

# Honeywell Scanning and Mobility



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# Honeywell

## Transportation and Logistics

# Honeywell



## Solutions for every type of transportation application.

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## What could help you maximize efficiency and drive products in good or challenging economic times?

At Honeywell, our goal is not to simply provide you with products. It's to listen. To understand.

To find solutions that are right for your business and your customers. We create technology

that gives you the capabilities you need to increase your productivity, sales and profits – as

well as your employee, driver and customer satisfaction.

## Your best productivity choice for the long, long, long run.

As the transportation market grows increasingly challenging, streamlining your operations

with the right tools is critical to the success of your business. Honeywell solutions help you

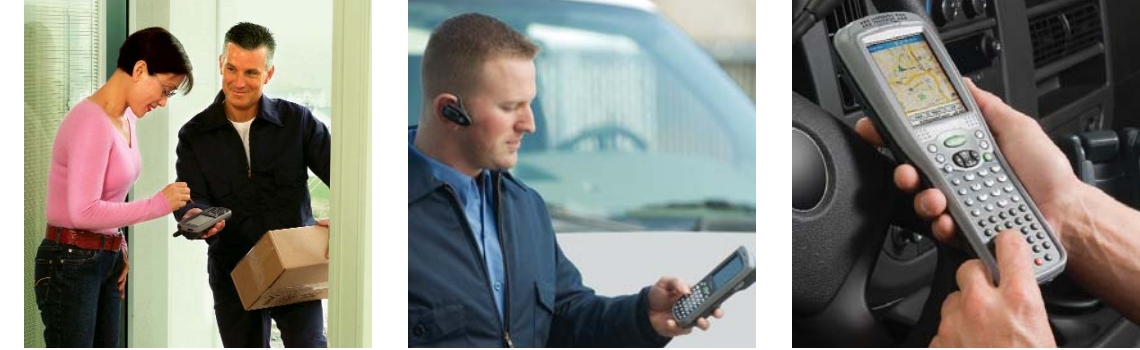
achieve greater efficiency every step of the way.

**Let us help make your business more profitable.**

## Parcel and Small Package Delivery

Gain new efficiency in parcel and small package delivery.

We've helped some of the world's leading parcel and small package delivery organizations boost productivity and competitiveness through the ability to track packages and trucks in real time, optimize routes, and communicate with drivers anytime, anywhere. It all adds up to lower costs, enhanced service and assurance that the right packages are delivered to the right customer at the right time.



### Strengthen customer service and cut costs with increased device capability.

Honeywell's Dolphin® Mobile Computers are uniquely designed to meet the special challenges of parcel and small package delivery. Their features allow for real-time communications to ensure up-to-the-minute data, increasing accuracy and creating faster delivery times.

- Optimize routes and save on fuel costs with Integrated Global Positioning System (GPS)
- Record the travel of each parcel every step of the way to provide visibility for you and your customers
- Obtain instant delivery confirmation
- Enhance your proof of delivery information by capturing customer signatures and images to record parcel condition, avoiding disputes and potential headaches
- Reduce operator stress with lightweight, ergonomic designs and the ability to read bar codes from any angle

Read both linear and 2D bar codes—and even damaged bar codes thanks to Adaptus® Imaging Technology. Our solutions also offer the ability to include the following in a single bar code:

- Tracking and account numbers
- Shipper information
- Consignee information
- Payment details
- Carton marking
- Weight and zone information
- Delivery and special handling instructions
- Insurance details and more

### Make the most of your facilities and vehicles with enhanced load balancing.

With their 2D bar code capabilities, Honeywell mobile solutions can help you avoid over- or under-use of your assets.

- Facilitate better load balancing via mail or parcel flow tracking
- Minimize errors in truck loading

### Improve your operation with real-time communication.

Dolphin Mobile Computers give you up-to-the-minute technology to improve load planning and balancing.

