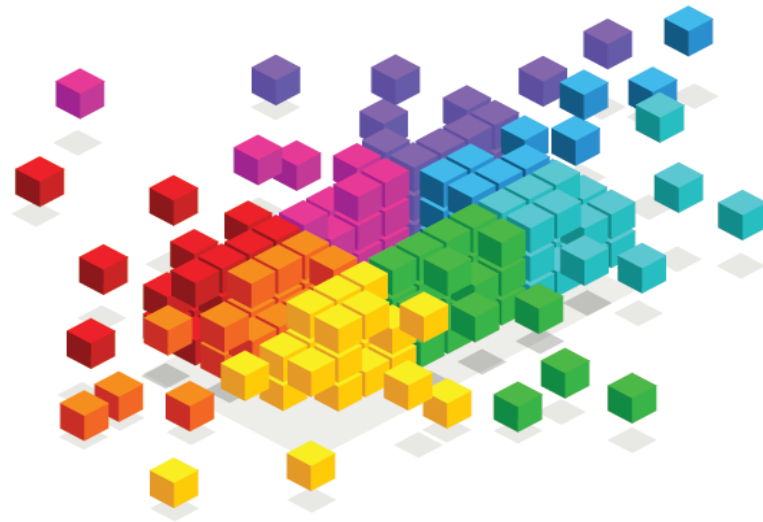


Content Manager OnDemand Product Update

Louise Hawley
Neil Parrott

Putting Content to Work
ECM UserNet 2011



Agenda

- Business Pressures
- Differences in Repositories
- High level overview
- Architecture
- What's new in 8.5
- Enhanced Retention Management
- Integration with P8



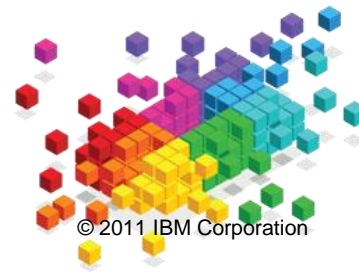
Understanding the Pains



Pains

&

Pressures!



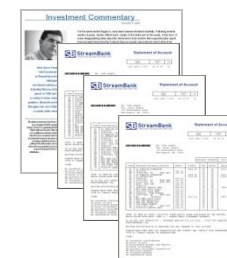
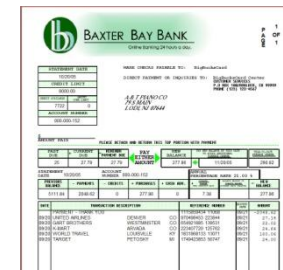
Business Pressures

- Inability to access transactional content in easily-digested and shared forms that match user needs and skill sets
- Siloed information across the organization
- Reduced user productivity related to complex search requirements, and inaccessible or unindexed data
- Reduced customer satisfaction because of a lack of self-service capabilities and slower customer-service response times
- Higher content-management, printing and storage costs
- Compliance requirements across the enterprise



Uses for Content Manager OnDemand

- e-Statement Presentment
- Front office application
 - Presenting of customer data in customer service environments
 - Self Service or call centers
- e-Report Management
 - Back office application
 - Managing of access to information contained in reports (which can be considered snapshots of a database in time)
 - Delivery for analysis

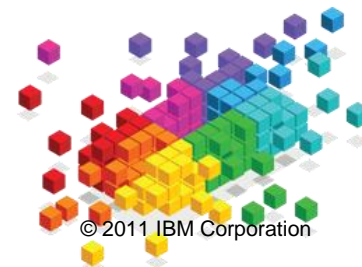
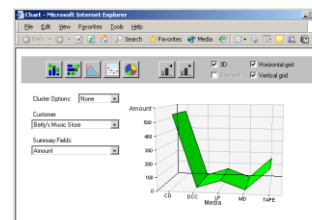
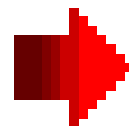


```
11/01/99          CLASSICAL MUSIC DISTRIBUTIONS          PAGE 01
10:31          MONTHLY SHIPPING REPORT
SDR04          FROM 10/01/99 TO 10/31/99

CUSTOMER: Betty's Music Store
           Musicville Plaza
           200 Lower Macomber
           Cedar Falls, IA 50613
ACCOUNT NUMBER: 11887
CONTACT: Betty Yoder

MEDIA QTY DISCOUNT LABEL/NO. UNIT_PRC AMOUNT
CD          3          6004058          8.99          26.97
1          3          42081-2          3.00          9.00
2          1          63          10.19          10.19
TAPES          3          SMT 49282          5.99          17.97

CUSTOMER NUMBER: 816039  SHIP DATE: 10/21/99
CD          11          6003912          5.99          65.89
1          1          SMT 47182          8.99          71.92
10          1          CMB 5104          9.99          99.90
LP          4          A26 941097          10.79          43.16
TAPES          4          A26 9034          5.99          23.96
```

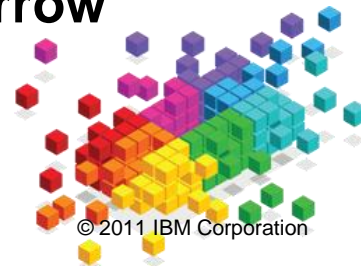


Introducing Content Manager OnDemand

Archiving, Web Delivery, Distribution, Reprint, and much more...

Created initially as a Services Offering at the request of our AFP Print customers in the early 1990s, “OnDemand” has grown to be an integral part of IBM’s Enterprise Content Management and Discovery portfolio.

- ✓ OnDemand is the clear Enterprise Report Management leader
- ✓ Proven technology that works on a wide variety of platforms
- ✓ Flexible installation options
- ✓ Large customer base, large skill base
- ✓ Meets your Report Management needs today and tomorrow



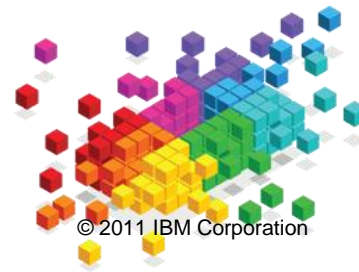
Confused about Enterprise Content Management?



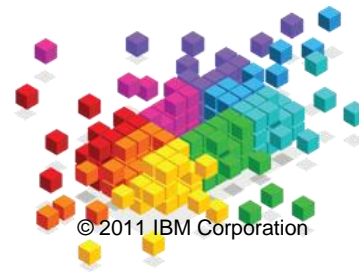
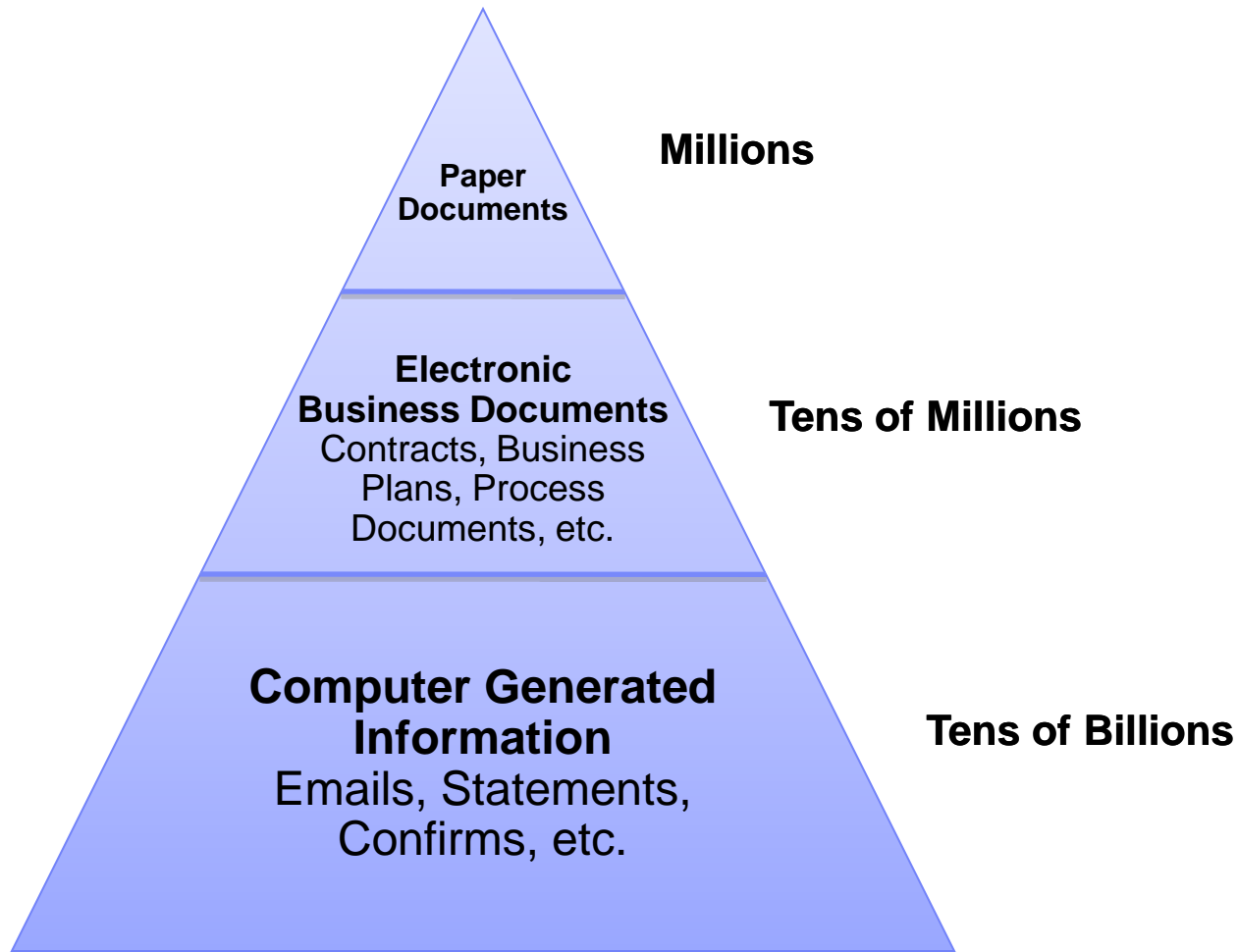
Difference in Repositories

