



AUTOMATED DATA COLLECTION





“ Cedar Bay has been a great partner; their technologies and solutions have kept us moving forward during a boom time for our industry. ”

Kevin Andrew, Inventory Data Manager, Heaven Hill Brands

HOW WE CAN HELP

Streamlining and Simplifying Your Business with IFS Applications

At Cedar Bay, we understand the challenges facing modern businesses as they try to improve effectiveness and reduce costs. We deliver mobility and automated data collection solutions to customers around the world, helping companies streamline and simplify their business processes surrounding the use of IFS Applications.

IFS is globally recognized for its agile enterprise resource planning (ERP) solution. As a valued partner, Cedar Bay implements IFS Applications, allowing companies to manage and integrate areas such as planning, purchasing, inventory, shop orders and sales. With years of experience in implementing largescale ERP solutions, our long-held expertise in manufacturing and supply chain puts us in a unique position to deliver the best solutions for customers in the IFS community.

The Cedar Bay automated data collection software delivers over 80 standard transactions and a simple-to-deploy, flexible, integrated solution. It eradicates errors from your business processes, capturing information at point of creation and improving accuracy and traceability. Our Industrial Internet of Things (IIoT) connector, charIoT, enables manufacturers to send messages from machines that automate Cedar Bay transactions.

In 13 countries across three continents, we work in close partnership with our customers to rapidly deliver solutions to meet their objectives, implementing complete cost-effective projects including software, hardware, infrastructure and on-going support. When delivering a robust and useable solution, our knowledge of appropriate hardware, and our user training programme, helps optimise its practicality, to ensure your project runs smoothly.

We look forward to working with you!

“ The Cedar Bay implementation was one of the best IT projects I have ever been involved with. The project was delivered ahead of schedule and under budget. ”

Alex Ivkovic, IT Director, CDF Corporation

- > Software for Automated Data Collection
- > Touch App, IIoT integration and mobile app development
- > Hardware and Wi-Fi Infrastructure deployment
- > Implementation services
- > Business process audit and review
- > Label design and development
- > Machine and PLC integration

MARKET SECTORS

Manufacturing and distribution, automotive, medical, oil and gas, food and beverage, engineering and project.



THE SMART FACTORY

Manufacturers are looking to Smart Manufacturing and Industry 4.0 to embrace the benefits of digital technology, making the concept of The Smart Factory a reality. The structure of a smart factory combines information, communication and production, across the entire manufacturing supply chain. With the advent of the Cloud and Industrial Internet of Things (IIoT), companies now have access to more data than ever before and, through automation and self-optimisation, the entire manufacturing plant can improve processes by connecting the individual operations of the factory.

WAREHOUSE OPTIMISATION

Streamline advanced warehouse optimisation direct into IFS.

SMART TECHNOLOGIES

charIoT direct machine and scale integration solutions to help optimise and automate processes.

