



## **Payment data exchange and transfer from Millennium to Oracle**

**Presented by**

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# Outline of the presentation

- Introduction
- Receiving Information Resources as ordered
- Making payments
- Transfer of Payment information from Millennium to Oracle
- Integration of systems
- Conclusion

# Introduction

- Libraries are the heart bit of institutions of higher learning
- They have huge budgets to enhance their services
- Suppliers need to be paid on time
- Therefore an easy/stream-lined way to speed up the invoice payment was implemented

# Receiving Information Resources as ordered

- Every Information Resource received by the library is accompanied by an invoice
- Information Resources are received on the system and the invoice is keyed in
- On the Millennium library system every IR purchaser has a file/line that they use for payments

# Making the payment on Millennium

## Important facts to remember when doing the payment

- Invoice number
- Date on which the Information Resource was received by the Receivers
- Exact price figure e.g. putting R17 000 instead of R1 700

# Important facts continue

- Different currencies used for different suppliers

Examples:

- European suppliers are paid in Euros
- South African suppliers are paid in Rands

# Making the payment

- Once the pay file is opened, the invoice number, the received date and the currency is keyed in
- Each invoice has its own unique invoice number
- Each book has its own order number
- On one invoice we can receive 20 books with 20 unique order numbers

# Screenshot of the payment file

Millennium Acquisitions - University of South Africa - Ngubane, Nsiki (Procurement)

File Edit View Go Tools Admin Help

Invoice Processing

Limit View Edit Summary Browse Print Close Print Inv Finish Suspend Cancel Show Bib Show Inv

Invoice #  Invoice Date  Vendor  Use Currency

#	Record #	Title	Copies	Amount	Fund	Notes
1						
2						
3						
4						
5						
6						
7						

Up one level

Invoice

Browse Invoices

AUTHOR  
TITLE  
PUBLISHER

Index:

#	# ENTRIES
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Editing



# Screenshot of the payment file

Millennium Acquisitions - University of South Africa - Ngubane, Nsiki (Procurement)

File Edit View Go Tools Admin Help

Invoice Processing

Print Inv Finish Suspend Cancel Show Bib Both

Invoice # **FLIV2711** Invoice Date **12-08-2014** Vendor **fonsv** Use Currency **Local Currenc**

