

What's new with Capture and Imaging?



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Topics

- Capabilities at a glance
- Mobile Capture Capabilities
- MFP and “Transactional Capture” support
- High-speed ingestion
- New deployment tools
- New Ways To Extend Datacap

Datacap Capabilities at a glance

Multi-channel distributed capture on any device

Content Navigator

Document and data delivery

Datacap

Electronic documents

Archive

High-Speed import
C:\Input\Images

Mobile

High-Speed Scanner

MFP

Email

Network Scanner

Fax

Image Cleanup

Convert

Document ID

Classify

Redaction

ICR

OCR

OMR

Barcode

Database Lookups

Math Calculations

Business Rules

Verify

Export Formatting

Annotate

Case Mgr.

SharePoint

CM8

P8

SAP

ORACLE

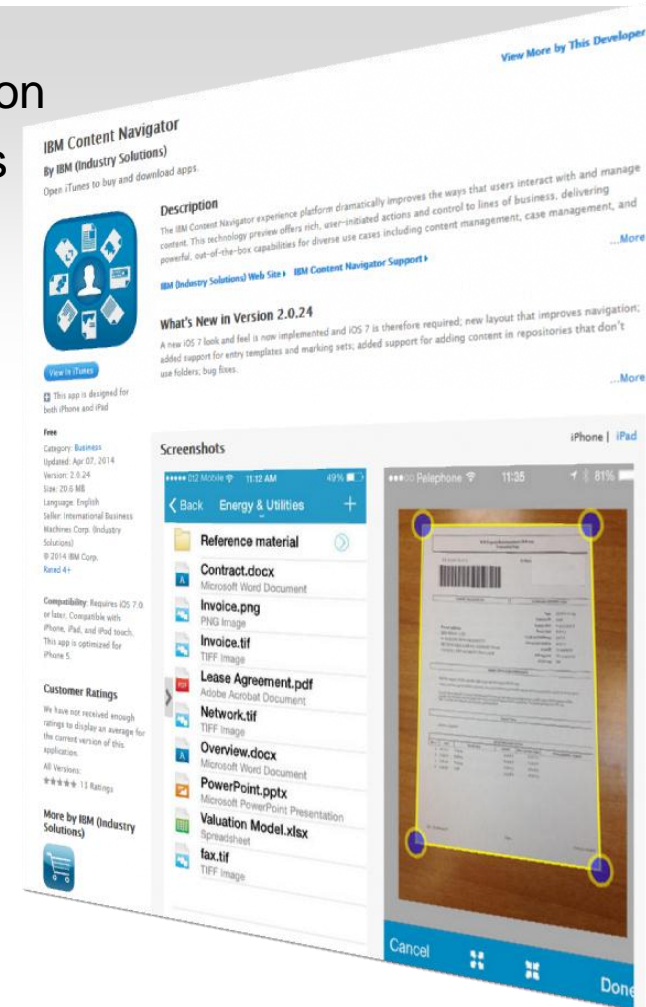
Business Process

Web Portal

On demand document requests from LOB

Datacap mobile capture using IBM Navigator Mobile

- Mobile capture of images straight into Datacap application
- Snap, batch up/reorder, index, upload document images
- Auto edge detection/manual adjust, auto-dewarping
- Quality detection and image setting adjustments
- Monitor batch status after upload
- iOS 7 and above
- Supported on iPhone and iPod Touch 5 and above
- Native Objective-C
- Interfaces with Datacap via Web Services
- Available on iTunes Apple app store



Integrate Datacap mobile capture into your own app

- Controlled source code release on IBM JazzHub
- Documented
- Same functionality as shrink-wrap app
- On iOS 7 SDK (iPhone only)
- Objective-C; XCode Project
- Includes UI, control logic, Datacap server integration and image processing
- Leverages OpenCV and Boost libraries for iOS (bundled)
- Datacap functionality encapsulated in 2 classes
 - Capture REST client: application, profiles, connect, upload documents and properties, monitor
 - Image pre-processing: detect image corners, crop and de-warp, quality detection, etc.



Demo Time!