- There is a reason that **Report Management Repositories** are different
 - Report Management
 - Optimized for large “loads” of many, many similar documents
 - Static in nature; read-only (e.g. computer reports)
 - Content Management
 - Optimized for many files of varying size, format and complexity
 - Interactive in nature; BPM, read/write (e.g. office documents)

- *Forcing content from one repository into the other compromises the special features, i.e., scalability and performance of the optimized repository*



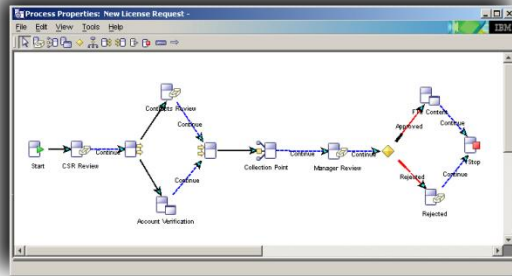
Put Another Way - Volumes and Types of Information Matter



Content/Image versus Archive

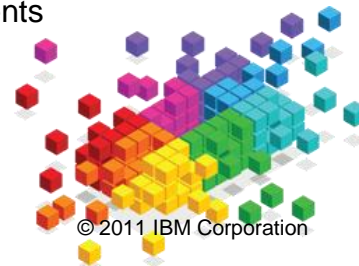
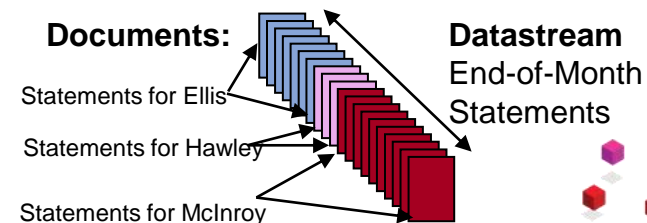
P8 & CM8

- Work in progress
- Content/Image System
- Paper intensive
- Individual documents
 - Word
 - Scanned
 - Fax
- Document management
- Creation
- Documents loaded one at a time



CMOD

- After Process
- Long term archive
- Large datastreams with potentially 1,000,000+ documents daily
- Ideal for check image archive
- Many documents loaded at the same time
- Little or no workflow
- NO report creation capability
- Documents loaded in batch



Types of Content

Faxes

Complex Print Documents

BAXTER BAY BANK
Online Banking 24 hours a day.

STATEMENT DATE: 10/20/05
CREDIT LIMIT: 8000.00
CHECK AVAILABLE: 7722
ACCOUNT NUMBER: 000-000-152

MAKE CHECKS PAYABLE TO: BigBucksCard
DIRECT PAYMENT OR INQUIRIES TO: BigBucksCard Center
CUSTOMER SERVICES
P.O. BOX 188/ROSELIER, CO 99999
PHONE (123) 123-4567

A & T PIANO CO
79 S. MAIN
LODI, NJ 07644

PAST DUE	CURRENT DUE	MINIMUM PAYMENT DUE	NEW BALANCE	MINIMUM PAYMENT DUE	MINIMUM PAYMENT DUE
25	27.79	27.79	277.86	11/20/05	290.82

STATEMENT DATE: 10/20/05
ACCOUNT NUMBER: 000-000-152
ANNUAL PERCENTAGE RATE: 21.00 %

PREVIOUS BALANCE	- PAYMENTS	- CREDITS	+ PURCHASES	+ CASH ADV.	NEW BALANCE
5111.84	2048.62	0	277.86	0	277.86

DATE	TRANSACTION DESCRIPTION	REFERENCE NUMBER	POSTED DATE	AMOUNT
09/20	PAYMENT - THANK YOU	11115859434 11088	09/21	-2048.62
09/20	UNITED AIRLINES	DENVER CO 970498453 223844	09/21	27.14
09/20	GART BROTHERS	WESTMINSTER CO 654921885 139531	09/21	22.02
09/20	K-MART	ARVADA CO 223407720 125762	09/21	24.64
09/20	WORLD TRAVEL	LOUISVILLE KY 1831868133 13071	09/21	180.06
09/20	TARGET	PETOSKY MI 1749423853 56747	09/21	

Robert (Bud) Paton

March 27, 2005

Quality Complete Garden Services
Subject: Property at 3240 S. Bellaire Street, Denver CO

Dear Kim,

Thank You for taking care of my property at 3240 S. Bellaire Street for mowing two times and fertilizing the lawn. Since I live in Denver, after my property at 3240 S. Bellaire, if the property needs any work, please call me for approval of any work needed on the property.

Please mow the lawn (when needed), Fertilize 2-3 times per year. I would like to keep the lawn and shrubs free of weeds.

12 Longview Drive
Brookfield, CT 06804
203-775-3407

PC Documents

	A	B	C	D	E
1	Release		Date		
2					
3	7.1.2.2		03/15/05		
4	7.1.2.1		01/14/05		
5	7.1.2.0		09/17/04		
6					
7	7.1.1.3		09/13/04		
8	7.1.1.2		06/21/04		
9	7.1.1.1		03/15/04		
10	7.1.1.0		12/26/03		
11					
12	7.1.0.15		09/09/03		
13	7.1.0.14		06/30/03		
14	7.1.0.13		04/25/03		
15	7.1.0.12		02/21/03		
16	7.1.0.11		12/20/02		
17	7.1.0.10		10/31/02		
18	7.1.0.9		09/13/02		
19	7.1.0.8		07/02/02		
20	7.1.0.7		05/02/02		
21	7.1.0.6		02/28/02		
22	7.1.0.5		12/14/01		
23	7.1.0.4		09/21/01		
24	7.1.0.3		07/14/01		

11/01/99 CLASSICAL MUSIC DISTRIBUTION
MONTHLY SHIPPING REPORT
FROM 10/01/99 TO 10/31/99

CUSTOMER: Betty's Music Store
Muscataine Plaza
200 Lower Muscataine
Cedar Falls, IA 50613

ACCOUNT NUMBER: 11887
CONTACT: Betty Yoder

MEDIA	QTY	DESCRIPTION	LABEL/NO.	UNT_PRC	AMOUNT
ORDER NUMBER: 536017 SHIP DATE: 10/06/99					
CD	4	Bartok, Sonata for Solo Violin	MK-42625	8.99	35.96
	7	Mozart, Mass in C, K.427	420831-2	9.00	63.00
	2	Luening, Electronic Music	CD 611	10.19	20.38
TAPE	9	Scarlatti, Stabat Mater	SBT 48282	5.99	53.91
ORDER NUMBER: 536039 SHIP DATE: 10/21/99					
		Beethoven, Pathetique Sonata, Arau	420153-2	5.99	65.89
		Mendelssohn, War March of the Priests	SMK 47592	8.99	71.92
		Pizzetti, Messa di Requiem	CHAN 8964	9.59	95.90
		Misc., Modern Trombone Masterpieces	ADA 581087	10.79	64.74
		Gershwin, An American in Paris	ACS 8034	5.99	35.94

PAT D. NERO
5515 BEAR LANE
LAGUNA NIGUEL, CA 92677-4757

90-1162/3222
993014362
704
DATE: March 20, 2005

PAY TO THE ORDER OF: CMSD School District \$ 2000.00=

Two Thousand dollars only

Washington Mutual
Washington Mutual Bank, FA
One Massachusetts Avenue Financial Center 1437
Lafayette Square, Boston, MA 02111
1-800-541-7000
1000 Main St, San Francisco, CA 94102