SUPPLIER PORTAL

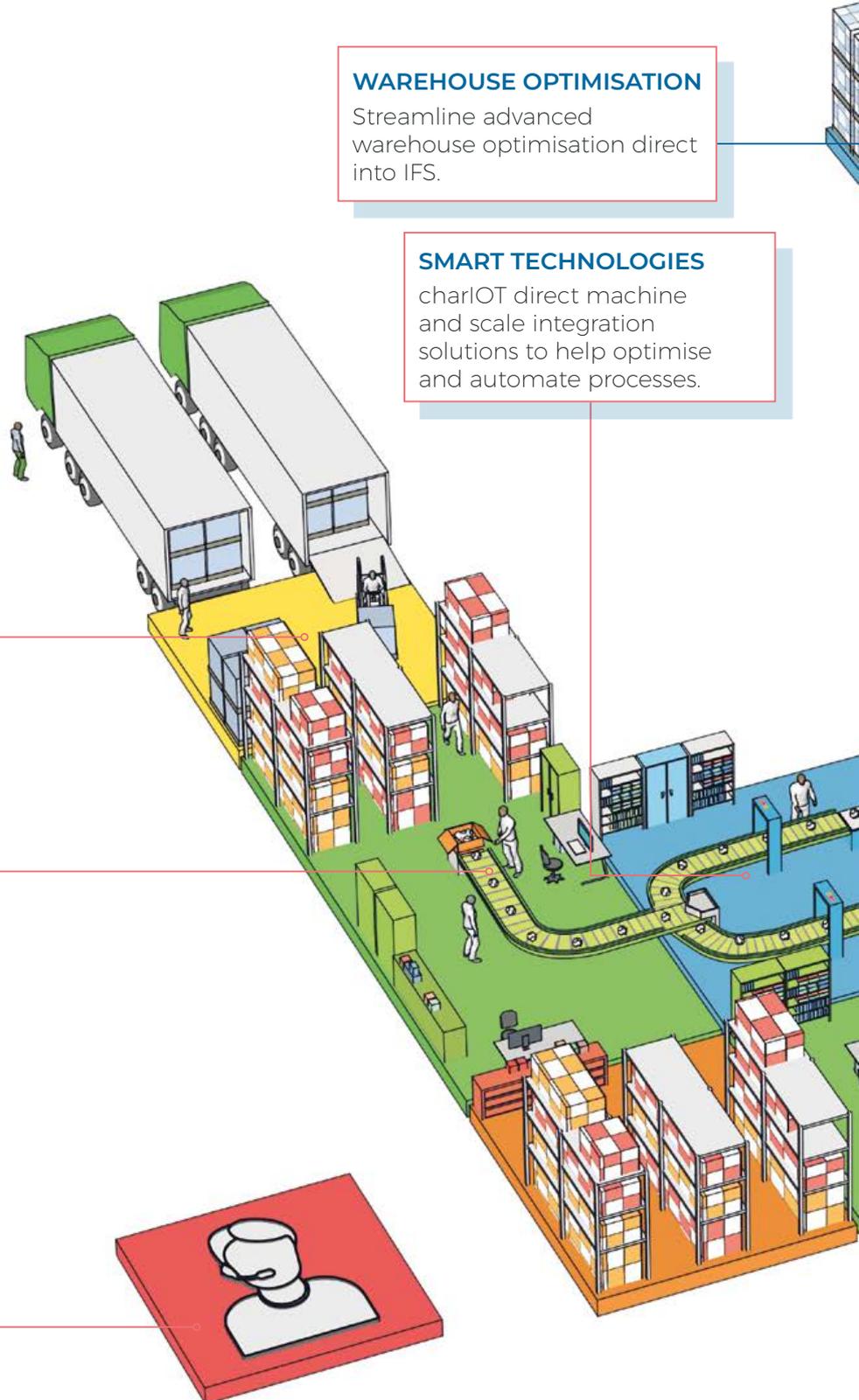
Helps your suppliers manage labelling of shipments, allowing you to receive the goods in to stock with a single scan.