Distributed secure MFP capabilities

- IBM Partners with two of the leading MFP Capture solutions in the market

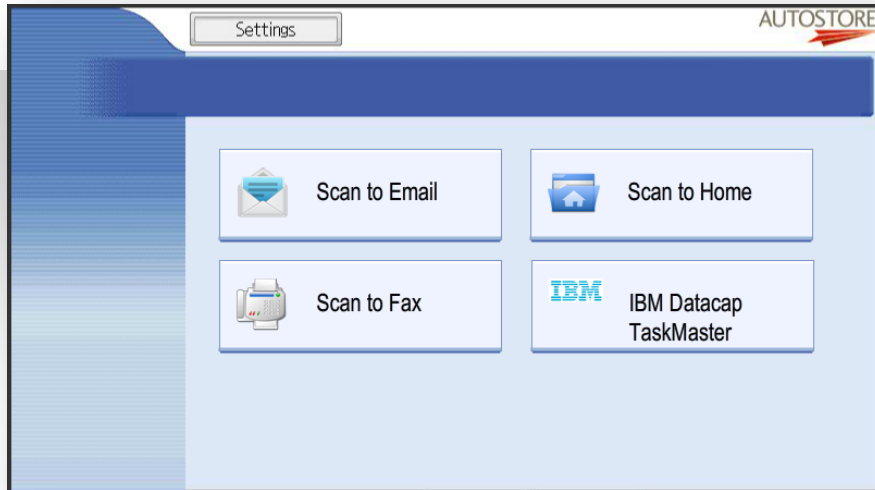


- Enabling best-of-breed solutions for our clients, offered by IBM
- Broadest support for MFP devices... hundreds of models
- Full Security and Chain of Custody



* Based on market share, AIIM study, and Gartner report

Sample MFP Screens – Sign-in Controls Security and Level of Capture



- Easy to understand “app-like” MFP menus trigger a capture workflow
- Present workflows unique to the individual, depending on their rights
- Indexing on the panel with back-end lookups, Picklists
- Image + Index information is forwarded to IBM Datacap for processing and routing on to other systems
- Full Security and Chain of Custody

Sample MFP Screen – Buttons are Customizable



Integration of IBM Datacap into MFP Panels

Extend Advanced Capture to the document's Point of Impact



Hundreds of
Models



IBM Datacap



LOB Solutions
ECM repositories
Case Management

Benefits:

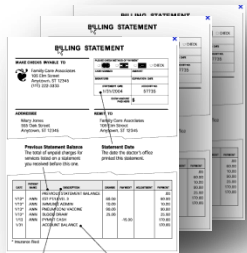
- ✓ Stop the Couriers!
- ✓ Accelerate availability of document
- ✓ Correct errors **where** they happen
- ✓ Reach out to customers with 'document request'
- ✓ Full security and chain of custody

Onboarding

Documents:
Proofs of address,
income,
Identification,
Applications,
order forms,
statements etc.

Scan Customer Documents from Branch Office

- Supports MFPs, portable scanners, Mobile devices
- Converts e-mail or PDFs, Microsoft attachments to image
- Document request prompts make it simple for branch personnel
- Secure log-in and encryption provide security



Classification / OCR with Datacap

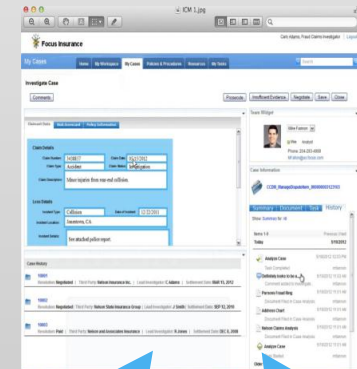
Doc ID Application

- Are all required documents present?
- Are all required fields and signatures present?
- Are proper index values assigned to each document type for search and retrieval?



Populate Customer Account Information

- Customer file is populated with all customer information
- Customer Service/Employees have all documents and data required for the customer



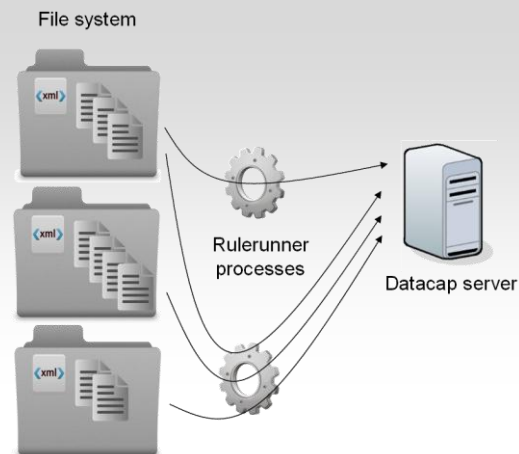
Customer Service Personnel



Bank Branch Employees

High-speed import and index from file system (mvscan)

- Multiple Rulerunners can share input folders
- Handles very large input folders
- Any file types supported
- Nested folders supported
- Index information in XML description files
- Easy transition for FileNet Capture customers
- XML sample:



```
<input>
  <item name="Invoice1" vendor_number="TS265329" vendor_name="Busy Car Repair" invoice_number="28100"
    <filename>C:\Datacap\APT\images\Input\Invoice_0001S1.tif<filename>
    <filename>C:\Datacap\APT\images\Input\Invoice_0002S1.tif<filename>
  </item>
  <item name="Invoice2" vendor_number="TS278534" vendor_name="Trucking Co" invoice_number="876-3456"
    <filename>C:\Datacap\APT\images\Input\Invoice_0003S1.tif<filename>
    <filename>C:\Datacap\APT\images\Input\Invoice_0004S1.tif<filename>
  </item>
</input>
```

