

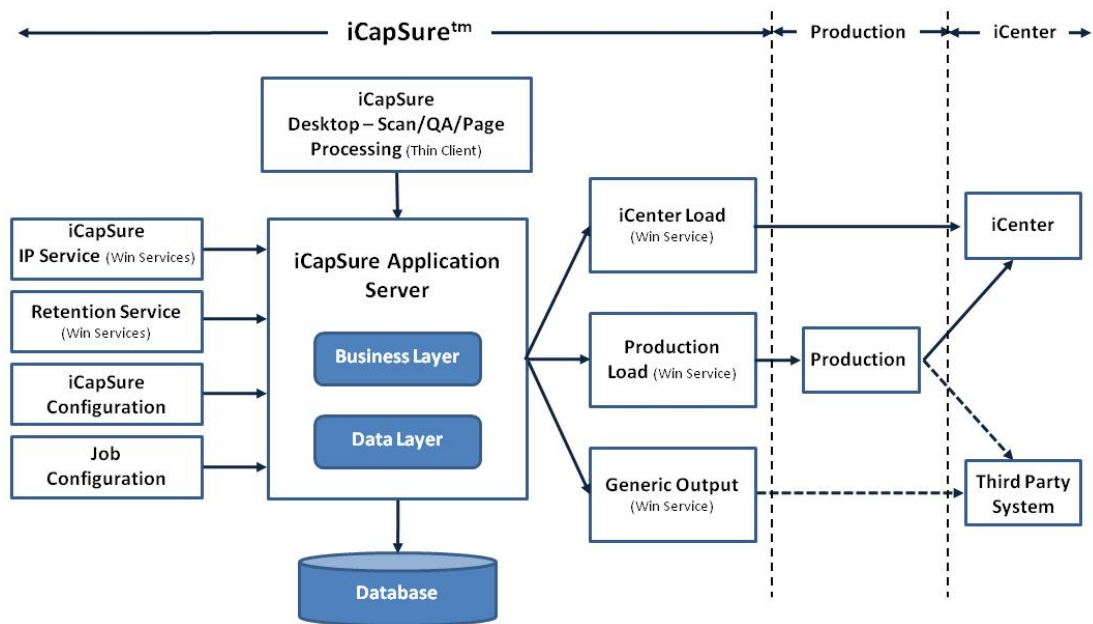
iCapSure™ Software Enables Modular, High Throughput Image & Data Capture



Daily government work is rooted deeply in paper. Despite steady advancements into digital documents and web-based interactions, by necessity many services and government records in general remain paper-based. This challenges government entities to convert millions of pages of documents to digital format in order to leverage digital business processing technology and automation to improve the delivery of services to the public.

Image API created the iCapSure™ software to support the high volume, high quality front end intake and conversion of paper documents to digital formats. Based on our knowledge of government processes and needs, we developed the system in a way that fully supports the back office processing services of staff. The system provides a modular scanning system with snap on components for practically any capability needed, from document intake through scanning, quality control, reporting, security, and output.

Image API has developed dozens of business process improvement applications for government agencies using our Enterprise Content Management solutions. The applications are often tightly integrated with new or legacy applications and provide a central repository or “single point of truth” for information previously stored in disparate systems. By freeing paper from its physical form, Image API’s applications have improved access to information, increased productivity, and met legislative mandates for more than 18 years. Our applications are so successful that they have been the foundation technology for state government/Image API partnerships winning two Davis Productivity Awards.



iCapSure converts paper to a wide range of document types, using all types of scanning equipment. The application supports hard copy paper, microfilm, large format drawings, books, continuous form documents, and more. The system records scan operator, date and time, batch, location, client, document description, and ANSI target to ensure that conversion efforts meet the requirements for the legal scanning of documents. The system's image processing capabilities allow organizations to apply a range of technologies for image enhancement, data extraction, intelligent document classification, barcode detection and reading, auto page orientation, blank page deletion, and more.

iCapSure scales from desktop to commercial production systems. Functionality can be added as the needs of the organization change. The scanning component enables a multitude of behind-the-scenes capabilities that expedite both scanning speeds, image quality, consistency, security, and load. The simple interface allows users to set up jobs quickly. The system supports any ISIS or TWAIN compliant scanner. Multiple outputs are available on the fly allowing for color, black and white output, gray scale, and numerous file formats captured all at once. The image security feature means that batch locations are not available to scanner operators to prevent the deletion of large quantities of images without administrator approval.

iCapSure is built on a .NET platform that is easy to implement and integrate, completely scalable, and more affordable than our competitor's solutions. The iCapSure design concept differs from the competitions' one size fits all architecture. The simplicity of the design creates integration points for best of breed tools that are brought to bear on a wide range of information challenges.

iCapSure Architecture

- iCapSure is built on multi-tier technology using Microsoft .NET/SQL Server
- iCapSure Application Server is the heart of the system
 - a. Centrally managed business rules/functionality/complexities
 - b. Controlled Security
 - i. To Database
 - ii. To File access
 - c. Ease of deployment
- Scalability
 - a. Multiple Application Server Support
 - b. Multiple IP Services running at the same time
 - c. Connect to multiple External Systems
 - d. Support Multiple iCapSure Desktop Clients
- Integration with other systems
 - a. iCenter
 - b. Production
 - c. Other third-party systems

iCapSure Desktop

1. Thin client application (workstation need not be powerful)
2. Simple, user friendly easy-to-use application
3. Target Page Scan (ANSI) Compliance
4. Supports any ISIS or twain scanner
5. Image QA with multiple statistical sampling models.

6. Page Processing QA
7. Faster scanning
 - a. With thumbnail scanning
 - b. With deferred IP/Page Processing

iCapSure Image Processing (IP)

1. Scalable multithreaded windows service
2. Barcode detection and reading
3. Blank page detection
4. Scanfix (Image deskew, Despeckle, Black Border Removal, hole punch removal)
5. OCR
6. Classification
7. Auto Page Orientation
8. Image Conversion

Production Indexing

1. Ability to connect to different production systems
2. Ability to index different jobs with different indexing requirements
3. Supports three index types
 - a. Regular
 - b. Phased
 - i. Phase1/Phase2
 - c. Double
 - i. DE1/DE2/Reconcile
4. Image QA with multiple statistical sampling models.
5. Ability to perform internal QA and external QA
6. Auto Index Partial
7. Auto Index Complete
8. Supports Exception handling (Index/QA/Auto Index)
9. Ability to split/merge documents
10. Ability to crop/redact images
11. Ability to index at page/document/folder/redwell/batch level
12. Ability to hold index values at any level
13. Ability to use Indexing Application as Remote Application

QA Sampling

1. Based on statistical sampling models.
2. Provides multiple sampling models based on Inspection Level
3. Each sampling model provides varying sample size and accept/reject/cease limits based on range of items to QA

Contact Image API

Image API helps you stay focused on what's most important to your organization. For more information, go to www.ImageAPI.com or call 1-877-560-4274.