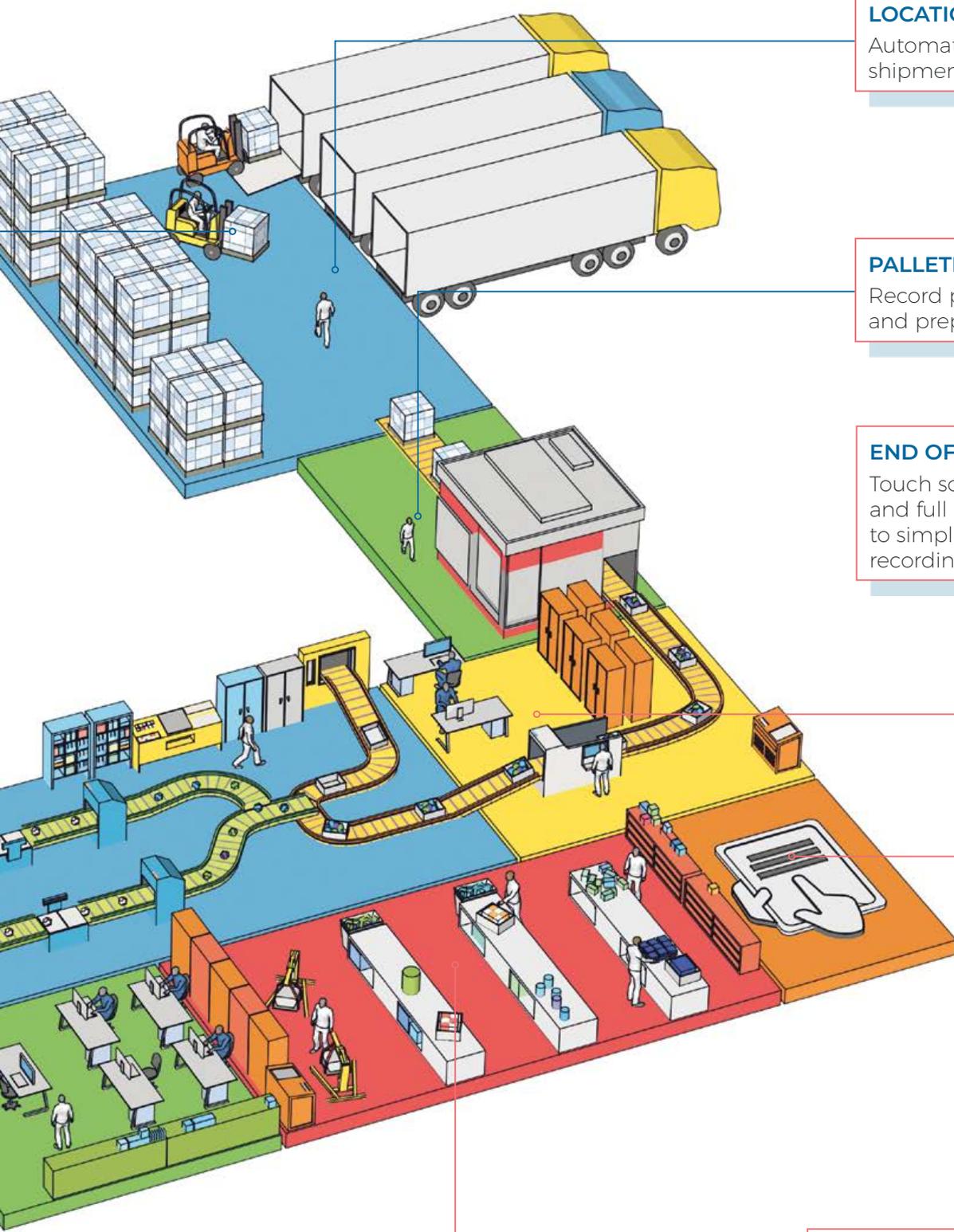
RECEIPT/QUALITY ASSURANCE

Use mobile technology to manage control plans and inspection results in real time.

MOBILE ENHANCEMENTS

Custom mobile application for specific transactions to provide offsite integration back to IFS on any platform.





LOCATION TRACKING
Automatic recording of shipment of pallets.

PALLETISER
Record packing operations and preparation of shipments.

END OF LINE REPORTING
Touch screen transaction and full machine integration to simplifying production recording and labelling.

MAINTENANCE
Real-time reporting of works order transactions for time, material and status.

OFFLINE
Offline transactions for specific areas that suffer from connection failure or have mobile security or environmental restrictions (ATEX).

