



# Omni-ID Zebra Printer Guide

| Successfully print the IQ Label tags.



At Omni-ID facilities, we have successfully encoded and printed the IQ Label tags with Zebra RZ400 and ZT410 models but in order to encode the EPC and print the barcode / human readable text with the same data, it is necessary to setup the data source to trail the RFID encoding by 1.

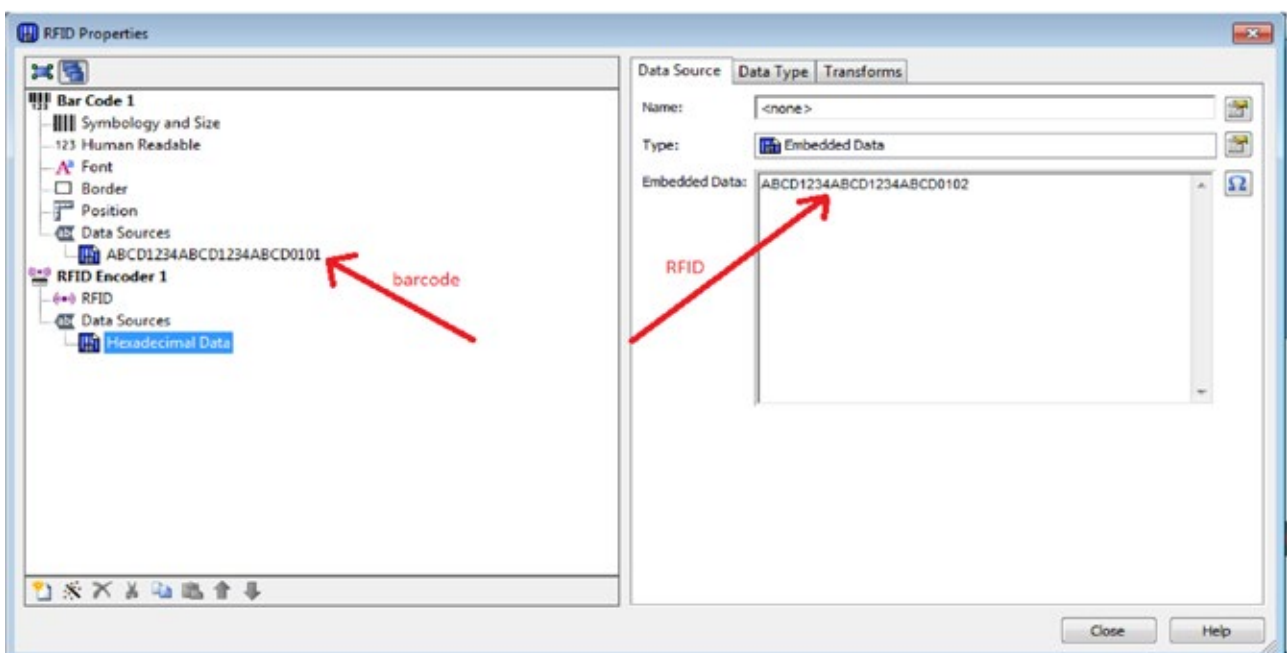
### Printer Settings – Zebra RZ400 & ZT410 printer (This does not apply to the Custom ZT410 printer.)

- 2 ips print speed
- Minimum printhead pressure
- Max darkness (30)
- Run Calibration
- A full resin ribbon must be used, such as a Zebra 5100 resin ribbon
- ZT410: Set backfeed to B0

This will calibrate to encode the label 1 behind the printhead, therefore it is necessary to setup the datasource for the barcode to trail the RFID encoding by 1.

### To start an encoding run

- Setup the sequence to be encoded ensuring that the series start number is entered into the RFID field
  - not the barcode field
- Set the barcode start value to (RFID -1 as screen shot below)
- Start to print – immediately discarding the 1st label from the roll as this will have a barcode value of 1 less than the required starting sequence (and will not be RFID programmed)





Intelligent Tracking & Monitoring Devices

Omni-ID is the leading supplier of passive, low-profile UHF RFID solutions. Through our patented technology, Omni-ID “cracked the code” to overcome the problems traditionally associated with RFID, enabling a broad range of new applications that improve accuracy and efficiency in asset tracking, supply chain management and work-in-process.

Our family of versatile RFID tags works reliably in the harshest environments, including on, off, and near metal and liquids and excels in solving tracking and identification challenges with unprecedented accuracy.

With offices in the USA, UK, Asia and India backed up by a purpose-built manufacturing facility in China, our mission is to drive the widespread adoption of RFID and wider IoT technologies as the optimal tracking and identification devices.

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