PD Nero

⑆1271393627⑆ 1436613933⑆ 0704

Internal Reports

Check Images

OnDemand Overview

- Client/Server document archival and retrieval system

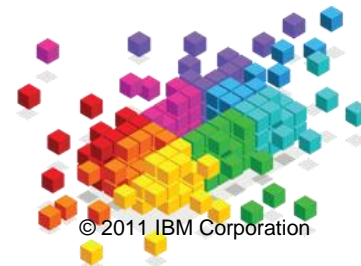
- Servers

- Windows TM
- Linux – (RedHat, SuSE)
- UNIX - (AIX,HP and Sun)
- Linux for System z
- System z mainframe (z/OS)
- System i

- Clients

- WEBi
- Windows TM
- CICS/3270 client available as services offering
- Internet clients CGI, Servlets, Java
- Structured API's (z/OS)
- DDE and OLE API's

System i
pSeries
xSeries
System z



OnDemand Overview – Database

■ Database for storing index information

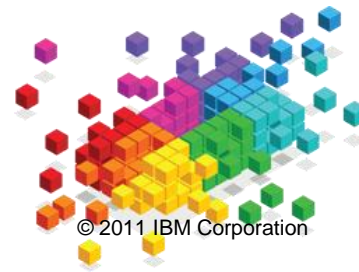
- **DB2** (Unix, Windows™, i5/OS, z/OS)
- **Oracle** (Unix, Windows™)
- **Microsoft SQL Server** (Windows™)

■ Database structure

- Users don't need to know about applications (report files)
- OnDemand segments tables so performance stays linear