KEY TRANSACTIONS

Smart Manufacturing / Industry 4.0 is now used in common terminology, encompassing the latest digital technology available to the manufacturing world. At Cedar Bay, we have worked with this technology for many years and we know what options are available for manufacturers and how they can derive maximum benefits from its use. We know what the driving factors behind Industry 4.0 are and we know how to help our customers improve production efficiency, delivery reliability and increase profit margins. We work closely with our customers to implement the application of a bespoke range of configurable transactions; to create an advanced manufacturing environment that's unique to each particular customer.

The Cedar Bay solution supports Windows, Android and iOS devices and tablets and hosts over 80 standard transactions, providing functionality across all areas of business, from receipt to shipment, service to maintenance. Our IIoT connector, charIoT, simplifies the connection of machines, production measurement information and other feeds, which in turn allows the automation and collection of numerous types of transactional data into IFS.

KEY BENEFITS

In getting the most from all the available data, companies can add business value by integrating more technology into their processes. Key benefits extend beyond simply the physical production of goods, into planning, supply chain logistics, inventory and even product development. The Smart Factory adopts the process of real-time information for complete visibility, end-to-end traceability and optimised productivity. This brings complete control over product quality, reducing errors, recalls and waste, and meeting manufacturing demand in the most cost-effective way.



“ The use of Cedar Bay has allowed us to streamline the receipt of goods and remove data issues relating to the third party integration, creating an annual saving of around £100K. ”

Paul Doswell, Head of IT (UK and Europe) Kettle Foods Manager, Heaven Hill Brands



“ Cedar Bay is a strong business partner, with great commercial terms for both implementation and on-going operational costings, which saves us time and money. ”

David Harmer, MIS Manager,
Trelleborg Offshore

OVERALL STRATEGIC BENEFITS

Many of our customers view us as a strategic partner, enabling key areas of their business to operate successfully. As a key enabler in the drive towards Industry 4.0, our mobile solutions allow operators to enter and validate data through over 80 IFS processes, enabling the streamlining and improvement of business processes. Providing accurate data for real time decision-making, enabling production efficiencies and increasing staff productivity, are all key benefits that bring a rapid return on business investment.

BUSINESS BENEFITS

Cedar Bay projects always focus on our customers' objectives: real-time data capture eliminates any transcribing issues and speeds up processes, many of which deliver extra benefits by using validation which is built into the Cedar Bay processes. Areas such as picking and shipments allow the operator to scan the product, so that verification takes place, eliminating the risk of product mis-shipment.

LOGISTICAL BENEFITS

Functionality, traceability and visibility are all important areas that our solutions address. Processes which are difficult to implement when the user is presented with a screen, become possible to integrate using mobile products and within the normal flows of the activity. This is often the case with traceability, where capture of lot or serial information is difficult if the users have to write the data down and transact later: where users have a scanner it can be scanned quickly as part of an issue or receiving process.

LOGISTICAL BENEFITS

Functionality, traceability and visibility are all important areas that our solutions address. Processes which are difficult to implement when the user is presented with a screen, become possible to integrate using mobile products and within the normal flows of the activity. This is often the case with traceability, where capture of lot or serial information is difficult if the users have to write the data down and transact later: where users have a scanner it can be scanned quickly as part of an issue or receiving process.

“ The Cedar Bay data capture solution delivers a huge degree of flexibility within our IFS solution, allows us to configure options per site and is very simple to use as part of the IT infrastructure, in so much as it requires no additional servers or databases. ” Paul Reed, IT Director, WNA (North America)

www.cedar-bay.com

Tel: +44 (0) 1242 304244 **(UK only)** **e-mail:** info@cedar-bay.com

Cedar Bay (Europe) Ltd, Hermes House, Andoversford Link,
Andoversford Industrial Estate, Andoversford, Gloucestershire, GL54 4LB, UK

Tel: +1 (971) 777-2995 **(US only)** **e-mail:** info@cedar-bay.com

Cedar Bay North America Inc., 696 McVey Ave, Suite 203, Lake Oswego OR 97034, USA

