for the customer's changing requirements.

## ABOUT SORION

With over 32 years of industry experience, Sorion designs and manufactures bespoke guided assembly, collaborative robotics and end of line test systems to a range of industry sectors: automotive, aerospace, warehousing and manufacturing.

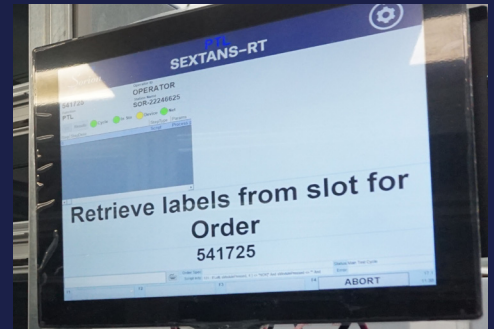
### Your Partner for:

- Guided Assembly Process Control
- Autonomous Mobile Robot Systems
- End of Line Test Systems
- Ruggedised Electrical Connectors & Harnesses
- Quality and Traceability Reporting
- Electronic Product Design and Development



**Sorion Electronics Ltd**  
Magreal Industrial Estate  
Freeth Street, Ladywood  
Birmingham, B16 0QZ

## THE SORION SOLUTION



Sextans process control software



Label sorting rack with 120 slots



Pick to Light module



Label sorting and retrieval system

Tel: **0121 454 8966**  
Email: [sales@sorion.co.uk](mailto:sales@sorion.co.uk)  
[www.sorion.co.uk](http://www.sorion.co.uk)