- Implement dynamic dispatching with versatile radio options to enable real-time data transfer communication via voice and text messaging
- Optimize routes and track your trucks with GSM/GPRS capability
- Address problems requiring fast answers quickly



“ We evaluated the durability and ergonomics of the scanning devices and compared these with their productivity. Eventually, we decided together with the drivers for the Honeywell device. ”

—Armin Bohhoff  
Executive Director  
Eng. Division  
Deutscher Paketdienst (DPD)

## Field Service

Improve inventory control to decrease costs and increase customer satisfaction.

With increased flexibility through dynamic dispatch, Honeywell solutions help you shorten field service response times and reduce time lost to missed appointments, allowing your employees to complete more service calls each day.



### Feel the power of superior functionality in the field.

Real-time communication features on Honeywell products enable you to be in constant contact with each mobile worker. Enhanced efficiency and call volume, better response time and a higher level of customer satisfaction are just a few of the benefits of Dolphin Mobile Computers.

- Support dynamic dispatching with voice and text messaging communications
- Give service representatives the ability to contact customers directly
- Enable your representatives to have instant access to each customer's service record, product service history and technical data with Dolphins' Wireless Full Area Networking (WFAN) capabilities
- Speed troubleshooting, improve customer interaction, ensure optimum results—and up-sell at customer locations

### Reduce costs with heightened information.

Honeywell solutions can help you meet both your service and profitability goals by making it easy to track supplies going onto your trucks, give employees what they need to deliver service, and make sure you receive payments on time.

- Control inventory by scanning the bar codes of parts and supplies as they're loaded into trucks—and as they're used
- Ensure proper billing and inventory replenishment
- Track the usage of specific parts
- Store and access worker database information for easier field-based service and repair logging using Dolphin open architecture and advanced memory
- Record time and attendance

### Improve cash flow with on-site transactions.

With Honeywell, the point-of-sale is anywhere your service representatives go. The advanced image capture capabilities provided by Adaptus Imaging Technology, make it quick and easy to process orders and generate invoices once the work is done.

- Record customer signatures on work orders and other documents
- Print work orders, invoices and receipts on the spot with a wireless portable printer to save postage and help speed payment
- Accept credit card payments at your customers' locations with magnetic stripe reading capability

- Capture images of products or work sites to verify conditions or post-job site cleanup
- Record images of utility meters or other sites to provide proof-of-route coverage

### Enhance technician productivity with industrial durability.

At Honeywell, we build uncompromising durability into Dolphin Mobile Computers for years of dependability under harsh conditions. With our products, your employees will have what they need to get the job done in any situation.

- Benefit from rugged devices that can stand up to hot, cold and inevitable hard knocks
- Give your employees full battery life for their entire shift—10 hours or more—with Shift-PLUS™ Power Management
- Reduce downtime due to damaged devices or dead batteries

“There has been an overwhelming ‘vote of confidence’ for this new solution from the users. Strategically, Siemens have been able to implement a slick and sophisticated mobile solution that will allow us to take advantage of the improving mobile software technology that the Dolphin can support (such as scanning, photo capture, data via radio frequency, etc.). This now enables us to provide our customers with more innovative data capture services.”

—Pradeepan Periyannen  
Project Manager  
Siemens



## Trucking

Offset high fuel prices with operational efficiency.

Honeywell understands both the specific challenges and common pressures faced by different kinds of trucking operations. Through wide-ranging capability, versatility and future-readiness, our solutions help you optimize communications between your transportation and warehouse systems and enable you to integrate technology that encompasses mapping, picking, shipping, delivery and scheduling, all while cutting your costs with an alternative to satellite communications.



### Meet the special challenges of LTL and TL.

Dolphin Mobile Computers' dispatch, mapping, scanning and wireless communications capabilities are an ideal fit for LTL and TL carriers. Put them to work to cost-effectively improve parcel tracking and delivery while cutting transit times for better customer service.

- Make dispatching more efficient
- Track and manage vehicles
- Optimize routes, save on fuel costs, and cut down wasted time with turn-by-turn navigation with GPS capability
- Reduce the number of trucks that come back empty or have to wait for a load
- Integrate smoothly with existing in-vehicle and in-premise equipment and software for location tracking
- Maintain route compliance by determining how much time and miles are spent off route, ensuring drivers stay in scheduled path.
- Centralize vehicle maintenance records

### Take advantage of new opportunities with advanced imaging capabilities.

Our advanced Adaptus Imaging Technology gives you access to extensive data about any item through enhanced bar code-reading capabilities. Other features, including real-time connectivity and image capture help to enhance customer service and reduce disputes and wasted time.

