



# ImageNet™ DataCapture

One Tool, Many Document Types

ImageNet™ Data Capture enables applications to extract any type of data from any type of document.

Mitek's ImageNet™ Data Capture is the only toolkit needed to locate and then capture machine-printed data as well as recognize hand printed (ICR), bar coded or check mark data (OMR). That means it works on unstructured documents such as invoices and contracts as well as structured documents such as insurance claims and tax forms.

### ► Built for Rapid Development and Deployment.

It not only works on any type of scanned document, it also works in just about any programming environment. That's because ImageNet™ Data Capture leverages Mitek's Microsoft® .NET®-based ImageNet™ platform. ImageNet™'s Service-Oriented Architecture (SOA) means application developers and integrators can add more than a dozen capabilities to their existing document imaging applications, or run them separately in a Web browser or rich client. And ImageNet™ exposes all this functionality through a single Application Programming Interface (API).

**Mitek Bank**

CHRIS NANS  
9808 4512 5588 7447  
June 18, 2011 - July 17, 2011  
Page 3 of 6

| Posting Date                                      | Transaction Date | Description                            | Reference Number | Amount            |
|---|------------------|--|------------------|-------------------|
| 06/20   | 06/16            | DM* DELL SMALL BUS 600-456-3355 TX     | 5543268118900036 | 199.75            |
| 06/20   | 06/20            | DM* DELL SMALL BUS 800-456-3355 TX     | 5543268117100074 | 423.96            |
| 06/21   | 06/20            | BANKERSTUFF 08665998234 WI             | 5553907117120741 | 249.00            |
| 06/22   | 06/21            | GOOGLE *Android Market google.com/vhCA | 5543268117200010 | 25.00             |
| 06/30   | 06/29            | BANKERSTUFF 08665998234 WI             | 5553907118000741 | 229.00            |
| 07/04   | 07/02            | DM* DELL SMALL BUS 600-456-3355 TX     | 5543268118300028 | 169.00            |
| 07/04   | 07/01            | ICONTACT CORPORATION DURHAM NC         | 2514061118300302 | 109.00            |
| 07/04   | 07/04            | Amazon Web Services aws.amazon.com/WA  | 5543268118500066 | 503.07            |
| 07/05   | 07/04            | D J WALL ST JOURNAL 800-566-7625 MA    | 5543268118500094 | 98.82             |
| 07/11   | 07/08            | CA SECRETARY OF STATE 916-6533775 CA   | 5543687118915189 | 25.00             |
| TOTAL PURCHASES AND OTHER CHARGES FOR THIS PERIOD |                  |  |                  | <b>\$3,663.99</b> |

  

|           | Annual Percentage Rate | Balance Subject to Interest Rate | Finance Charges by Transaction Type |
|-----------|------------------------|----------------------------------|-------------------------------------|
| PURCHASES | 18.99%                 | \$0.00                           | \$0.00                              |
| CASH      | 19.99% V               | \$0.00                           | \$0.00                              |

V = Variable Rate (rate may vary), Promotional Balance = APR for limited time on specified transactions.

| Cash Rewards for Business Summary |          |                 |                 |
|-----------------------------------|----------|-----------------|-----------------|
| Beginning Balance                 | 1,961.08 | Monthly Bonus   | 0.00            |
| Earned                            | 37.35    | Transferred In  | 0.00            |
| Redeemed                          | 0.00     | Transferred Out | 0.00            |
| Adjustments                       | 0.00     | Ending Balance  | <b>1,998.43</b> |

To redeem your cash rewards call 1.800.873.1044, or visit www.bankofamerica.com

ImageNet™ Data Capture enables applications to extract any type of data from any type of document

### ► Data Capture Benefits

- ◆ One tool does it all: No need to buy and learn multiple toolkits to get the job done.
- ◆ Finds and captures data even if its location is unknown.
- ◆ Increases accuracy and efficiency of document processing.
- ◆ Slashes data entry labor costs by up to 90 percent.
- ◆ Automates processing of the widest range of documents: structured or unstructured.
- ◆ Text recognition engines can be tuned to maximize application-specific accuracy.
- ◆ Achieves the highest overall accuracy.
- ◆ Processes grayscale and bi-tonal document images.
- ◆ Web-enabled architecture works in distributed or centralized environments.
- ◆ Robust and scalable: Proven in high-volume, mission-critical document processing applications.