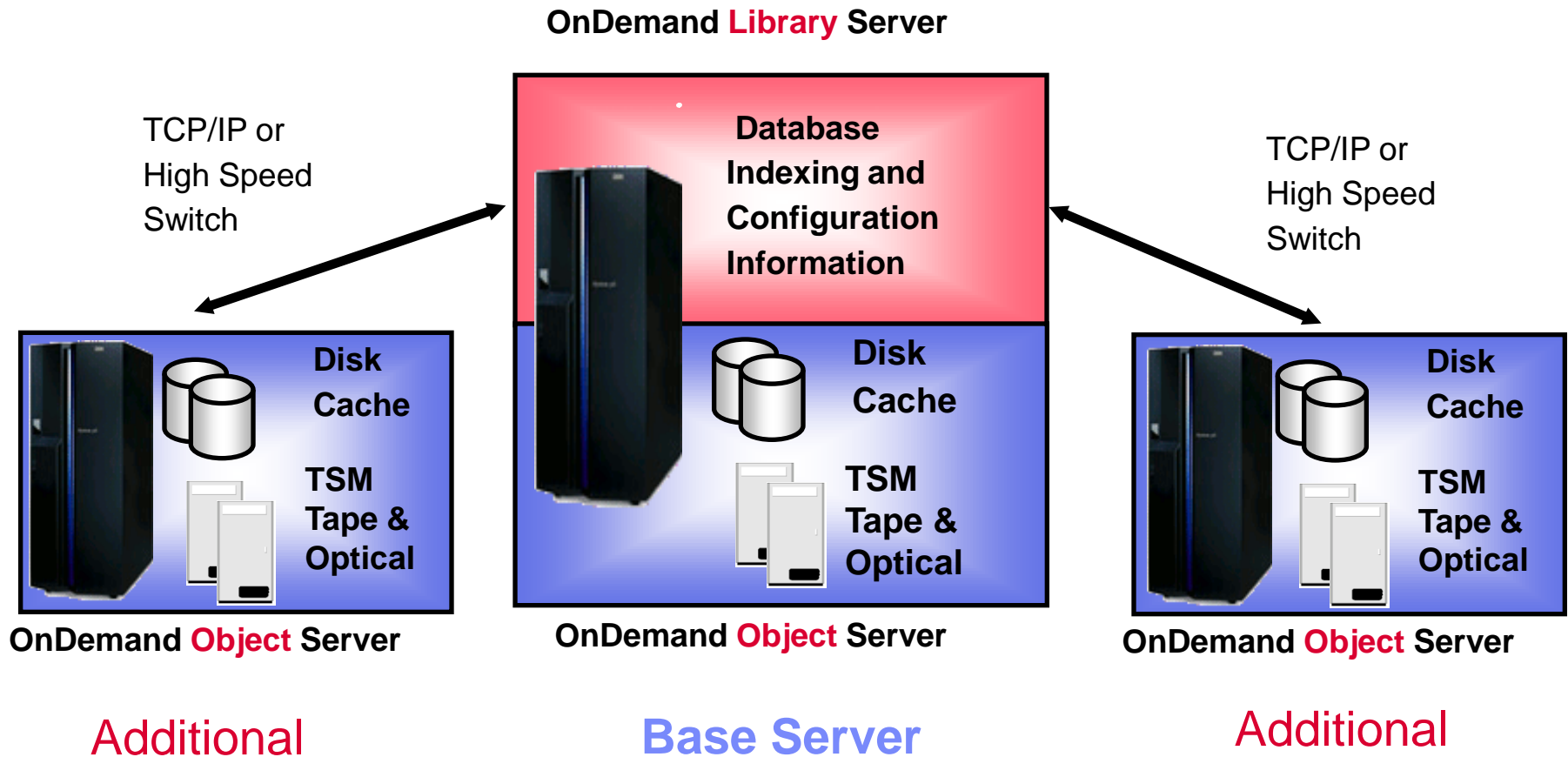


Microsoft
SQL Server

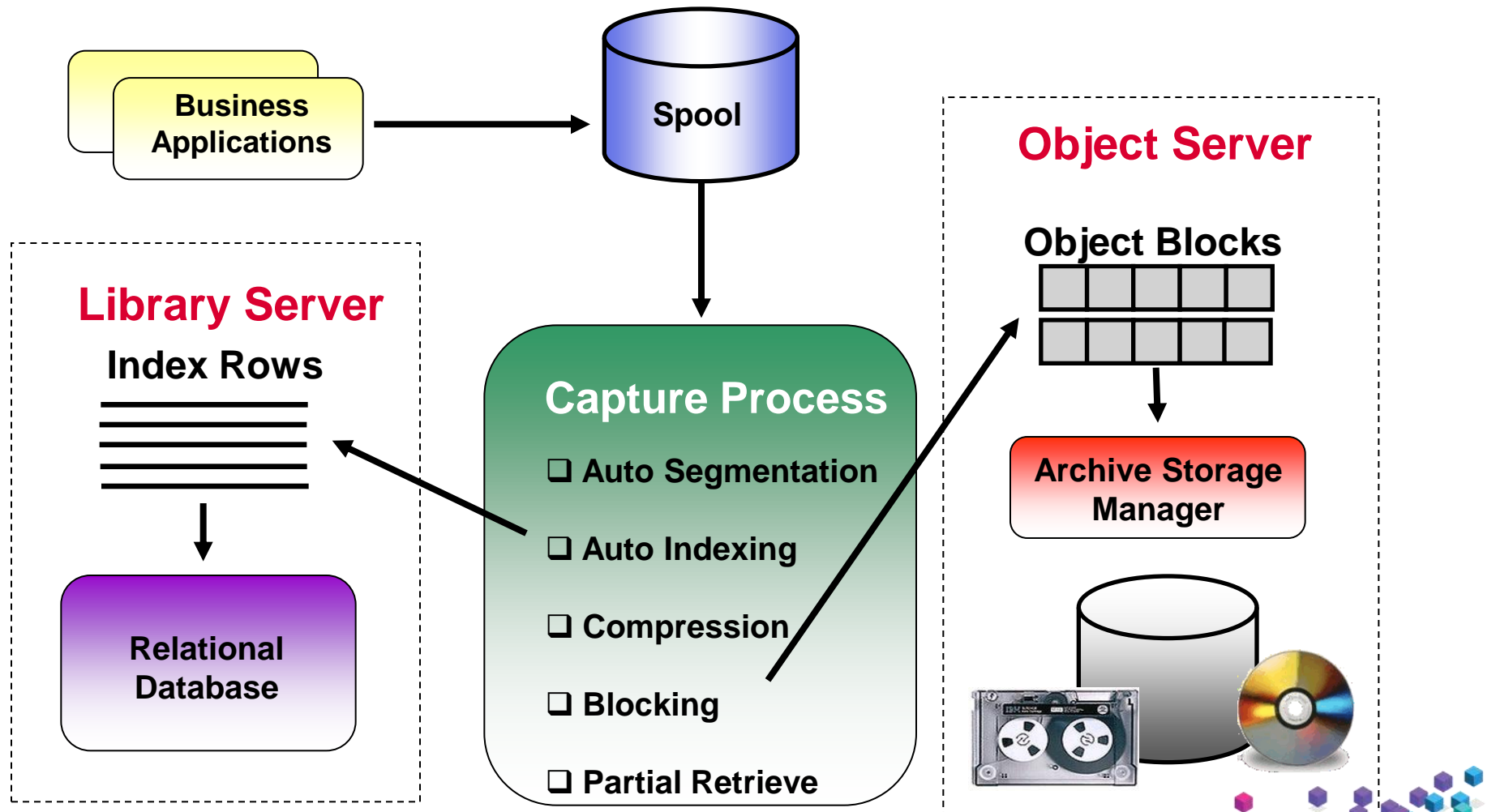




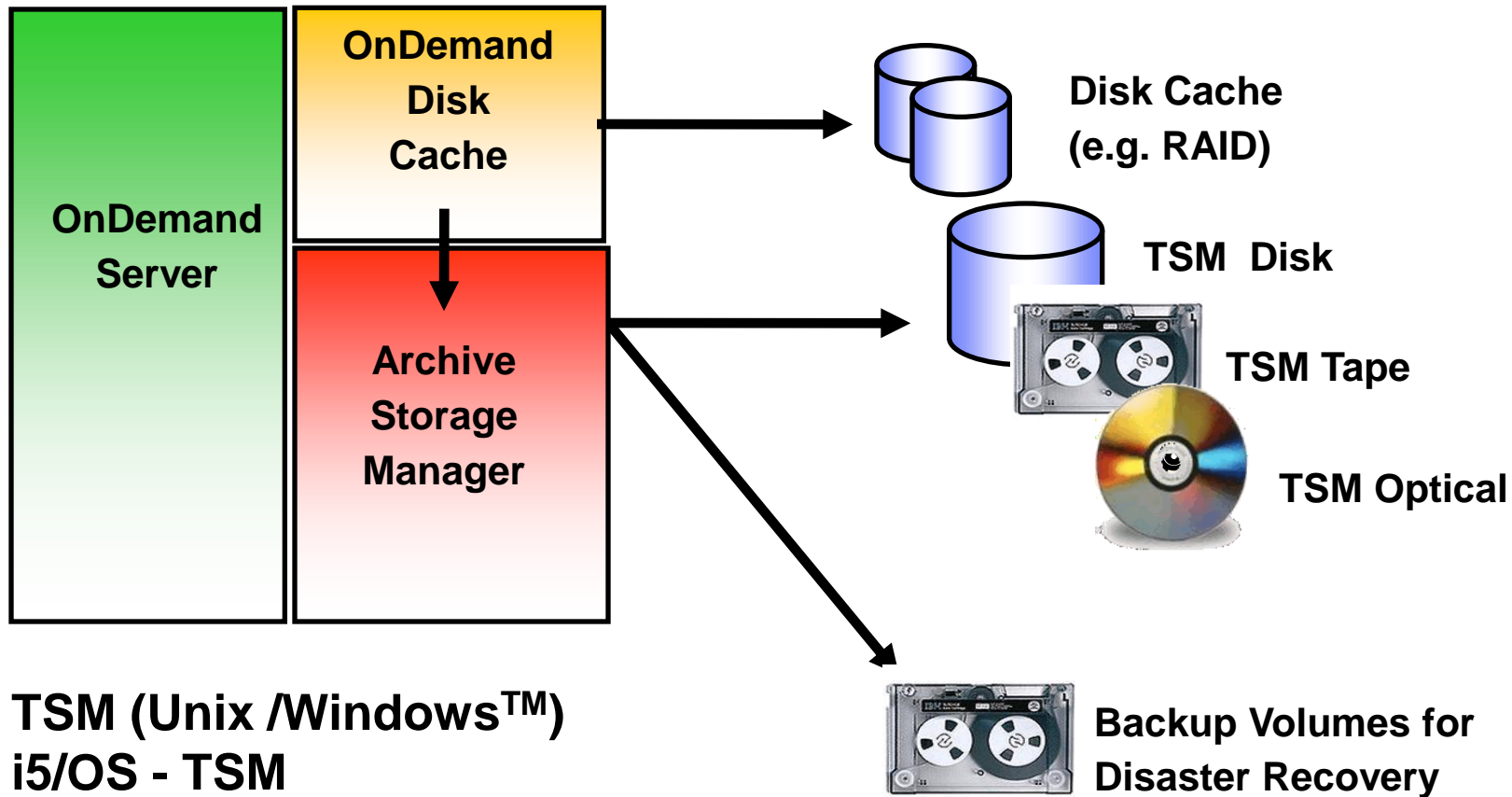
OnDemand Server Structure



OnDemand Document Capture

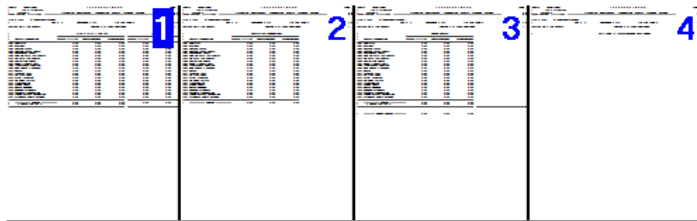
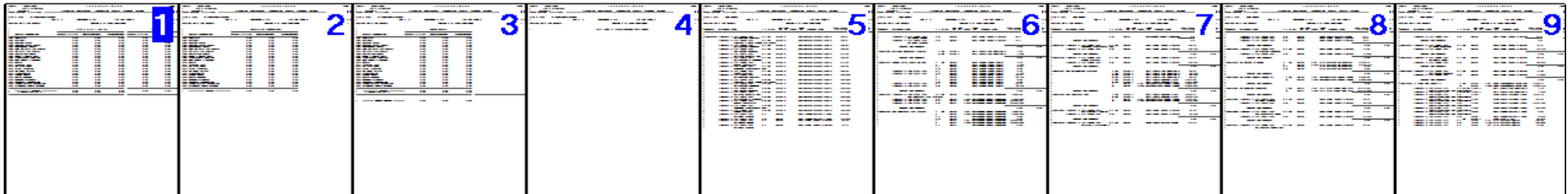


OnDemand Storage Management

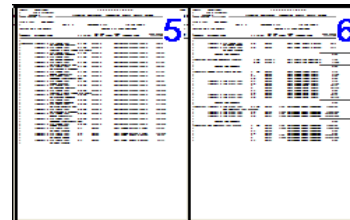


- TSM (Unix /Windows™)
- i5/OS - TSM
- OAM, VSAM or TSM (z/OS)

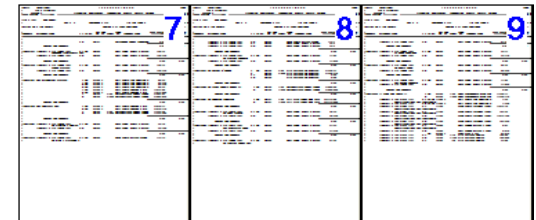
SEGMENTATION INDEXING COMPRESSION



John Smith
123-11-2001



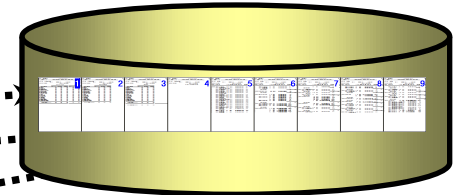
Ron Smith
523-22-6678



William Smith
709-03-4332

DATABASE	
John Smith	123-11-2001
Ron Smith	523-22-6678
William Smith	709-03-4332

Storage Manager



CMOD at Work

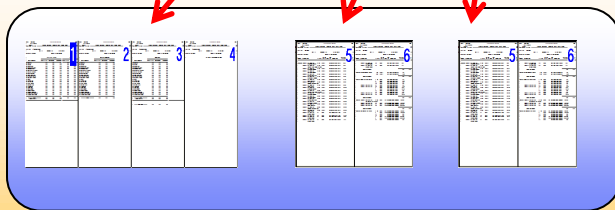
CMOD

DB2 – Oracle – SQL Server

Name	SSN	Object	Offset
John Smith	709-03-4332	1FAA	0
Ron Smith	123-11-2001	1FAA	22560
William Smith	444-00-1289	1FAA	35120

Library Server

Object Server



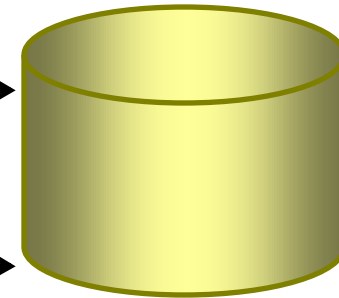
**10 MB Object
Named: 1FAA**

Cache

Max →

After 90 days

Min →



Archive Storage Manager

OBJECT	LOCATION
1FAA	DISK1-xy



Searching for data

data

Account Number

123 44 5555

Amount Due

> 400.00

Date - between

01/01/05

12/31/07

ATLAS INC.

