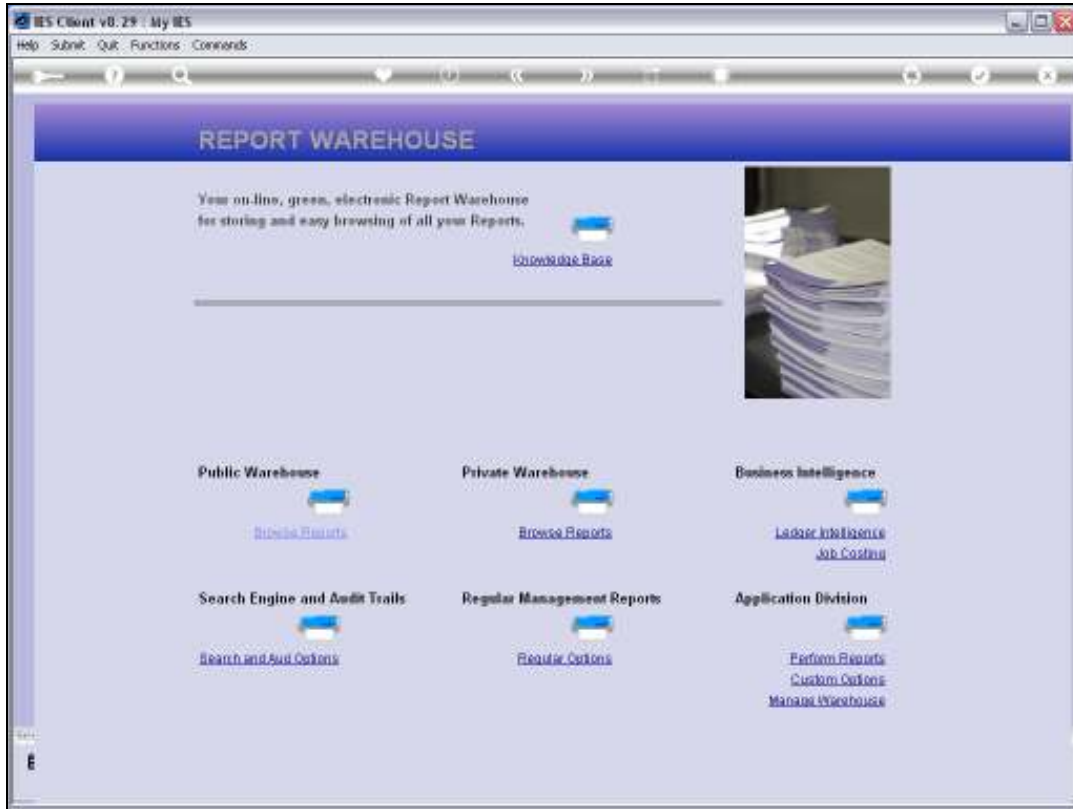




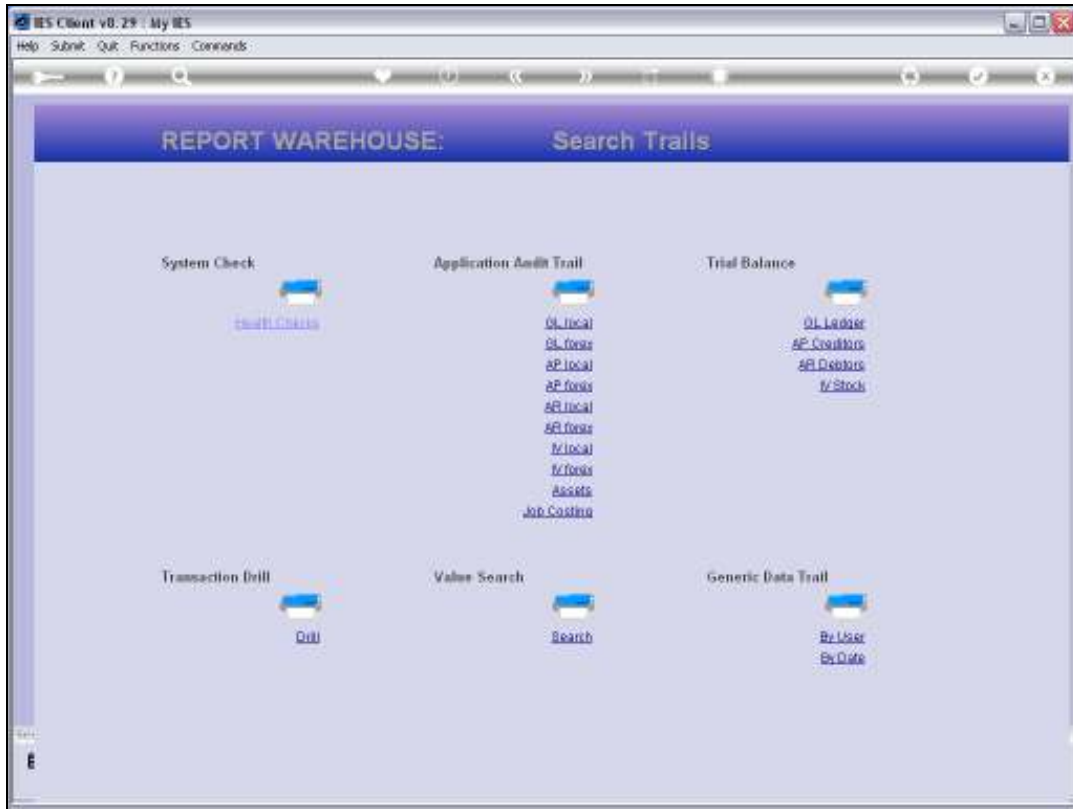
Slide 1

Slide notes: The Transaction Search Engine offers entry points at