



AD SumsExpert™ Application

AliusDoc Sort, Capture and Index Product Platform

AliusDoc SCI™ is a .NET Windows-based architecture system designed to automate the entry and validation of data from structured and unstructured forms as well as white mail correspondence. The ultimate objective is to automate manual data entry, manual pre-processing, image classification and form identification while streamlining the data entry process, reducing operational costs, and increasing productivity.

AliusDoc SumsExpert™

The AD SumsExpert™ uses your business logic to automatically correct data capture errors in fields eliminating costly manual correction. It reduces three types of manual data entry:

- Fewer sets of fields are forced to data entry just because of a single character error.
- When a set of fields still can't be validated or corrected, fewer "low confidence" characters are forced to data entry,
- Fewer sets of fields skip manual validation that previously would have been marked as valid.

AD SumsExpert™ can be easily used by any existing ICR/OCR system that allows you to write business rules and use .NET, an external Windows .dll or an OCX. A Quick-start kit is specifically available for the EMC/Captiva's FormWare product.

How does it work?

AD SumsExpert™ uses all the information your ICR vendor produces about recognized fields. This includes first-choice numeric characters, confidence ratings, secondary choices for each numeric character and their confidence ratings, if available.

Using proprietary algorithms, it determines when it is appropriate to substitute a secondary-choice numeric character, while virtually ensuring that the results are correct.



(508) 816-3650

E-mail: InfoRequests@aliusdoc.com

www.aliusdoc.com



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Accuracy is maintained, and even improved over simple math crosschecks, by attempting multiple substitutions. If more than one substitution results in everything adding up, then only the differing numeric characters are flagged for manual verification.

Field	Original data	Corrected data
1040_1_7	'42528'	'42528'
1040_1_9	'0'	'0'
1040_1_17b	'3718'	'? 3218'
1040_1_23	'45746'	'45746'

About AliusDoc

AliusDoc was founded in 2005 by former employees of Captiva Software Corporation and possesses over fifty combined years of experience with document imaging, data capture, I/OCR technologies, forms design and extensive knowledge of forms processing applications within the horizontal marketplace as well as specific vertical application expertise within the healthcare, financial and government sectors.

AliusDoc offers forms processing solutions as well as professional consulting services and business process outsourcing. For more information, visit us at www.aliusdoc.com or email us at InfoRequests@aliusdoc.com.



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