#	Record #	Title	Copies	Amount	Fund	Notes
1	.013110573	Challenges and issues facing the school system of S...	1	R405.90	afr01	
2	.013110573	Challenges and issues facing the school system of S...	1	R405.90	r1 cap	
3	.013110573	Challenges and issues facing the school system of S...	1	R405.90	r1 dur	
4	.013110573	Challenges and issues facing the school system of S...	1	R405.90	r1 eth	
5	.013110573	Challenges and issues facing the school system of S...	1	R405.90	r1 jhb	
6	.013110573	Challenges and issues facing the school system of S...	1	R405.90	r1 pol	
7	.013110573	Challenges and issues facing the school system of S...	1	R405.90	r1 rus	
8	.013110573	Challenges and issues facing the school system of S...	1	R405.90	r1 sun	
9	.013110573	Challenges and issues facing the school system of S...	1	R405.90	r1 nel	
10	.013110573	Challenges and issues facing the school system of S...	1	R405.90	r1 elo	
11	.013110573	Challenges and issues facing the school system of S...	1	R405.90	r1 pmb	
12	.013110573	Challenges and issues facing the school system of S...	1	R405.90	r1 flo	
13	.013125102	Indigenous people in Africa : contestations, empowe...	1	R379.80	rc099	
14	.013125102	Indigenous people in Africa : contestations, empowe...	1	R379.80	r1 cap	
15	.013125102	Indigenous people in Africa : contestations, empowe...	1	R379.80	r1 dur	
16	.013125102	Indigenous people in Africa : contestations, empowe...	1	R379.80	r1 eth	
17	.013125102	Indigenous people in Africa : contestations, empowe...	1	R379.80	r1 jhb	
18	.013125102	Indigenous people in Africa : contestations, empowe...	1	R379.80	r1 pol	
19	.013125102	Indigenous people in Africa : contestations, empowe...	1	R379.80	r1 rus	
20	.013125102	Indigenous people in Africa : contestations, empowe...	1	R379.80	r1 sun	
21	.013125102	Indigenous people in Africa : contestations, empowe...	1	R379.80	r1 nel	
22	.013125102	Indigenous people in Africa : contestations, empowe...	1	R379.80	r1 elo	
23	.013125102	Indigenous people in Africa : contestations, empowe...	1	R379.80	r1 pmb	
24	.013125102	Indigenous people in Africa : contestations, empowe...	1	R379.80	r2 dur	
25	.013125102	Indigenous people in Africa : contestations, empowe...	1	R379.80	r1 flo	
26	.013125126	Challenges and issues facing the education system i...	1	R405.90	rc099	
27	.013125126	Challenges and issues facing the education system i...	1	R405.90	r1 cap	
28	.013125126	Challenges and issues facing the education system i...	1	R405.90	r1 dur	
29	.013125126	Challenges and issues facing the education system i...	1	R405.90	r1 eth	
30	.013125126	Challenges and issues facing the education system i...	1	R405.90	r1 jhb	
31	.013125126	Challenges and issues facing the education system i...	1	R405.90	r1 pol	
32	.013125126	Challenges and issues facing the education system i...	1	R405.90	r1 rus	
33	.013125126	Challenges and issues facing the education system i...	1	R405.90	r1 sun	
34	.013125126	Challenges and issues facing the education system i...	1	R405.90	r1 nel	
35	.013125126	Challenges and issues facing the education system i...	1	R405.90	r1 elo	
36	.013125126	Challenges and issues facing the education system i...	1	R405.90	r1 pmb	
37	.013125126	Challenges and issues facing the education system i...	1	R405.90	r1 flo	
38	.013125163	Perspectives on thought leadership for Africa's rene...	1	R405.90	afr01	
39	.013125163	Perspectives on thought leadership for Africa's rene...	1	R405.90	r1 cap	
40	.013125163	Perspectives on thought leadership for Africa's rene...	1	R405.90	r1 dur	
41	.013125163	Perspectives on thought leadership for Africa's rene...	1	R405.90	r1 eth	
42	.013125163	Perspectives on thought leadership for Africa's rene...	1	R405.90	r1 jhb	
Subtotal					R22,465.80	
Shipping					R0.00	
Service Charge or Discount					R0.00	
Tax					R0.00	
Total					R22,465.80	