Accounting Controls and also in the Report Warehouse.

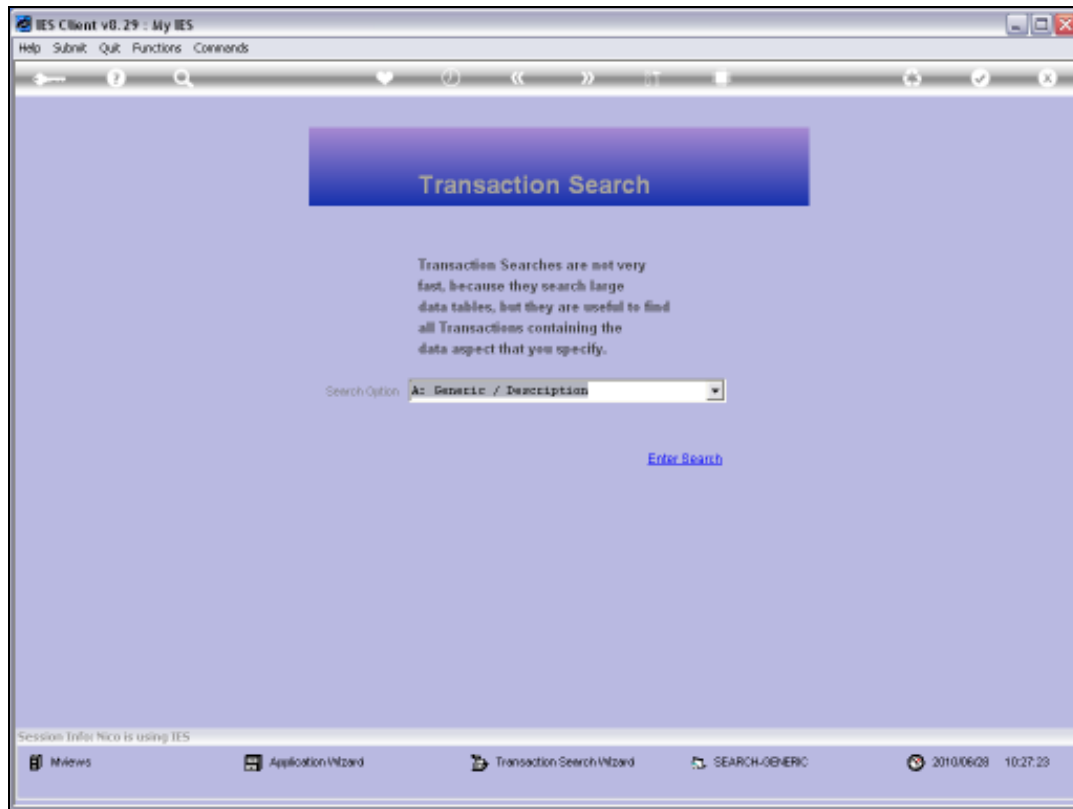


Slide 2

Slide notes: Here, we show entry from the Report Warehouse.

