Intelligent Mail Barcode Resource Download Site

The Intelligent Mail barcode (formerly known as the 4-State Customer Barcode) is the next generation of USPS® barcode technology used to sort and track letters and flats. Intelligent Mail barcode technology, among other things, combines the capabilities of the POSTNET™ barcode and the PLANET Code ® barcode into one unique barcode.

Important Links

Windows and Mainframe Encoder Software and Fonts
Table of Service Type Identifiers (PDF/49KB)
Table of Barcode Identifiers (PDF/35KB)
Intelligent Mail Barcode Specification (PDF/646KB)
Online Encoder and Decoder
List of Resources (PDF/103KB)
OneCode™ Services

Intelligent Mail Barcode Specification (PDF/646KB)

Learn about the data content to be encoded, encoding rules to produce bars from data fields, physical dimensions of printed barcodes, and physical limitations on printing. The specification document (USPS-B-3200) also covers how the encoding and decoding algorithms work and provides sample programming code.

Online Encoder/Decoder

Use this online tool to quickly Decode (convert a sequence of bars into meaningful tracking and delivery point ZIP® information) or Encode (generate a barcode based on tracking and delivery point ZIP information) the Intelligent Mail barcode.

List of Intelligent Mail Barcode Resources (PDF/103KB)

Get information about the tools and applications available to you from the Postal Service™ as well as from vendors for creating and validating the Intelligent Mail barcode.

Encoder Software and Fonts

The Postal Service provides software support for 24 combinations of language environments (C, Java 2, COBOL, and PL/1) on 9 unique platforms (z/OS, VSE/ESA, OS/400, AIX, Linux, Solaris, HP/UX, Mac, and Windows). For printing Intelligent Mail® barcodes in a production environment, a variety of Intelligent Mail barcode fonts are available for 5 major production printing environments: AFP (MVS, AS/400, VM, VSE), HP PCL, PostScript, Xerox Metacode,

and TrueType. .

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