Invoice Number: 234568001

Date: 06/24/2006

Customer:
Bud Smith
 1289 Smith Road
 Boulder, CO 80301

Customer Number:
123-44-5555

Date	Amount Due
01/03/08	180.51
08/19/07	0.0
06/24/06	500.00
12/25/05	207.82

Hit list

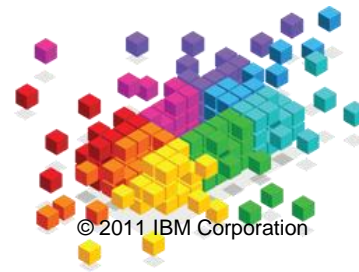
Item	Description	Qty	Price
1	Appraisal	1	1700.00
2	Drawing	2	900.00
3	Wheel Rudder	3	400.00

Tax 180.00

Total Due: 500.00

Date Due

06/24/07



On-the-fly Conversion

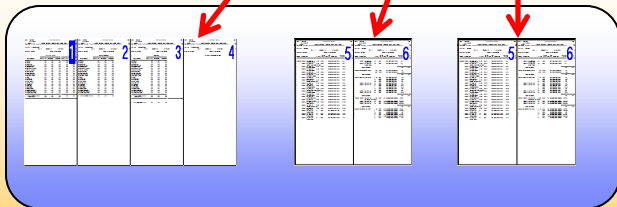
CMOD

DB2 – Oracle – SQL Server

Name	SSN	Object	Offset
John Smith	709-03-4332	1FAA	0
Ron Smith	123-11-2001	1FAA	22560
William Smith	444-00-1289	1FAA	35120

Library Server

Object Server



AFP Documents

Web Server

WAS

ODWEK

WEBi



AFP2PDF

Line2PDF

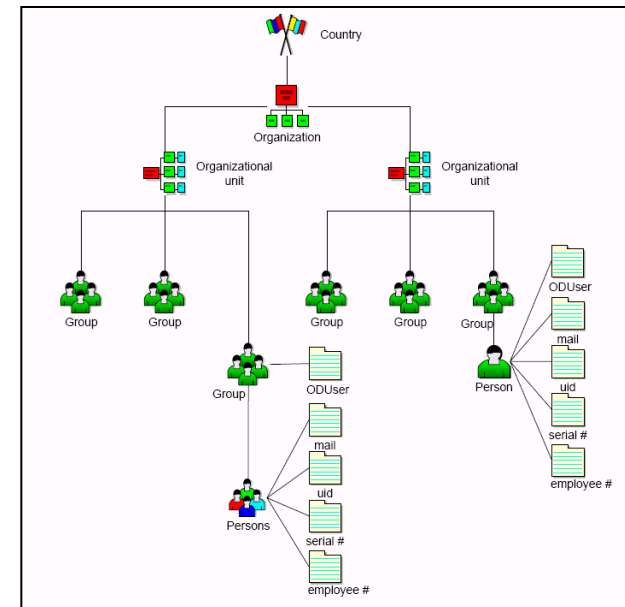
Browser Client
Viewing with
Adobe Reader



PDF Documents

OnDemand Security

- A userid/password is required to access CMOD
- Security Exit
 - On z/OS, exit is provided to utilize z/OS Security thru SAF function (RACF, CA Top Secret, etc)
- Access to application/report type can be limited by user/group
- Access to specific documents (e.g. statement) can be limited by user/group based index values
- Access to annotations can be limited by user/group
- Access to system functions (e.g. reprint, copy to clipboard, etc..) can be limited by user/group



“NEW” LDAP for Authenticate

OnDemand v8.5

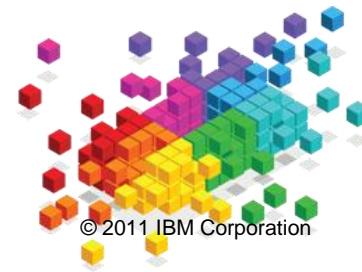
- CMOD MP announced – 9/07/2010
- CMOD z/OS announced – 1/27/2011



Content Manager OnDemand v8.5


Enhancements for:

- Security
 - Usability
 - Performance
 - Portability and manageability
-
- Client and Administrator
 - Server
 - Other changes



Client & Admin Enhancements

- PDF Text Search PDF docs - without the need for Adobe Acrobat
 - Reduces licensing costs
- Hyperlinks in server custom messages
 - Example; to change password go to <http://w3.ibm.com/password>)
- Auto detect subsystem failures
 - Example; unexpected database shutdown
- Trace - performance and manageability enhancements
 - Normalized output can be viewed from any platform

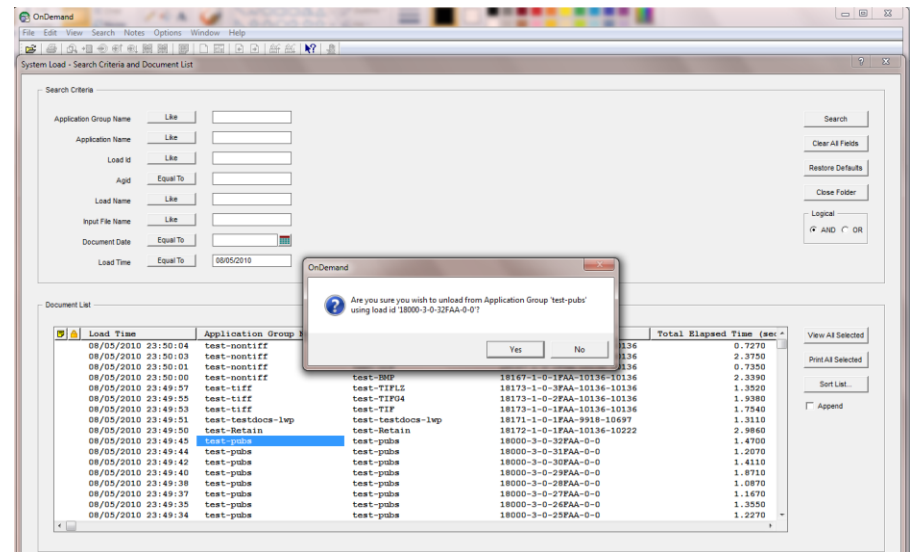


Improves usability and flexibility
Reduces costs - no longer require Adobe Acrobat

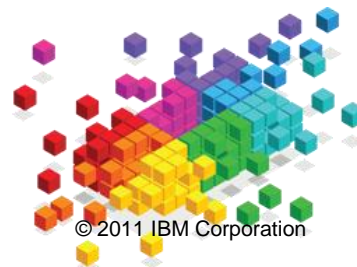
7.5 percent of all documents get lost, 3 percent of the remainder get misfiled. Source: PWC

Unload from System Load Facility or System Log

- Simplifies unloading an OD Load from the System Load Facility or Log
 - Select an item from the list & ‘right click’ to unload
 - Correct permissions necessary
 - Win32 Client



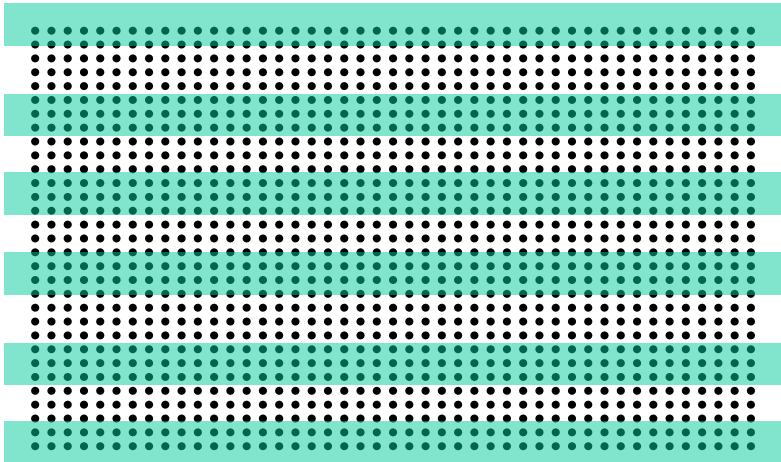
*Usability and manageability benefits
Eliminates manual command line steps
No need to remember long Load IDs*



Print Line Count

- Adjust print line count for line data documents to improve legibility

- Before



- After

```

11/01/99          CLASSICAL MUSIC DISTRIBUTORS          PAGE 01
10:17             MONTHLY SHIPPING REPORT
MSR94             FROM 10/01/99 TO 10/31/99

CUSTOMER: Betty's Music Store
             Muscatine Plaza
             200 Lower Muscatine
             Cedar Falls, IA 50613

ACCOUNT NUMBER: 11887
CONTACT: Betty Yoder

MEDIA QTY  DESCRIPTION                                LABEL/NO.  UNT_PRC  AMOUNT
          ORDER NUMBER: 536017  SHIP DATE: 10/06/99
CD         4  Bartok, Sonata for Solo Violin          MK-42625   8.99    35.96
          7  Mozart, Mass in C, K.427                 420831-2   9.00    63.00
          2  Luening, Electronic Music                CD 611     10.19   20.38
TAPE       9  Scarlatti, Stabat Mater                 SBT 48282  5.99    53.91

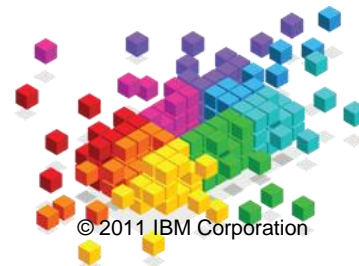
          ORDER NUMBER: 536039  SHIP DATE: 10/21/99
CD         11 Beethoven, Pathetique Sonata, Arau        420153-2   5.99    65.89
          8  Mendelssohn, War March of the Priests    SMK 47592  8.99    71.92
          10 Pizzetti, Messa di Requiem              CHAN 8964  9.59    95.90

LP         6  Misc., Modern Trombone Masterpieces    ADA 581087 10.79   64.74
TAPE       6  Gershwin, An American in Paris         ACS 8034   5.99    35.94
    
```



