PAF/400
Postal Address Management Software for System i

Don't let your mail go in the wrong direction –
Make sure they are delivered to the correct address first time round and save money.

PAF/400
Postal Address Management Software

Royal Mail has developed a constantly updated database of postcode and address details that relates to England, Scotland, Wales, Northern Ireland and the Channel Islands. In addition, there are over one million named organisations held.

The Postal Address File (PAF) comprises a list of these addresses and their postcodes. There are over 2 million postcodes currently in use and over 28 million addresses. PAF is an invaluable tool for creating and maintaining mailing-lists and databases, helping you to reduce the number of returned or undelivered items, sharpen your customer profiling, and improve customer satisfaction. With PAF you can sort your mail with full and correct Postcodes, which could help reduce your postage costs.

The basic data is supplied by the Post Office, and, as a Value Added Reseller, 3X Software has taken that basic data and created addressing files for use on the IBM System i, iSeries & AS/400 computers, along with software to maintain and distribute it on a periodic basis (usually every 3 months).

Our system allows both postcode and address generation, depending on user requirements.
By using the system you can:
- Reduce keying time by reducing key strokes required to enter an accurate address
- Standardised address formatting
- Reduce errors and inaccurate data
- Improved perception by entering a full name and address with minimal input
- Find company addresses
- Reduce delivery costs by ensuring the goods are delivered to the correct address first time

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Key Features

- Faster Data entry so reducing keying time

- Accurate and Standardised address formatting

- Reduce errors

- Improved perception

- Find company addresses

- Reduce delivery costs by ensuring the goods are delivered to the correct address first time

To ease interfacing, APIs are provided which may be called to provide the following functions:

- Return an address from a given postcode

- Search on street name, with the ability to select a premise

- Translate the address from uppercase to lowercase

- Search on part of an organisation name

Return an address from a passed postcode

This module returns a full postal address when passed a Postcode and house name or number the parameters required are listed below, all parameters are character based – no numeric:

Input
- Postcode
- House Number/Name

Output
- Organisation Name
- Organisation Department
- PO box number
- Sub-Building
- Building name
- Building number
- Street name
- Street name
- Address line
- Locality
- Post town
- County
- Formatted address
- Return code

Search on (part) organisation name

Allows a search using all/part organisation name, plus all/ part postcode. If one match is found, it is returned; if more than one match is found, a screen showing all matches is shown, to enable selection.

Input
- Organisation Name/Part Name
- Postcode/Part Postcode
- Case Required (Upper or Lower)

Output
- Organisation Name
- Organisation Department
- PO box number
- Sub-Building
- Building name
- Building number
- Street name
- Street name
- Address line
- Locality
- Post town
- Postcode
- Formatted address
- Return code

Search on thoroughfare

This module allows a search on thoroughfare, with the ability to select the premises, or search by organisation name

Input
- Street 1
- Street 2
- Location 1
- Location 2
- Location 3

Output
- Organisation Name
- Organisation Department
- PO box number
- Sub-Building
- Building name
- Building number
- Street name
- Street name
- Address line
- Locality
- Post town
- County
- Postcode
- Formatted address
- Return code

Translate an address from uppercase to lowercase

This module is straightforward allowing you to pass a parameter allowing for a full address with up to 600 characters and converts to lowercase format.

Technical Specifications

System i , OS/400 versions V4R5 to V6R1
Data supplied quarterly either on tape of CD

About 3X Software

Founded in 1981, 3X Software offers a range of support and packaged solutions for all industry sectors. 3X has worked with nearly every type of industry over the years but with the one common factor – IBM midrange systems from system/34, system/36 system/38, AS/400, iSeries, i5, System i and more recently announced IBM Power Platform.

Today one of our specialities is the retail environment with our major products being focused in this area, those being our Credit Card Payment, Encryption and Postal Address Management products.

Our solutions have been installed in companies as diverse as a market leader in Health Foods and Vitamins, a household name in the production of fine ceramics, a mechanical digger parts supplier, High Street Retail, Insurance and Manufacturing.

With our experience in supporting customers on all versions of IBM midrange systems we are well placed to offer ongoing maintenance and development of your systems, regardless of whether they are legacy or the most up to date of systems. Our proven expertise, combined with strategic partnerships with hardware and software suppliers within the IBM community, enable us to provide a full range of common sense solutions.