Editing

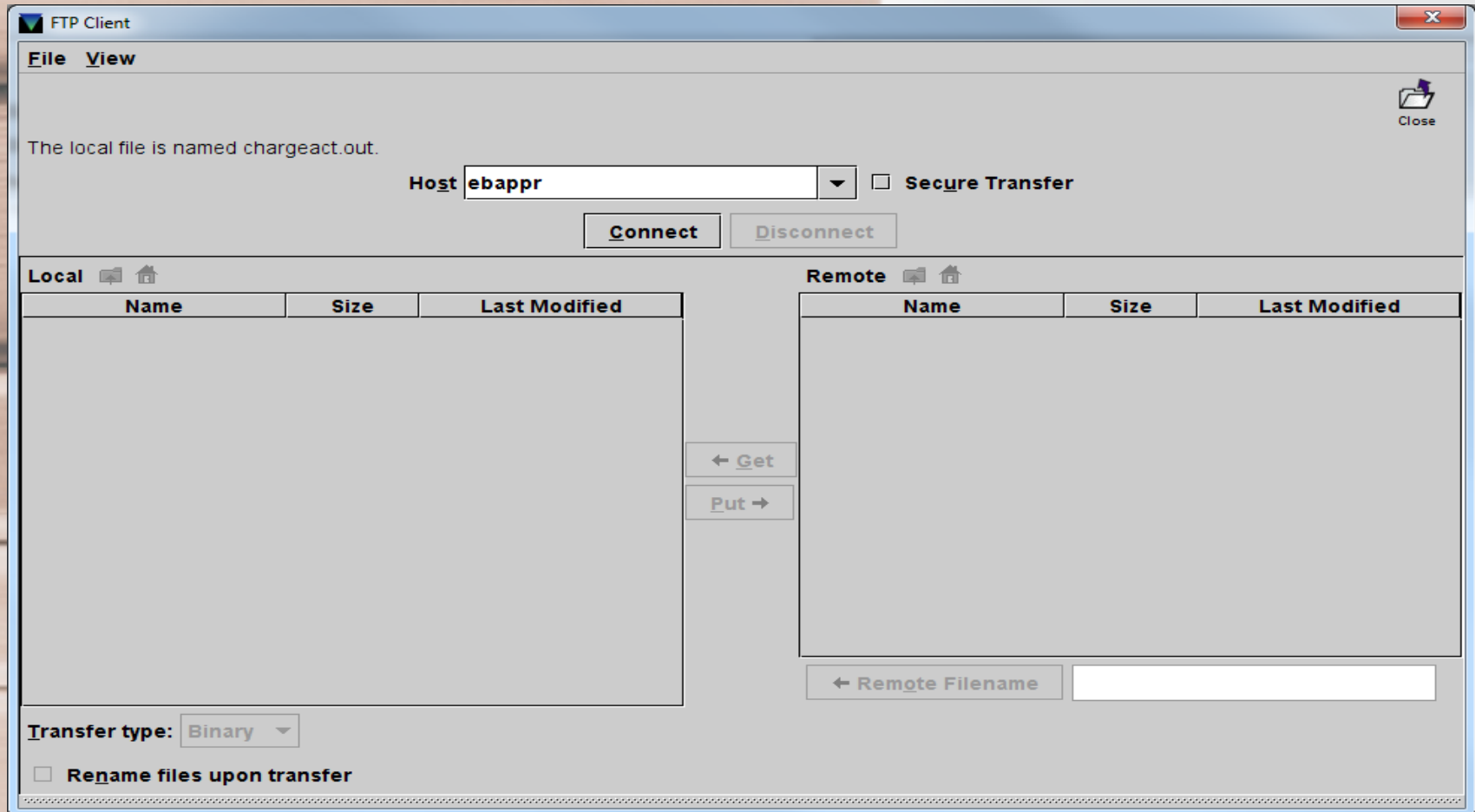
# Payments continue

- After all the order numbers and the prices have been keyed:
  - Calculations are done automatically by the system
  - Totals need to balance with the ones on the invoice
  - Invoice needs to be signed off

# Transfer of information from Millennium to Oracle

- Payment information data is transferred and stored on Oracle to be retrieved by our library finance
  - This is a built in intergration
- All the payments done on Millennium are then automatically available on Oracle

# Screen shot of system intergration



# Screen shot of system integration

The screenshot shows an FTP Client window with the following details:

- Host:** ebappr
- Secure Transfer:**
- Local Path:** /iiidb/data/acct0
- Remote Path:** /usr/interface/library
- Transfer Type:** ASCII
- Options:**  Rename files upon transfer
- Status:** 1 file(s) transferred, Completed

The local file list shows:

Name	Size	Last Modified
chargeact.out	22695	23-09-2014 3:16PM

The remote file list shows:

Name	Size	Last Modified
libprocjt6.dat	90000	25-03-2014 12:00AM
libproclvdw1.dat	106920	06-03-2014 12:00AM
libproclvdw2.dat	84960	09-05-2014 12:59AM
libproclvdw3.dat	58335	13-08-2014 8:39AM
libproclvdw4.dat	98655	16-09-2014 11:20AM
libproclvdw5.dat	74895	22-09-2014 12:04AM
libprocnbr 2.dat	823695	28-07-2014 10:12AM
libprocnng02.dat	27375	18-09-2014 11:09AM
libprocnng03.dat	22695	23-09-2014 3:17PM
libproctn1.dat	20535	16-09-2014 9:47AM
libproctn3.dat	61935	06-08-2014 11:14AM
libproctn5.dat	2895	18-08-2014 8:36AM

# Conclusion

- The systems are interfaced to:
  - Streamline the payment process
  - Maximize efficiency
  - Minimize the waiting periods
  - Minimize human errors
- This enables us to pay our suppliers within the set timeframe

# Thank you

- Questions
- Comments