- Read virtually any 1D or 2D bar code—even damaged codes—from any angle
- Easily update electronic manifests and confirm item delivery
- Capture image bills of lading, verify the condition of deliveries, record shipment damage, and capture customers' signatures
- Instantly upload vital information to your system

### Reduce costs with on-the-spot invoices.

Dolphin Mobile Computers can be linked by Bluetooth® or hardwired to a portable or vehicle-mounted printer, helping you avoid costly invoicing errors.

- Determine and verify the type of service and pricing to be used
- Print manifests
- Provide customers with signed receipts

### Transfer data for less.

Honeywell solutions give you the ability to stop relying on costly satellite communications for data transfer and ensure maximum connectivity.

- Switch to far-less-expensive transfer via a GSM/GPRS network
- Enable dynamic dispatch instructions to drivers
- Take advantage of a wide range of radio options for all local or wide-area needs
- Support four integrated radios with most devices
- Integrate easily with current systems and those you may want to use in the future
- Incorporate Honeywell solutions into your current on-board computer system to communicate and review driver logs



## Route Accounting/Direct Store Delivery

### Service customers with efficiency.

Honeywell solutions make every step of your operation more efficient.

Customers will appreciate more accurate and timely deliveries of goods to their stores with consistently accurate billing. And you'll love how easy it is for a single representative to accept purchase orders, issue invoices, collect payments and up-sell on the spot.



#### Do more with a Dolphin.

With an endless array of features and wireless connectivity to your warehouse management system, Honeywell's Dolphin Mobile Computers can greatly enhance productivity.

- Scan each item's bar code as it's loaded and delivered to ensure accuracy and completeness
- Electronically capture a signature for proof of receipt
- Optimize routes, get turn-by-turn navigation and document proof of visitation or service with GPS
- Upload data to your system upon return to the distribution center for easy, accurate invoicing
- Get answers without delays with real-time data exchange and voice communication via WFAN
- Benefit from products that withstand drops and extreme temperatures with their rugged, ergonomic design

#### Translate increased capabilities into more service options—and opportunities for new profits.

Our solutions can bring far more to your direct store delivery (DSD) operations:

- Lower operating costs, optimize routes, and reduce fuel consumption utilizing GPS
- Update daily inventory quantities for sales reporting, helping your customers to optimize order quantities and avoid sell-outs
- Record images of damaged goods and capture signatures, reducing the chance of disputes
- Create and print invoices and signed receipts on the spot using a portable or cab-mounted printer
- Reduce paperwork and speed customer payments with accurate invoicing
- Run reports of time between deliveries, signed-for merchandise and damaged goods
- Connect directly to a store's computer system via data exchange (DEX), enabling editable invoices for transmission in real-time
- Reduce shrinkage by scanning and tracking goods or packages throughout the supply chain
- Maximize operational efficiency to ensure as many deliveries per day as possible
- Gain flexibility in delivery scheduling



“Once we began using the mobile computers, we saw a savings of one and-a-half hours per day. The Dolphins provided us with a much quicker way of tracking our orders and deliveries. In our business, time is money—and the less time we spend logging information, the more time we have to sell. With the time savings and accounting accuracies we gained, the investment quickly paid itself off.”

—Ron Taylor  
Director of Sales  
Thompson Biscuit

## Warehousing/Cross Docking

Increase profits with greater warehouse productivity.

Honeywell solutions can help you cut operating costs by up to 25 percent by improving operating efficiency and reducing mishandles or misdirects.

Our mobile computers and handheld scanners help you improve upon cycle counts, perpetual inventory, shipping and receiving, picking and packing, and staging applications.