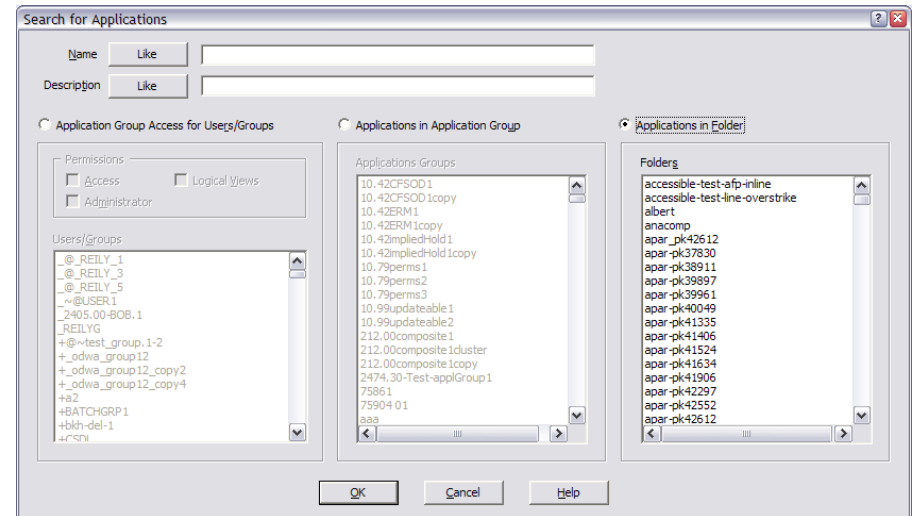
Improves manageability of documents

\$75 is spent on labor to process a document. Source: PWC



Folder Admin

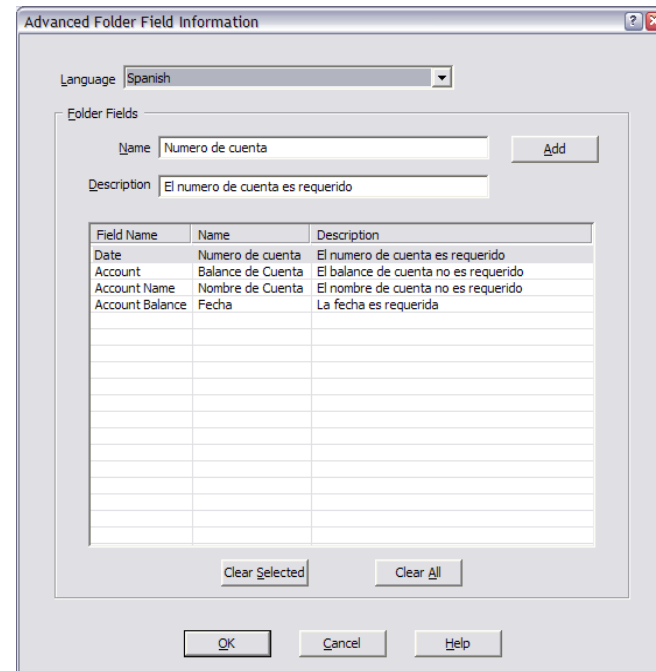
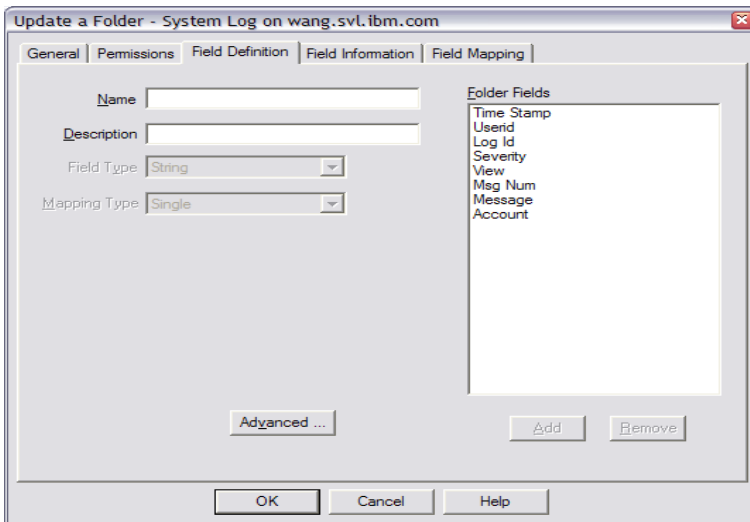
- Create a list of applications that are included in a specific folder
- Create a list of application groups that are included in a specific folder
- Create a list of folders that include a specific application



Increases Administrator productivity

Folders – Multiple Languages

- Multiple language folder field names for Win32 client



For customers serving multiple language user communities

Nearly 180 million trees were consumed in 2008 for the 1.5 trillion pages used on hardcopy devices Source: IDC

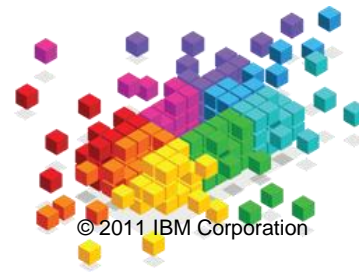
Additional Updates

- FIPS 140-2 Support
 - User password previously stored with DES encryption
 - Now stored with AES 128 CBC encryption
- Unicode support – UTF-16
 - Enhanced client/server performance
- Multiple TSM Server Support
 - Supports multiple TSM servers from the same OD Object Server
- Messages for starting/stopping ARSSOCKD
- AIX Server now 'Pure Multi-threaded' model



Improved configuration flexibility and performance

\$25,000 the cost to fill a 4-drawer file cabinet with 15-20,000 files. Source: futurelawoffice.com



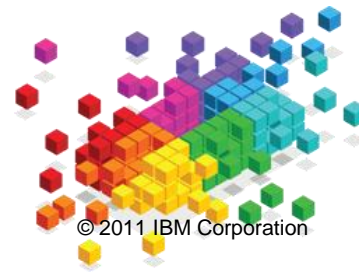
Other Enhancements

- SSL and LDAP
- FIPS 140-2
- PDF Indexer
- Transforms
- Additional Updates



*Increased Security, Usability, Performance,
Portability and Manageability*

\$120 the cost of searching for a mis-filed document. Source: Inc. Magazine



Enhanced Retention - HOLDS



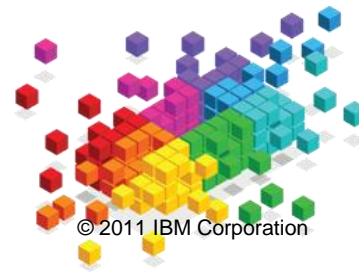
OnDemand Enhanced Retention Management

▪ Holds

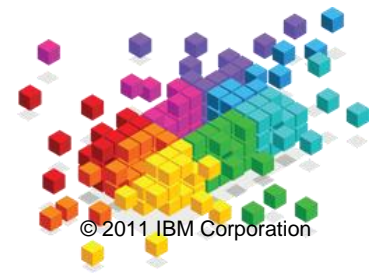
- Nothing more than a logical description of why documents are locked down (i.e. legal proceeding xyz). A hold itself does not change or manage expiration, it just suspends expiration until removed
- No limit to number of documents in a hold
- A document can be in multiple holds
- Implied Hold
 - All loads are inherently locked down
- Non-implied Hold
 - (i.e. legal proceeding xyz) – defining documents from any application group to be held

OnDemand Enhanced Retention Management cont..