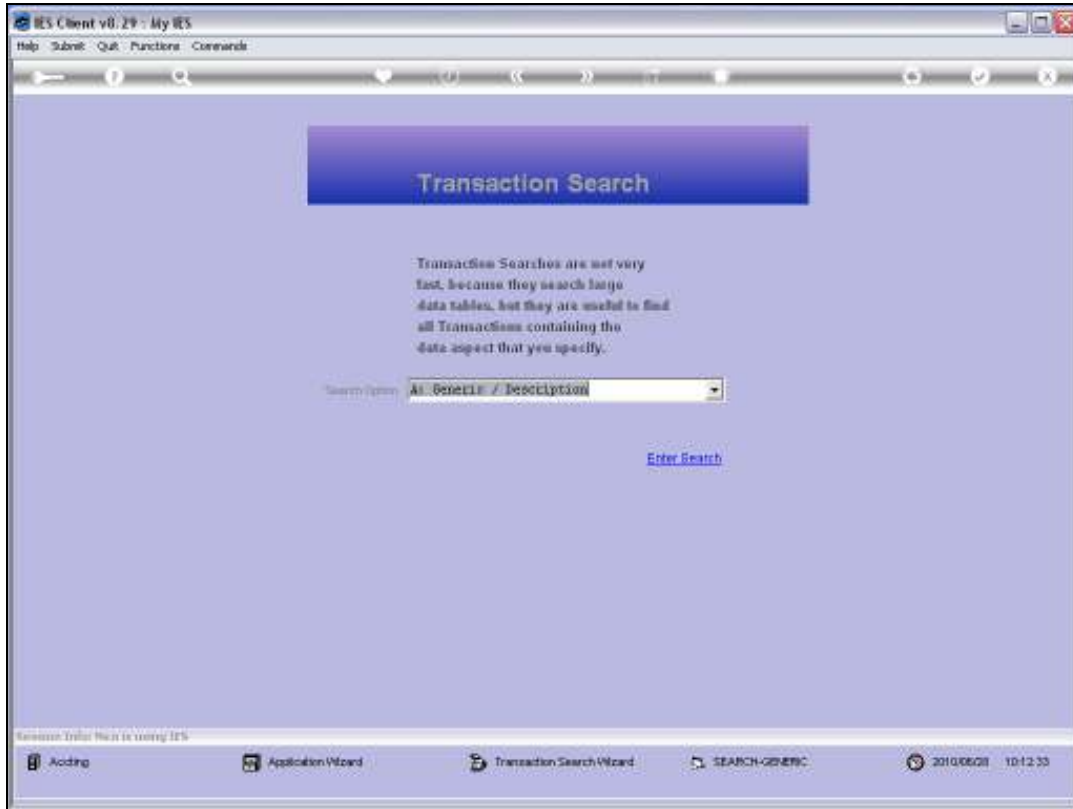


Slide 3  
Slide notes:

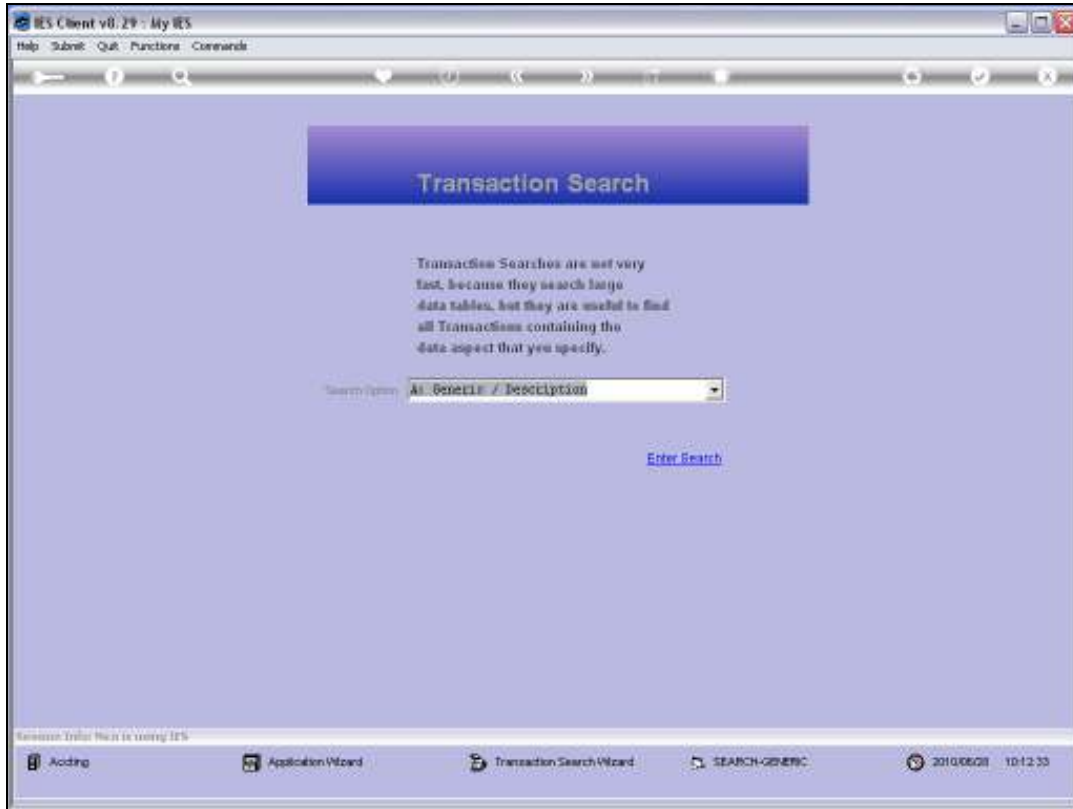


#### Slide 4

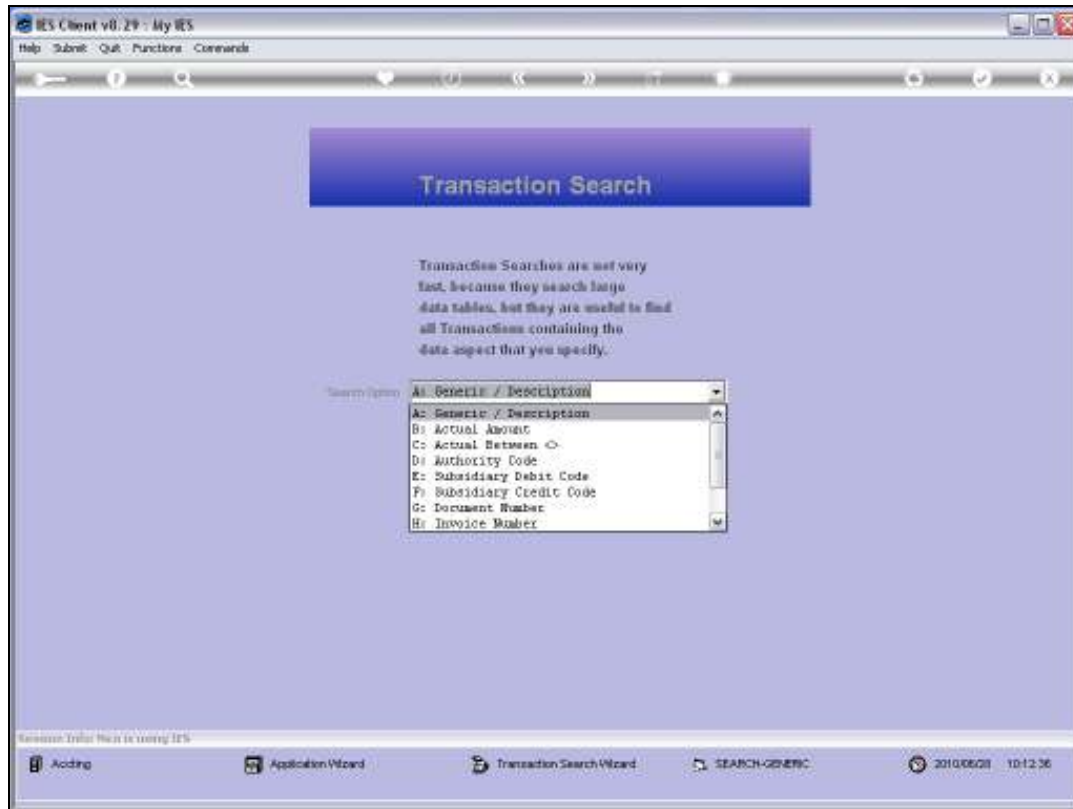
Slide notes: Whatever the entry point, we start with this Transaction Search screen, and here we can select a method for finding the Values we are looking for. That's the purpose of the Search engine, i.e. to find Transactions that we think or believe we have somewhere, but we don't know where.