- Values transferred to Datacap variables:

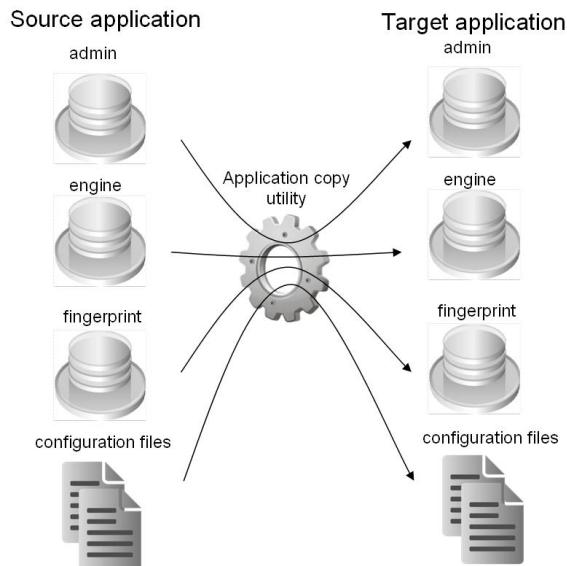
```
Meta_Item_name = "Invoice1"
Meta_Item_vendor_number = "TS265329"
Meta_Item_vendor_name = "Busy Car Repair"
Meta_Item_invoice_number = "28100"
```

```
Meta_Item_name = "Invoice2"
Meta_Item_vendor_number = "TS278534"
Meta_Item_vendor_name = "Trucking Co"
Meta_Item_invoice_number = "876-3456"
```

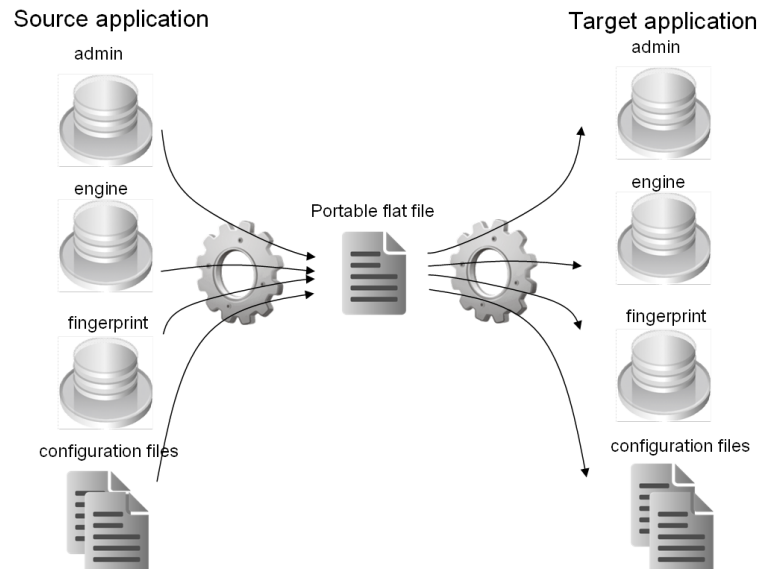

Deploying Datacap applications

- Copy to new application, or to new or existing (update) environment
- Preserves environmental configuration of destination during updates
- Deletes environmental configuration when creating new app or environment
- Command line for automated / repeated operation
- Convert database types (MS-Access, MS-SQL Server, Oracle)