- New tables and columns directly in the OD database such that OD can optimize and efficiently manage holds
- OD still has just time-based expiration, holds just provide a way to suspend the expiration
- Applying/Releasing holds can be done thru the OD Win32 client, WEBi, ODWEK java api's, and ARSDOC
- Administrative definitions can be done in OD Win32 Admin, ODWA, and ARSXML
- Whatever Storage Manager is used (OAM/TSM) – their expiration must be disabled
- Application Groups must have an expiration type of LOAD



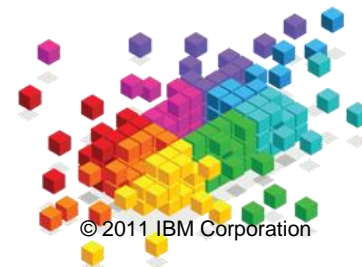
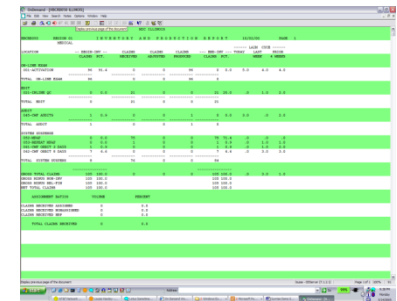
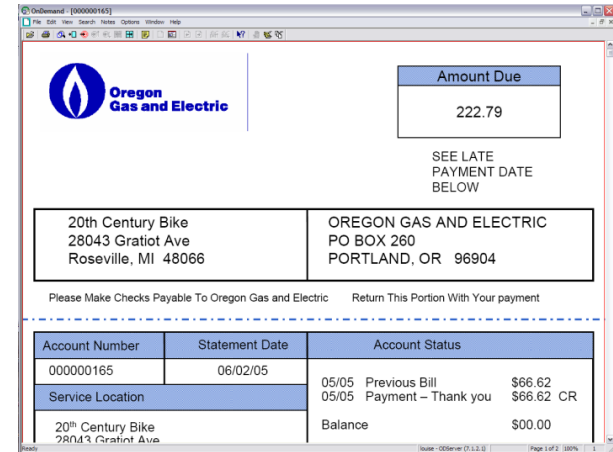
Content Federation Services



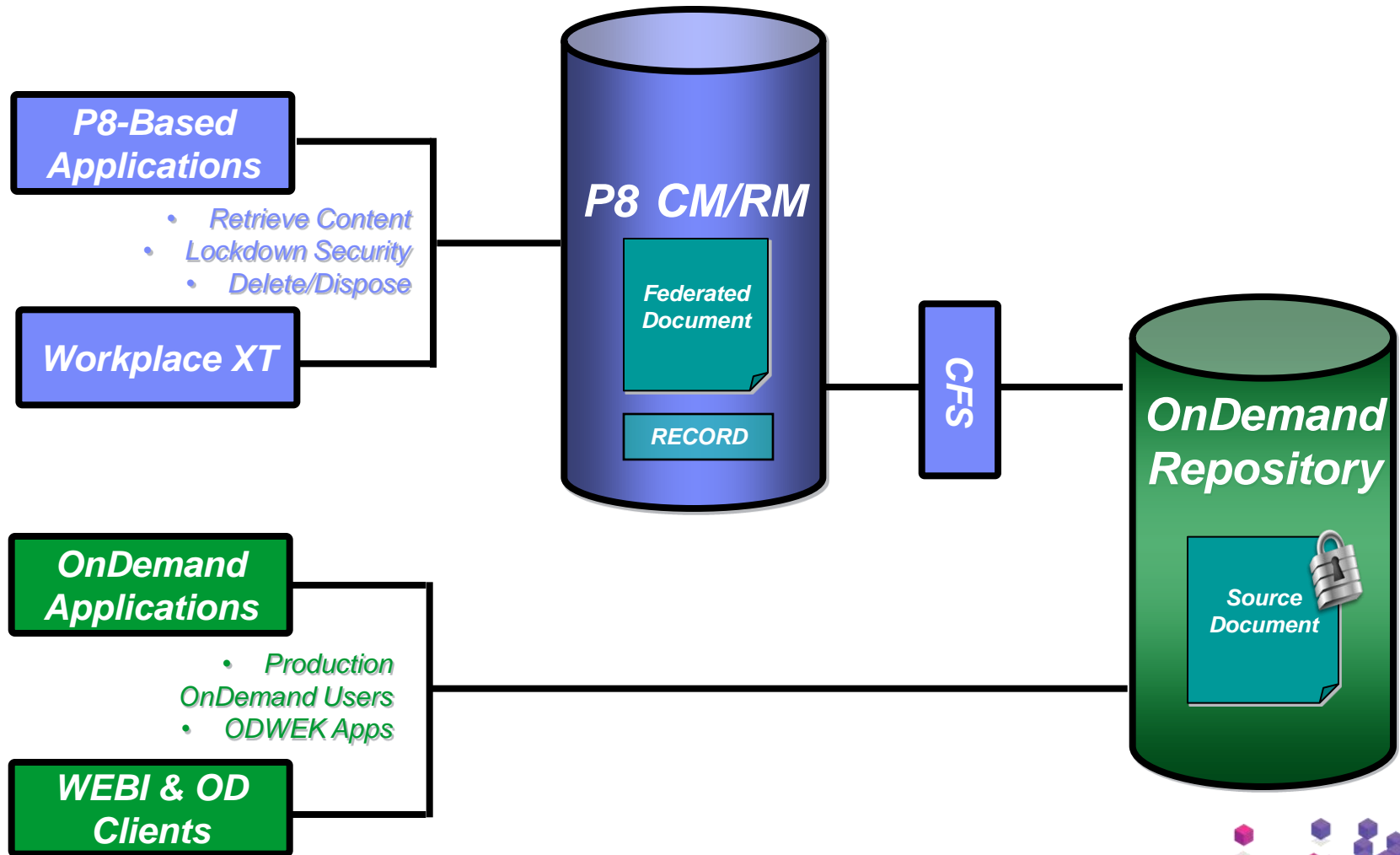
CMOD Integration with IBM P8

- P8 will support OnDemand through P8 CFS-OD
 - OD document metadata will be ‘federated’ into P8 database
 - Unidirectional
 - OD physical data remains in place
 - Once in P8, able to leverage P8 clients (like Workplace XT) in order to have
 - Unified search
 - Leverage Business Process Management (BPM)
 - Records Management

- P8 Workplace XT will support OnDemand
 - Searching/viewing documents
 - AFP ActiveX/PlugIn
 - Linedata Applet
 - Not intended to replace OnDemand clients for production use



OD/P8 Architecture





Web-based Report Mining Solution

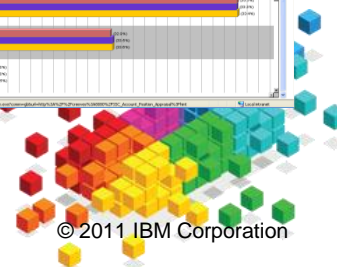
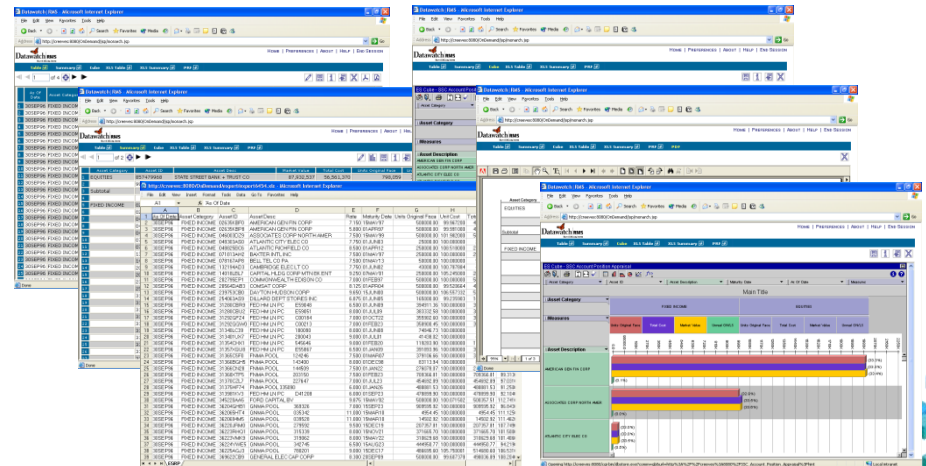
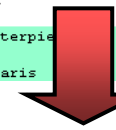
- Automatic report data transformation based on Monarch server technology
- One-click access to any report data in web and Excel spreadsheets format
- In browser data filtering, sorting and graphing of report data
- Summary report engine for generating new, targeted reports based on existing OnDemand stored archived reports
- Optional drag-and-drop multi-dimensional cube-based analysis tool
- XML enable any OnDemand report with no programming for web-based forms delivery

11/01/99 CLASSICAL MUSIC DISTRIBUTORS PAGE 01
10:17 MONTHLY SHIPPING REPORT
MSR94 FROM 10/01/99 TO 10/31/99

CUSTOMER: Betty's Music Store
Muscatine Plaza
200 Lower Muscatine
Cedar Falls, IA 50613

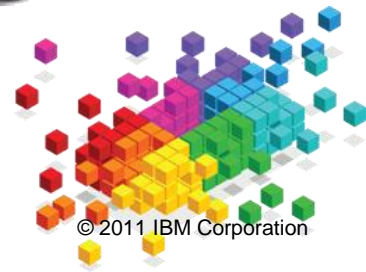
ACCOUNT NUMBER: 11887
CONTACT: Betty Yoder

MEDIA	QTY	DESCRIPTION	ORDER NUMBER:	SHIP DATE:	LABEL/NO.	UNT_PRC	AMOUNT
CD	4	Bartok, Sonata for Solo Violin	536017	10/06/99	MK-42625	8.99	35.96
	7	Mozart, Mass in C, K.427			420831-2	9.00	63.00
	2	Luening, Electronic Music			CD 611	10.19	20.38
TAPE	9	Scarlatti, Stabat Mater			SBT 48282	5.99	53.91
ORDER NUMBER: 536039 SHIP DATE: 10/21/99							
CD	11	Beethoven, Pathetique Sonata, Arau			420153-2	5.99	65.89
	8	Mendelssohn, War March of the Priests			SMK 47592	8.99	71.92
	10	Pizzetti, Messa di Requiem			CHAN 8964	9.59	95.90
LP	6	Misc., Modern Trombone Masterpie			ADA 581087	10.79	64.74
TAPE	6	Gershwin, An American in Paris			ACS 8034	5.99	35.94



Summary

- Flexible architecture for scalability, high performance
- Complete functionality set for search and retrieval on thick or thin clients
- Rich administrative functionality for system management
- Next Steps?

