



TAAP's Food Donation Service Application Running On Zebra Technologies Handheld Computers Cuts Food Waste For Major UK Retailer

ABOUT TAAP

TAAP provides an agile application platform that enables mobile and enterprise software applications to be developed for rugged devices, tablets and smartphones on Windows, Android and iOS operating systems. Working with small businesses through to global enterprises, in multiple languages, in almost every industry sector, its solutions are designed to rapidly digitalise manual processes and provide organisations with functional and operational consistency and real-time information across their business.

As TAAP's systems are based on a configurable business process management and workflow platform – The Agile Application Platform (TAAP) – its solutions can be easily configured to meet specific needs, whilst keeping costs low. Organisations also benefit from TAAP's approach to rapid development and deployment, which enables tailored applications to be available in a matter of days and weeks. This allows TAAP's clients to realise faster ROI and gain a competitive advantage in their markets.

TAAP has recently developed and deployed a Food Donation Service application in collaboration with a major UK retailer. The plug-and-play application enables retailers to track and trace donations of surplus food to charities and to achieve targets to minimise food waste and comply with corporate and social responsibility obligations. The application runs on Zebra Technologies devices.

Challenge

This leading retailer is committed to providing surplus food to charities. It wanted to digitise its processes for donating its surplus food supplies to charity, with a solution that could run on its existing in-store devices. So the retailer approached TAAP, a long-term Zebra Technologies partner to deliver the solution in a rapid timeframe.

SUMMARY

TAAP
means business for apps

Customer
TAAP

Industry
Retail

Challenge
TAAP was approached by a major UK retailer to rapidly digitise its processes of food donations to charities in its aim to cut food waste

Solution

- TAAP Food Donation Service (FDS) application on Zebra Touch Computers and Zebra Mobile Computers

Results

- Very rapid deployment of solution to live in less than a month
- FDS works seamlessly on new and existing in-store Zebra hardware
- Full, easy integration into retailer's back office systems; gateway integration into charity logistic partners' platforms
- Designed in consultation with retailers, the application is simple, easy to use and scalable
- Application now rolled out to 3,000 stores nationwide, with more than 10 million meals donated to over 5000 charities
- 150% increase in charity donations and 4,200 tonnes of food saved, improving the retailer's corporate social responsibility
- Removal of paper and manual processes, which saves time, improves accuracy and reduces environmental impact
- Fast ROI and significant reduction in costs associated with administration, bin and surplus supply removal
- Ease of monitoring and analysing donation data through analytics, dashboards, KPIs and metrics
- Total proven TAAP and Zebra solution ready to take to market and with global capability to enable any retailer to rapidly implement a Food Donation Service

Solution

TAAP deployed its Food Donation Service (FDS) application within a month to the first store. FDS has now been successfully rolled out to nearly 3,000 stores across the UK and Ireland. The retailer has already donated 10 million meals into 5,000 different charities, significantly reducing its food surplus from short shelf life goods and excess stocks.



The application integrates with the retailer's stock, price and waste services, to digitally track and trace donations. Store staff use Zebra devices, all of which they were already using for in-store operations, to check stock levels; on finding any surplus goods near to their best before date, staff scan these barcodes and data is sent to the FDS application.

FDS integrates with the retailers' logistics channels, which match the retailer's stores to local charities. They receive an email or text via the distribution component of TAAP's application – the Food Donation Distribution (FDD) Service – with details on quantities and types of products available for donation. The partner reviews the data, accepts the donations on behalf of its charities and liaises with the charities to arrange delivery. The Zebra devices are also used to scan the products when they are dispatched. Digital records of the transactions are created, so the retailer, meanwhile, can see that donations have been accepted and collected. This information is all integrated into its back office systems and can trigger various inventory actions, such as stock ordering. The retailer can also use

FDS to monitor, analyse and audit data relating to its donations. In this way it can validate its compliance with corporate and social responsibility obligations, as well as ensuring product traceability, in case of a food recall, for example.

TAAP has retained the IP rights for FDS and, as such, can work with any retailer and logistics provider to continue to reduce food waste. The system can be piloted without integrating into the company's back office and can be adapted to each individual retailer's operational rules and requirements; for example, if the retailer doesn't have a food donation logistics partner, the application allows for direct interface with the charities. Moreover, the application can run on most mobile devices, including older PDAs, so retailers can use their existing fleet of Zebra devices.

Results

Users find the FDS application on Zebra's handhelds very easy to use; it also comes with training modes, for ease of adoption. FDS runs seamlessly on existing in-store Zebra mobile computers on both Android and Windows OS and integrates easily into the retailer's and partner's systems. This was essential, with speed-to-market being a key factor.

The deployment has introduced efficiency and productivity gains, as well as significant cost savings for the retailer, through a reduction in manual processes and surplus supply removal to landfill. More importantly, it is ensuring that the retailer can manage and trace its surplus products to those who need them, rather than let perfectly good food go to waste. TAAP and Zebra Technologies now have a proven, scalable total solution, ready to roll out to other retailers and grocers, in a bid to cut unnecessary food waste.

"We were delighted to have been able to deploy our Food Donation Service to the original Zebra MC series of rugged barcode scanners right through to today's latest Android powered Zebra TC51 Touch Computers. We can help to both mitigate food waste and eliminate inefficient paper process. We look forward to rolling out our total solution in conjunction with Zebra to other retailers and grocers worldwide."

Steve Higgon,
CEO, TAAP

FOR MORE INFORMATION ON HOW ZEBRA TECHNOLOGIES AND TAAP CAN SOLVE YOUR RETAIL CHALLENGES, PLEASE VISIT: WWW.ZEBRA.COM AND WWW.ONTAAP.COM



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