- Get years of dependable service from products that stand up to the bumps and drops common in warehouse environments
- Operate for more than a full work shift without time-wasting battery changes thanks to Shift-PLUS™ Power Management
- Reduce employee stress with ergonomic design and light weight
- Scan virtually any type of bar code

## Recommended Transportation Products

Field Mobility



### Dolphin® 9900

The 9900 delivers a durable and rugged design for maximum reliability and ease of use in mobile applications in transportation. Features include built-in GPS, Wireless Full Area Networking™ (WFAN) for real-time voice and data communication, and state-of-the-art Adaptus® Imaging Technology.



### Dolphin® 7900

Featuring flexible data capture capabilities and device reliability in a PDA-style form factor with a large display, the Dolphin 7900 is ideal for robust mobile applications requiring built in GPS technology and real-time voice and data communications.



### Dolphin® 7600

The most compact mobile computer in the series, the Dolphin 7600 offers a range of features and functionality superior to other devices in its class. By combining Bluetooth® and GSM/GPRS Edge technologies, the 7600 provides reliable real-time information access and exchange anytime, anywhere.



### Dolphin® 9550

The Dolphin 9550 mobile computer, with an integrated pistol grip handle for intensive bar code reading, delivers unparalleled performance for all mobile data collection applications.



### Dolphin® 7850

The Dolphin 7850 is a compact, handle-style mobile computer that is purpose-built for scan-intensive applications, and designed to deliver years of reliable performance for warehouse applications.



### 4800i/4820i

Featuring the power and versatility of a 2D imager, the 4800i and 4820i are built specifically for the rugged environments common in warehousing, distribution and transportation/logistics applications.



### 4800dr

The 4800dr is a full-featured document imager designed to digitize paper documents for simple and efficient paperless processing, storage, and retrieval. Featuring 100% solid-state technology, there are no moving parts that can fail or require routine maintenance – ensuring years of uninterrupted, trouble-free operation.



### 6300dpm

The 6300dpm combines specialized illumination, optics and decoding software that enable you to scan documents easily for storage. An ergonomic design enhances user comfort.

Warehousing/Cross Docking

## Software.

Our products work with a broad range of software to extend the capability of our products while easing development and deployment. All of our devices are based on a comprehensive understanding of real-world applications and what customers need to maximize productivity.

- **PowerNet Twin TE Client**

Designed specifically for WLAN devices, this software integrates with our Dolphin® Mobile Computers and Image Kiosks™ to enable customized functionality for wireless data collection including keyboard mapping, automated login capabilities and pass-through printing

- **ITScriptNet™ OMNI**

A simplified user interface that makes developing solutions on Dolphin® Mobile Computers and Image Kiosks™ both efficient and cost-effective. Developers can harness the data collection and communication technologies in our devices to create a variety of applications for inventory control, asset management, warehousing, and more

- **Power Tools**

Power Tools are software utilities on our Dolphin Mobile Computers that provide several out-of-the-box solutions for application development and deployment, including retrieving device information, customizing the user interface, working with the registry, networking, and passing bar code data to applications

## Strengthen driver productivity with SOTI MobiControl mobile device management.

Mobile management of Honeywell solutions offers a powerful, cost-effective tool to maximize uptime, simplify IT support and reduce costs.

- Enable IT staff to troubleshoot and resolve device problems from anywhere
- Ensure that IT support is available to every driver on the road
- Check software versions on all devices and update software by remote download
- Conduct application and hardware training no matter where the devices are

## Service Made Simple.

Service Made Simple is Honeywell's easy, hassle-free repair service for handheld scanners and Dolphin Mobile Computers. Available in three- or five-year programs, this coverage assures quality repair service conducted by qualified Honeywell technicians. And it's fast too. Your product will be serviced in three business days and returned to your site via overnight delivery.

- **Software Services**

Our software consultants and business solution partners work as an extension of your development team to understand your specific software application requirements and help you build an application that best suits your business needs

- **Equipment Configuration and Staging**

Device staging and configuration can be an extremely inefficient process to manage internally. We have the ability to save you time and money, improving your overall ROI—by providing devices completely configured for a full "out of the box" solution

- **Custom Hardware Configuration**

Specifically designed for enterprise-class customers with unique requirements, we offer the option to customize your hardware solutions in a variety of ways to optimize usability in specific applications