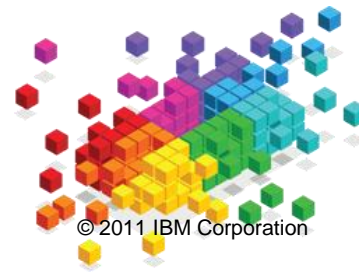


IBM Global Financing Offer

- With IBM 0% software financing, acquiring an IBM software solution has never been more affordable for credit qualified clients
 - Financing rates as low as 0% over 12 months for credit qualified clients purchasing new IBM software licenses and first-year subscription and support charges
 - Competitive rates are also available for 24 and 36-month payment terms

- Customer Benefits:
 - Conserve cash and existing credit lines in tough economy and tight credit markets
 - Overcome budget limitations
 - Simplify planning with predictable monthly payments

- For more details see [IBM Software Financing](#)



Migrate to CMOD - with ECM Services

A total solution approach to migration and data conversion based on a proven methodology

Features

- A 4-phase, proven process to complete your transition to CMOD:
 1. Conversion Questionnaire
 2. Conversion Assessment (FREE)
 3. Software Implementation
 4. Data Conversion
- Transform ANY type of data
- Speed – designed to meet mission critical timelines

Backed by world class industry and product experts in CMOD software services.

Report Manager to CMOD conversions

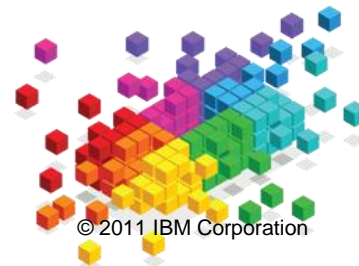
Benefits

- Single Vendor Migration
- Free Conversion Assessment
- Proprietary Transition solution and toolset
- Rapid and cost-effective transition to new IBM platform
- Highest level of data integrity through IBM's comprehensive quality assurance process
- Defined methodology with repeatable, proven processes to reduce costs and project risks
- Experienced Conversion Team

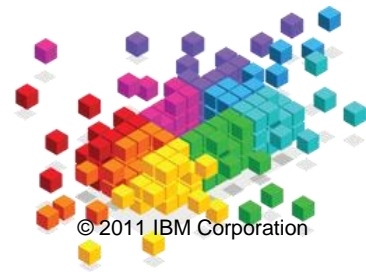
Deliverables

- Project Plan
- Software Installation
- Onsite Training
- Migrated Data

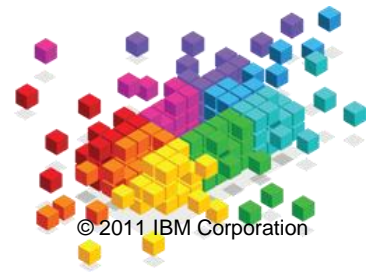
Contact an ECM Services Sales Manager to learn more!



Thank you



Back-up slides



Secure Sockets Layer (SSL)


- From health care to banking and finance, many industry and government regulations require the protection of sensitive data online
 - Examples include PCI-DSS, HIPAA, SOX
- Provides secure transmission between any OD Client (ODWEK, windows client, windows admin) and the OD server
 - Adds to existing SSL capabilities that have existed outside the firewall
 - Addresses the issue of unsecure internal networks
- Configurable at the server level to support either
 - Non-SSL
 - SSL
 - Or both
- LDAP Secure Sockets Layer (SSL) Support
 - Provides secure communication between the OD Server and LDAP Servers



Helps customers secure sensitive personal information

SSL - Implementation


- Leverages the IBM Global Security Kit (GSKit)
 - Windows – For Server/ODWEK/Client – installed automatically
 - AIX, HP/UX, Linux/Intel, Linux/z, Solaris - must be installed separately
 - Requires an SSL certificate from a Certificate Authority (CA) or can use a self-signed certificate



*Easy to deploy. No additional purchase.
Whitepaper available.*

FIPS 140-2 Support

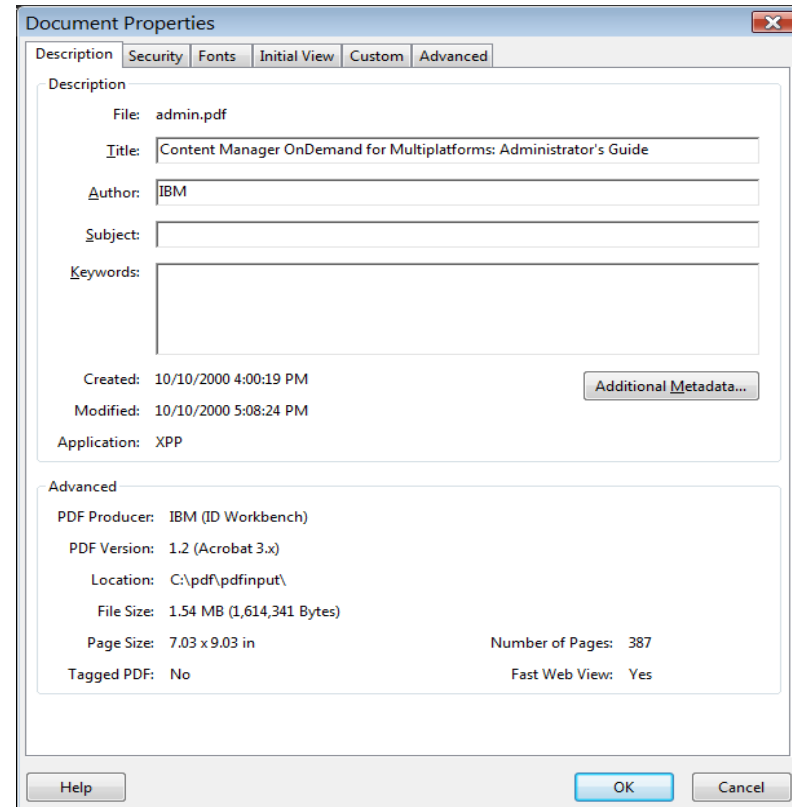
- Previously the user password was stored with DES encryption
- Now we store with AES 128 CBC encryption
 - Passwords in the Storage Node (TSM passwords) are also stored with AES 128 CBC encryption



Provides Federal customers with the ability to meet current standards. Encrypts TSM passwords in the same format

PDF Indexer

- Can now use metadata within PDFs to create indexes in CMOD
 - Metadata field names used as the index names
 - Entire PDF doc is indexed as a group
 - Cannot be combined with regular trigger indexing
- PDF resource collection now collects PDF Form Objects in addition to Fonts and Images




Provides additional PDF indexing capabilities and flexibility

Transforms

- Generic 'Plug and Play' API - new
 - Examples of transformations using a 3rd party Transform:
 - Line data to PDF
 - AFP to PDF
 - Line data to AFP
 - Meta data to PDF
 - Meta data to AFP


- Advanced Function Presentation Transformations
 - LINE2PDF - new
 - AFP2HTML
 - AFP2PDF



Provides customers the option of using any third party Transform engine. Additional transform available for AFP2WEB customers

CMOD Optional Features - update


- Optional features - now on separate image/media:
- Enhanced Retention
- PDF Indexer
- Report Distribution
 - Can be run remotely
- AFP2WEB - renamed in v8.5
 - From: IBM CMOD AFP2WEB
 - To: IBM CMOD Advanced Function Presentation Transformations Multiplatforms
 - Lookout for Withdrawal Announcement on 9/7/2010
 - Feature remains the same – only the name is changing



Will help ensure customers are properly licensed and pay only for features used

Other Enhancements and Updates

- Unicode support – UTF-16
 - Enhanced client/server performance
- Multiple TSM Server Support
 - Supports multiple TSM servers from the same OD Object Server
- Messages for starting/stopping
- AIX Server now ‘Pure Multi-threaded’ model
- Deprecated feature – ODWA (OnDemand Web Admin)
 - Customers not using this
 - Windows Admin provides added functionality
 - Graphical Indexing



*Improved Object server and Storage Server configuration flexibility
Windows Admin client provides broadest capabilities*