Postal Authority Solutions











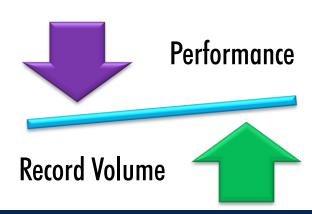
The Problem



On Average 20% of the overall mail stream is unrecognizable due to misspelling, abbreviated street & city names, and/or improperly addressed/structured.

Current directories require you to tradeoff adaptability & record volume vs. performance by forcing you to incorporate stringent data management policies to achieve high assignment rates





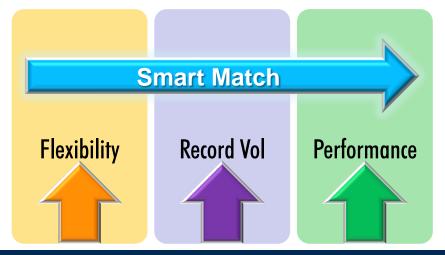


The Solution



Smart Match was developed to optimize our OCR Engine to finalize more outgoing or incoming mail by accurately adapting and correcting various degrees of address corruption

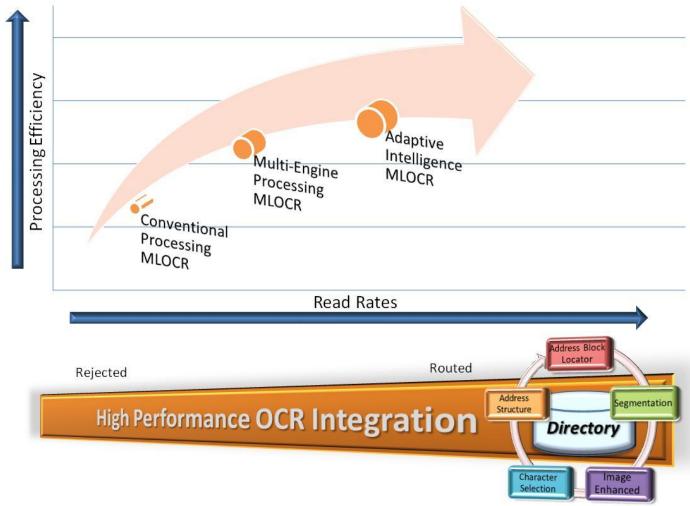
Our technology reduces the level of character noise, extracts all relevant envelope data, and then uses fuzzy logic, sophisticated pattern matching algorithms, and flexible search rules to maximize the number of assignments





Advantages of OCR Integration



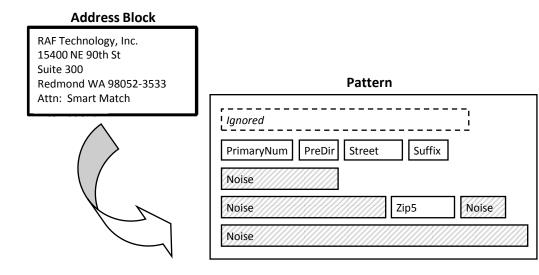




Key Smart Match Features



- o Eliminates Character Noise with reduces errors
- o Differentiates multiple aliases for a name (e.g. abbreviations or historic names)
- o Flexible search rules that can define multiple address block patterns
- o Provides an address & reverse look-up utility which can debug routing issues
- o Output data can be customized (e.g. Postcode, standard address carrier route, or GPS)
- Supports outgoing & incoming applications
- o Includes a Std. VES interface
- Fully integrates all domestic and foreign Postal Authority data