Slide 5  
Slide notes:

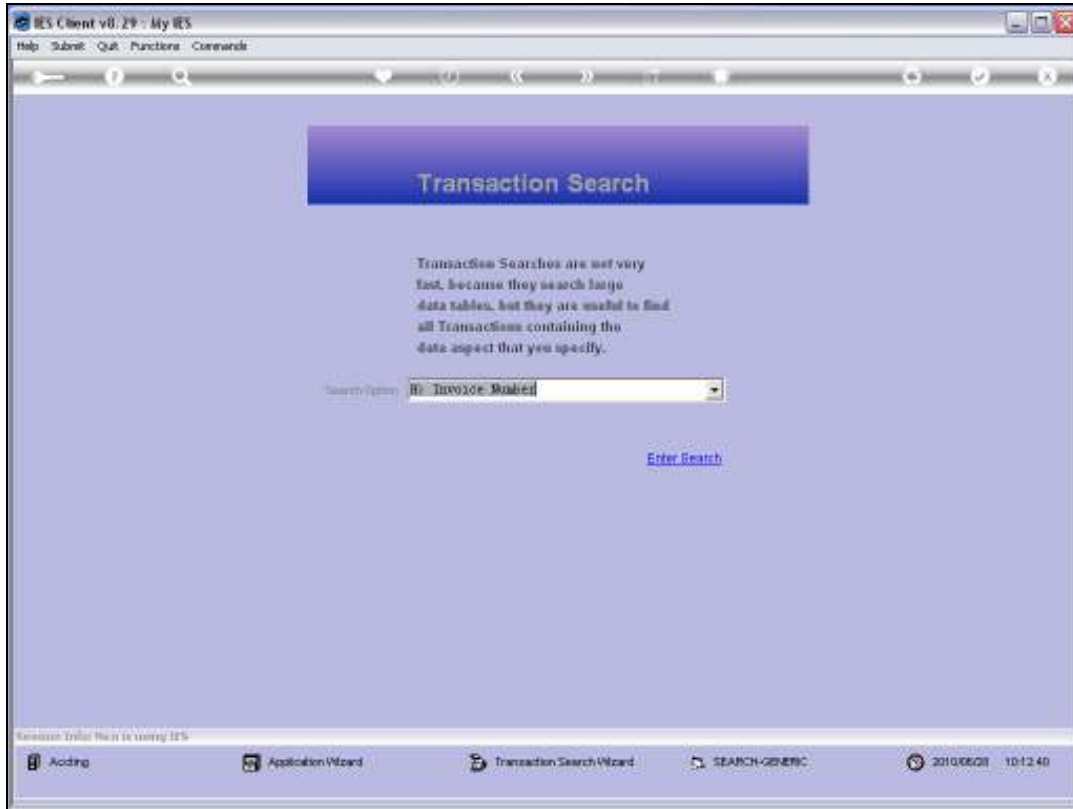


Slide 6  
Slide notes:



## Slide 7

Slide notes: From the available methods, in our example we now choose the Invoice Number search.



Slide 8  
Slide notes:



IES Client v8.29 : My IES  
Help Submit Quit Functions Commands

### IES REPORTS AND QUERIES: - User Instructions

NAME: TRANSACTION SEARCH WIZARD

1: - CHOOSE VERSION [Versions](#)  
Report Version: System version: Search Engine Report: Transactions

2: - CHOOSE SETTINGS  
Format: REPORT  
Output: FILE  
File Type: txt text file  
Template: 999 Blank  
Report Header: Search Engine Report: Transactions

3: - CHOOSE DATA SELECTOR [Change Selection](#)  
Fixed choice: Transaction -> TRANSACTION FIND BY INVOICE NO

4: - TO e-MAIL THE RESULTS. Priority: normal  
 Dispatch By E-Mail Mail Drive: \*  
Mail To: Transaction Search Wizard  
Mail Title: report by mail  
Message Body:

5: - ADAPT DATA SELECTION (if prompts are present)  
How to adapt MY CHOICE

Selection Tip	My Choice
1 Invoice No = ?	123
2 Description = ?	[]

6: - Recent Select  
 OPEN records only  
 CLOSED records Only  
 BOTH

7: - CHOOSE NEXT [Next](#)

## Slide 9

Slide notes: Based on our method of choice, we may select runtime selection criteria, and in this case we specify the number "123" as the Invoice Number we are looking for. We can of course also do it with wildcards, but in this case we say that it is the full Invoice Number. We can also state part of the expected Transaction Description, but in this case we will not.

