



InputAccel™

Improving Information Usability Across the Enterprise

Enterprise-level Document Capture

InputAccel/ by EMC Captiva® is a complete document capture solution designed to provide businesses with a more effective method of handling the various types of incoming information that feed their enterprise applications. InputAccel/ automatically captures data from paper documents, faxes, e-mails and XML data streams and validates the information for accuracy before exporting it to database and enterprise content management systems.

The Big Picture

InputAccel/ will help your company reduce the costs associated with transforming external, printed data into business-ready content.

With InputAccel/, save time by speeding the flow of usable information into your enterprise, save money by dramatically reducing manual labor (e.g., data entry) costs, improve the accuracy of incoming information and improve customer service.

Save Time, Reduce Costs and Increase Accuracy

By helping businesses eliminate the time and expense of manual data entry and reducing the opportunity for processing errors, InputAccel/ serves as both a cost containment and business process improvement measure that helps businesses gain quick and easy access to critical business data while at the same time improving productivity. The result is a faster and more efficient means of managing information that saves businesses both time and money.

InputAccel/ Custom Captureflows

InputAccel/ allows administrators the flexibility to design customized captureflows employing several methodologies, including process wizards, VB scripts, SDKs and source code. Typical Captureflows could include the following modules:

IMAGE ENHANCEMENT - Once documents have been imported or scanned into the system, InputAccel/ implements a rigorous, fully automated image enhancement process. Image enhancement may involve de-speckling, "noise reduction," deskewing, page orientation and border removal, as well as more than a dozen other image pre-processing functions.

CLASSIFICATION - InputAccel/ utilizes EMC Captiva's leading page and document identification technology to perform classification. Captiva's unique classification technology employs a variety of different methods to identify document types, including both high-precision text- and image-based analysis techniques. By allowing multiple types of classification to be performed, Captiva solutions are able to operate faster and identify more documents than competing products which rely on only one form of classification.



DATA EXTRACTION - InputAccel/ uses multiple recognition technologies to automatically extract data from documents.

VALIDATION - Extracted data is validated against existing data contained in ERP, ECM or other information repositories to ensure data accuracy.

EXPORT - InputAccel/ provides API-level enterprise-specific export modules for Documentum[®] Content Server, Global360, IBM Content Manager, and OpenText Livelink. InputAccel/ also supports universal exports such as File System, PDF, and XML. It also provides ODBC exports to leading database vendors such as Microsoft, Oracle, Informix and Sybase.

The Strength of the InputAccel/ Server

InputAccel/ is a true client/server architecture that utilizes clients to process work while data resides safely on the server. InputAccel/'s ScaleServer technology works as a virtual manager, automatically routing incoming data to the appropriate client workstations and providing complete workload balancing to ensure maximum productivity and avoid bottlenecks. Using a push-based processing protocol, InputAccel/ assigns tasks to workstations to ensure no machines sit idle.

InputAccel/ employs parallel processing technology which allows multiple clients to work on the same batch at the same time. Documents themselves can be virtually disassembled to allow processing tasks to be delegated simultaneously to specific workstations before being routed back to the InputAccel/ Server for re-assembly and completion.

InputAccel/ is 100% scalable and can be deployed at a departmental level and easily scaled to an enterprise-wide solution when processing demands reach hundreds of thousands of images per day. InputAccel/ runs on the Windows Platform (XP, 2000, 2003) and supports Encrypted File System (EFS) and Microsoft Clustering Services for high-availability failover needs. The InputAccel/ Server provides a single-point administration console, eliminating the need for complicated and error-prone multi-module administration configurations. A flexible installation process allows administrators the ability to tailor the system by installing only the modules necessary to suit their specific business needs.



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More Information from More Locations

InputAccel/'s distributed capture capabilities allow system users to import images and data from any scanner, fax machine, file system, multi-function scan device or Web browser. InputAccel/'s distributed capture strength allows resources to be effectively utilized wherever they are available.

InputAccel/ in Action

One of the best examples of InputAccel/ in action applies to mortgage documents. Lenders know that processing loan applications is a paper-intensive business. In many cases, loan documents can number in the hundreds of pages, and when volumes of those incoming documents begin to reach a high threshold, efficiency of operations becomes critical to success. Staying ahead of the competition means responding quickly and accurately to loan applications in an efficient and cost-effective manner. InputAccel/ helps lenders optimize the processing of loan applications by automatically extracting and validating the large quantity of complex financial data they contain and transforming it into useable, retrievable information.