



# Australia Post smart barcode solution

Information for eParcel online and Click&Send customers

In today's digital economy, Australian businesses and consumers needs are rapidly evolving. Australia Post is committed to supporting you and your customers, to help you succeed.

To ensure that our parcel network can continue to support growing demand, we are streamlining the processes involved in generating labels and updating the barcodes used to identify parcels and track them on their journey.

The smart barcode solution for domestic parcels won't impact the way our online customers lodge parcels, instead it will help us to respond to your changing delivery needs and those of your customers.

## Introducing the smart barcode

The Australia Post smart barcode is a 2D data matrix that is a globally recognised standard for barcoding. The smart barcode stores all of the information currently contained in our linear barcode, in addition, it can store the Delivery Point Identifier (DPID).

More information on page 2.

## What are the changes to the label?

**Parcel Post**

**To:**  
JOHN CITIZEN  
111 BOURKE STREET  
MELBOURNE VIC 3000  
Packing: **OWN** Maximum Weight: **22kg** Declared Weight: **10kg**  
Ph: 9123 1234  
Ref:

**From:**  
Australia Post  
JOHN CITIZEN  
10 SMITH ST  
CORIO VIC 3214

**Aviation Security and Dangerous Goods Declaration\***  
Sign here: \_\_\_\_\_  
\*I, the sender, acknowledge that this article may be carried by air and will be subject to aviation security and clearing procedures, and I declare that it does not contain any dangerous or prohibited goods, explosive or incendiary devices. A false declaration is a criminal offence.  
If this declaration is not signed this article cannot be carried by air.

[auspost.com.au/clickandsend](http://auspost.com.au/clickandsend)

**eParcel™ AUSTRALIA POST**

**DELIVER TO** PHONE: 03 9123 1234  
JOHN CITIZEN  
111 BOURKE ST  
MELBOURNE VIC 3000

**DELIVERY INSTRUCTIONS** **2.00kg**

**SIGNATURE ON DELIVERY REQUIRED** CON NO T7D0000756  
PARCEL 3

AP Article Id: T7D000075603000600204

**AP Article Id: T7D000075603000600204**

**SENDER** JOHN CITIZEN  
10 SMITH ST  
CORIO VIC 3214

**Aviation Security and Dangerous Goods Declaration**  
The sender acknowledges that this article may be carried by air and will be subject to aviation security and clearing procedures, and the sender declares that the article does not contain any dangerous or prohibited goods, explosive or incendiary devices. A false declaration is a criminal offence.

The new smart barcode including DPID information.

The linear barcode will be upgraded in-line with GS1 global standards and continue to store the article ID.

The barcode data and article ID will be slightly longer to accommodate the global standards.

**Note:** If you populate data such as article ID into your own systems, you may wish to check your internal processes to ensure they can accommodate the new standards\*.




## What is DPID?

Every address in Australia has a Delivery Point Identifier (DPID). This is a unique reference number that is linked to a specific address and will help us to sort parcels down to the delivery agent who will deliver it to your customer's door. The DPID is generated through address validation processes.

## How address validation works

As you begin to type a recipient's address, a drop down list with possible addresses will now appear.

By selecting from this list, you will confirm that the address matches one in our database. This will allow its DPID to be populated into the smart barcode when the label is created.

For eParcel Online customers, if you are importing a consignment/customer import file, address validation will happen in the background. If an address you enter does not match any in our database you will see this icon  in the invalid column. This will not stop you from progressing but you may choose to review the consignment and update the details as appropriate.



**You can still manually enter the address if you can't find one that matches.**

Address validation assists in streamlining parcel processing through our sorting facilities and will also lead to more accurate first time delivery.

**An accurate  
address means  
more accurate  
first time delivery**



## Benefits of the Australia Post smart barcode



### The smart barcodes are:

- developed to a global standard
- provisioned for increased data storage, allowing us to add fields we need today, as well as allowing room for future data
- more resilient when damaged, with a higher likelihood of being scanned if obstructed
- less sensitive to printer quality.

## Generating a smart barcode

If you use eParcel Online or Click and Send, you won't need to do anything. The smart barcode will be generated automatically when you lodge your parcel.

If you are an integrated customer, you will need to make some changes to your systems to access the new barcode. Your Australia Post Representative will discuss the options with you.