Online mode

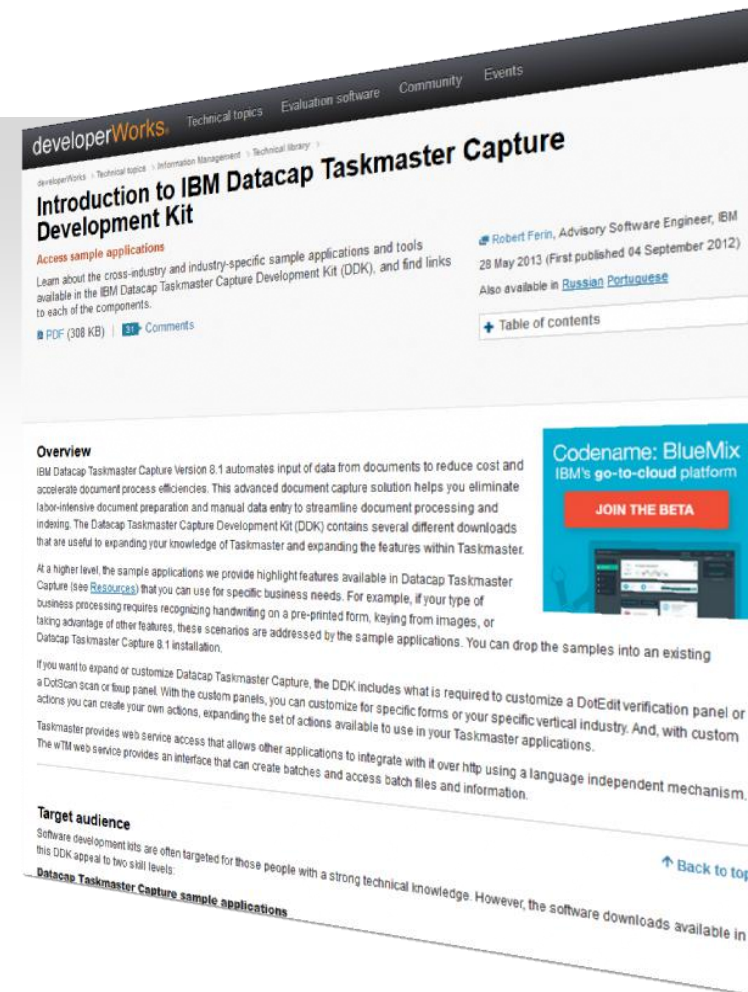


Offline mode



Extending Datacap

- Extend data entry and verification using the Visual Studio DotEdit panel project
- Add custom options for scanning using the Visual Studio DotScan panel project
- Integrate Datacap to your mobile app using Navigator Mobile source code available on JazzHub
- Integrate your application with Datacap using Datacap Web Services
- Extend processing rules using Rulerunner custom actions in .NET or VBScript
- Resources available on developerWorks and JazzHub



<http://www.ibm.com/developerworks/industry/library/ind-datacap-taskmaster/>

<https://hub.jazz.net/project/ecmmobile/IBM%20Content%20Navigator%20mobile%20samples/overview>

Thank
YOU



Backup Slides

Patient Registration

Registration Capture

Documents:
Registration, HIPAA disclaimer, ID, Insurance cards, transfer documents, medical records, test results, etc.

- MFPs, portable scanners, Mobile devices
- Converts e-mail or PDFs, attachments to image
- Document request prompts make it simple for check-in personnel
- Secure log-in and encryption provide security



Classification/OCR with Datacap

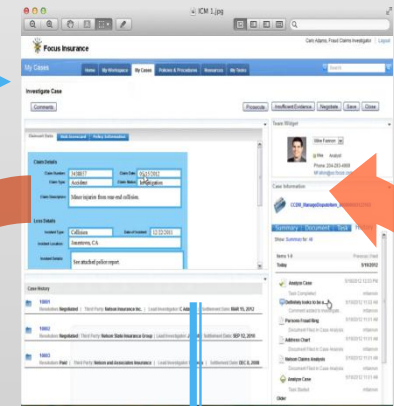
Doc ID HIPAA disclaimer

- Are all documents present?
- Are all required fields and signatures present?
- Are proper index values assigned to each document type for search and retrieval?



Case Management

- Healthcare providers have all records and data needed to offer optimal patient care



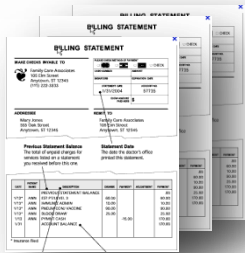
Additional document requests

Case worker requests documentation, Additional input



Claims Processing

Claim documents:
Claim, accident report, damage report, repair estimates, photos,



Document conversion

- Scan with MFPs, portable scanners, input fax, email and attachments
- Mobile capture enables claims adjusters to input immediately
- Document request prompts make it simple
- Secure log-in and encryption provide security



Classification/OCR with Datacap

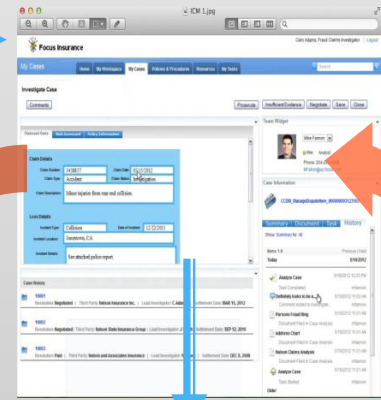
Doc ID Estimate

- Are all required documents present?
- Are all required fields and signatures present?
- Are proper index values assigned to each document type for search and retrieval?



Case Management

- Knowledge workers have all documents and data required to move the claim through the approval process swiftly and accurately



Additional document requests

Analyst requests further documentation, Additional input