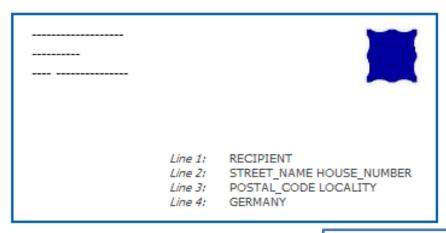


Smart Match Example

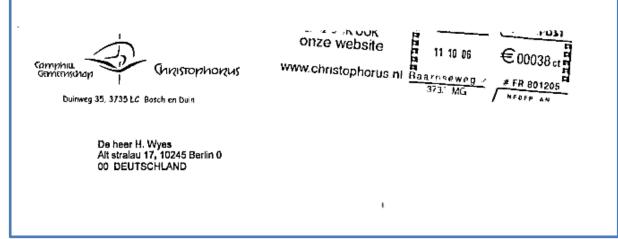
Smart Match

Germany

Address format



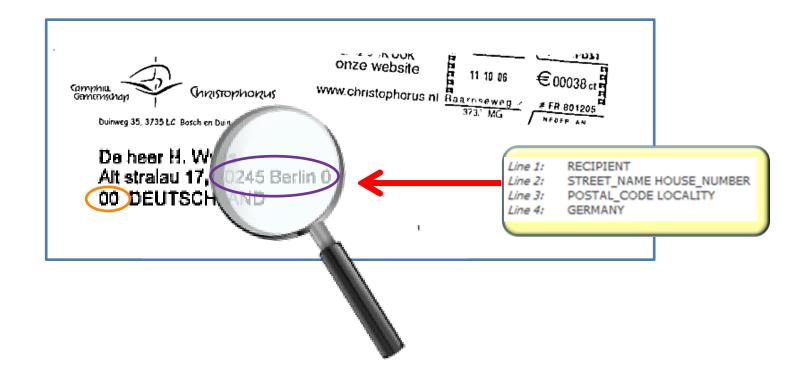
Actual Mail Piece Image





Record Analysis





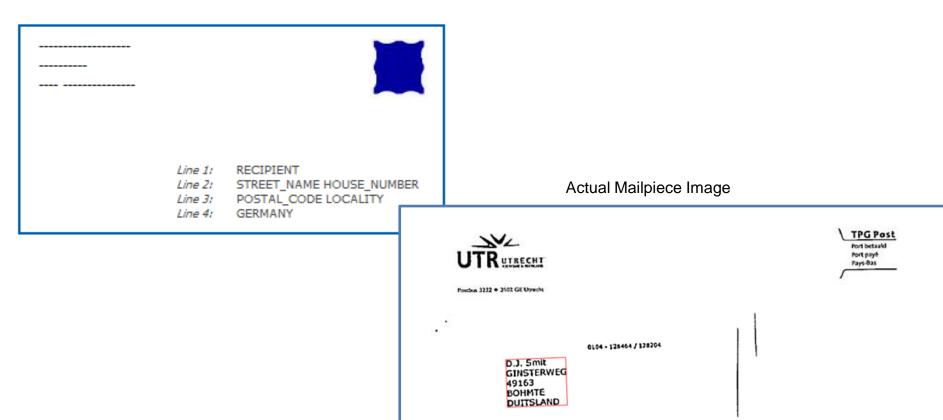


Smart Match Example #2

Germany



Address format





Smart Match Example #2

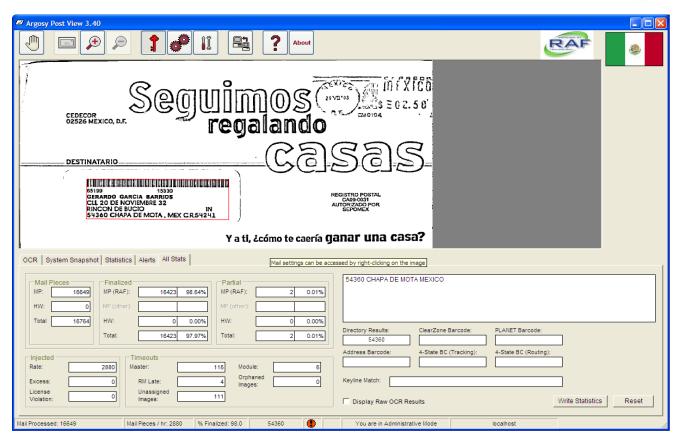






Smart Match Mexico Example #3







Smart Match UK Example #4



Argosy Post View 3.40	
About ? About	
Name and address RadcliffeeLebraseur S dreat College Street Westainset Lendon Swip 383 OCR System Snapshot Statistics Alerts All Stats	
Mail Pieces	GREAT COLLEGE STREET LONDON SWIP 38J
Total: 16500 97.95% Total: 2 0.01%	Directory Results: ClearZone Barcode: PLANET Barcode: SW1P 3SJ Address Barcode: 4-State BC (Tracking): 4-State BC (Routing): Keyline Match: Display Raw OCR Results Write Statistics Reset
Mail Processed: 16726 Mail Pieces / hr: 3600 % Finalized: 98.0 SW1P 3SJ	You are in Administrative Mode localhost