### ► Data Capture Plus Benefits (in addition to above):

- ◆ Identifies tables, including multiple tables per page
- ◆ Identifies rows and columns automatically
- ◆ Deals with variable column order and presence
- ◆ Extracts data based on data format and/or column header



## ▶ ImageNet™ Data Capture Features

### Recognition

- ◆ Machine Print (OCR): Recognizes a variety of fonts and styles.
- ◆ Hand Print (ICR): Recognizes constrained and unconstrained characters.
- ◆ Check box (mark-sense or OMR)
- ◆ Barcodes: Supports both 1D & 2D (Add-on)
- ◆ Alpha-numeric patterns: Locates and extracts Social Security Numbers, addresses, etc.

**Image processing** — Mitek's deep experience in image enhancement maximizes both human and machine readability.

- ◆ Straightens and crops the page.
- ◆ Registers (aligns) data fields.
- ◆ Removes lines, borders, backgrounds and unwanted text.
- ◆ Repairs Broken Characters.
- ◆ Separates Touching Characters.

### Broadening the Scope of Document Processing

- ▶ Many business processes involve a mix of both structured and unstructured documents. For example, mortgage processing requires a structured application form, an unstructured contract and dozens of other document types. These documents don't look alike but they may have common data elements, such as a loan number or the borrower's name. Now data can be extracted automatically in this scenario using a single toolkit.

ImageNet Data Capture can extract hand printed text (ICR) and check marks (OMR) from structured forms such as the tax return above. However, it can also dynamically extract machine printed data by searching for (OCR) key words, alphanumeric patterns, e.g. Social Security #, or both, in structured and unstructured documents.

## ▶ ImageNet™ Data Capture Plus Now Reads Tables!

ImageNet Data Capture Plus SDK can now find tables in a document and extract all the data automatically within them while maintaining the row and column organization. All you have to do is tell ImageNet which columns you are interested in—one or all—and it does the rest.

## ▶ How it Works

ImageNet™ Data Capture leverages Mitek's years of image analytics leadership. It extracts data from any type of document by searching for application-specific keywords, the pattern of a data field (e.g., Social Security Number) or both. It can find key words or patterns even if various document designs place the fields in different locations. Key words and patterns are specified during creation of a document description file, which ImageNet™ Data Capture uses during its search for data fields. After field locations and data types are identified (e.g. machine text), it recognizes and returns the data.

## ▶ Contact Mitek Today

Contact Mitek Systems at **858.309.1700** or [sales@miteksystems.com](mailto:sales@miteksystems.com) today to learn more about its range of ImageNet™ solutions.

### Software Development Kit (SDK) Highlights:

- ◆ Single API
- ◆ .NET® interface: all .NET® languages supported
- ◆ Legacy interfaces for easy migration
- ◆ Web-enabled: Can run as a Web service
- ◆ Rich Client or browser-based applications
- ◆ COM/COM+/DCOM interfaces
- ◆ Automatic load balancing uses all CPUs
- ◆ Ready-to-run sample programs included

### System Requirements:

- ◆ Intel Core 2 Duo™ or newer CPU, 2 GHz or faster
- ◆ 1 GB RAM (2 GB for web server)
- ◆ 256 MB disk space for software
- ◆ Windows XP Pro / Windows 7 / 2003 Server / 2008 Server (32-bit mode)
- ◆ Visual Studio 2005 Pro or newer