Smart Match Spain Example #5

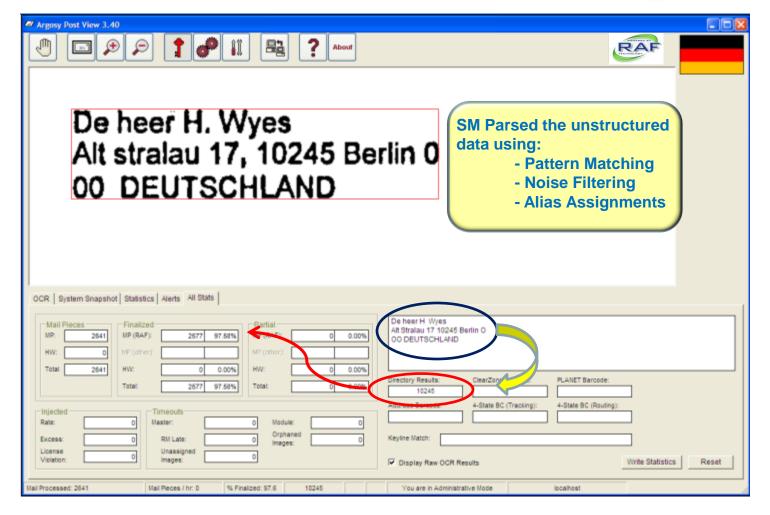


Argosy Post View 3.40	
About ? About	RAF
~	
TELECOM ASSESSMENT	
E A E	
Escuela de Administración de Empresas milio Avda de la Canedral, 6 y 8 08002 BARCELONA	
OCR System Snapshot Statistics Alerts All Stats	
Mail Pieces Finalized MP (RAF): 16850 98.63% MP (RAF): 2 0.01%	CALLE DE PAU CLARIS 161 08037 BARCELONA
HW: 0	
Total: 16650 97.93% Total: 2 0.01%	Directory Results: ClearZone Barcode: PLANET Barcode: 08037
Timeouts	Address Barcode: 4-State BC (Tracking): 4-State BC (Routing):
Excess: 0 RM Late: 4 Orphaned Images: 0 License Violation: 0 Unassigned Images: 117	Keyline Match: Display Raw OCR Results Write Statistics Reset
Mail Processed: 16881 Mail Pieces / hr: 3600 % Finalized: 97.9 08037	You are in Administrative Mode localhost



Record Finalization

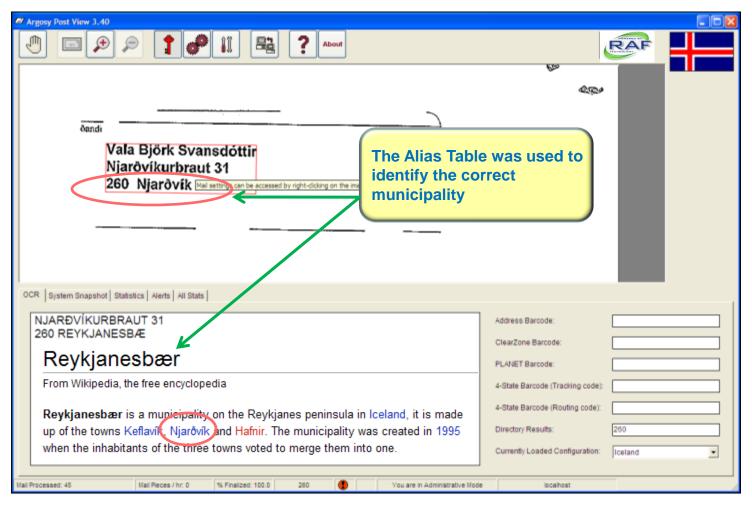






Alias Table







Address Look-up



Smart Match-i Address Lookup Utility	
RAF Smart Match-i Configuration and Directory Data Configuration Selection: Barcelona with UPU Data - 1.0 Active Directory Name: Barcelona UPU Data File: Barcelona Upu.sdf Create Date: 2008/09/16 20:16 (UTC) Data Compiler: 99.99.99.9999	Lookup Address Select DR(s) Exit
Address Lookup Reverse Lookup C/Provenza 122 08029 - BARCELONA >>>>> Finalized :: Finalized < 6ms> <<<<	
Pattern Matched 'Street3b' - Level of Sort(1) Parsed Address:	
Finalized],;



Customizable Outputs







Video Encoding Server