IES Client v0.29 - My IES

Help Submit Quit Functions Commands

IES REPORTS AND QUERIES: - User Instructions

NAME: TRANSACTION SEARCH WIZARD

1: - CHOOSE VERSION [Versions](#)  
 Report Version:

2: - CHOOSE SETTINGS  
 Format:   
 Output:   
 File Type:   
 Template:   
 Report Header:

3: - CHOOSE DATA SELECTOR [Change Selection](#)  
 Data Selector:

4: - TO e-MAIL THE RESULTS. Priority:   
 Dispatch By E-Mail Mail Drive:   
 Mail To:   
 Mail Title:   
 Message Body:

5: - ADAPT DATA SELECTION (if prompts are present)  
 How to adapt MY CHOICE

Selection Tip	My Choice
1 Invoice No = ?	123
2 Description = ?	[]

6: - Record Select:  
 OPEN Records only  
 CLOSED Records Only  
 BOTH

7: - CHOOSE NEXT [Next](#)

Slide 10  
 Slide notes:

IES Client v8.29 - My IES

Help Submit Quit Functions Commands

---

**IES REPORTS AND QUERIES: - User Instructions**

NAME: TRANSACTION SEARCH WIZARD

1: - CHOOSE VERSION [Versions](#)  
 Report Version:

2: - CHOOSE SETTINGS  
 Format:   
 Output:   
 File Type:   
 Template:   
 Report Header:

3: - CHOOSE DATA SELECTOR [Change Selection](#)  
 Data Selector:

4: - TO e-MAIL THE RESULTS. Priority:   
 Dispatch By E-Mail Mail Drive:

Mail To:   
 Mail Title:   
 Message Body:

5: - ADAPT DATA SELECTION (if prompts are present)  
 How to adapt MY CHOICE

Selection Tip	My Choice
1 Invoice No = ?	[123]
2 Description = ?	[ ]

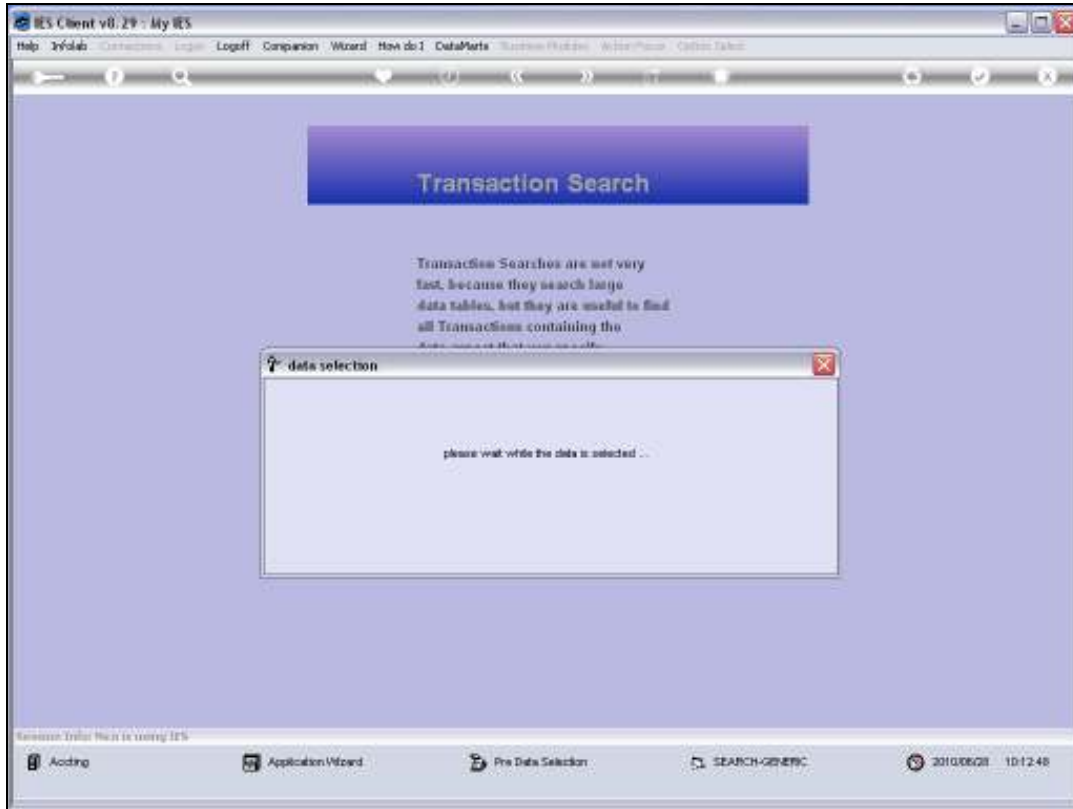
6: - Record Select:  
 OPEN Records only  
 CLOSED Records Only  
 BOTH

7: - CHOOSE NEXT [Next](#)

Slide 11  
 Slide notes:

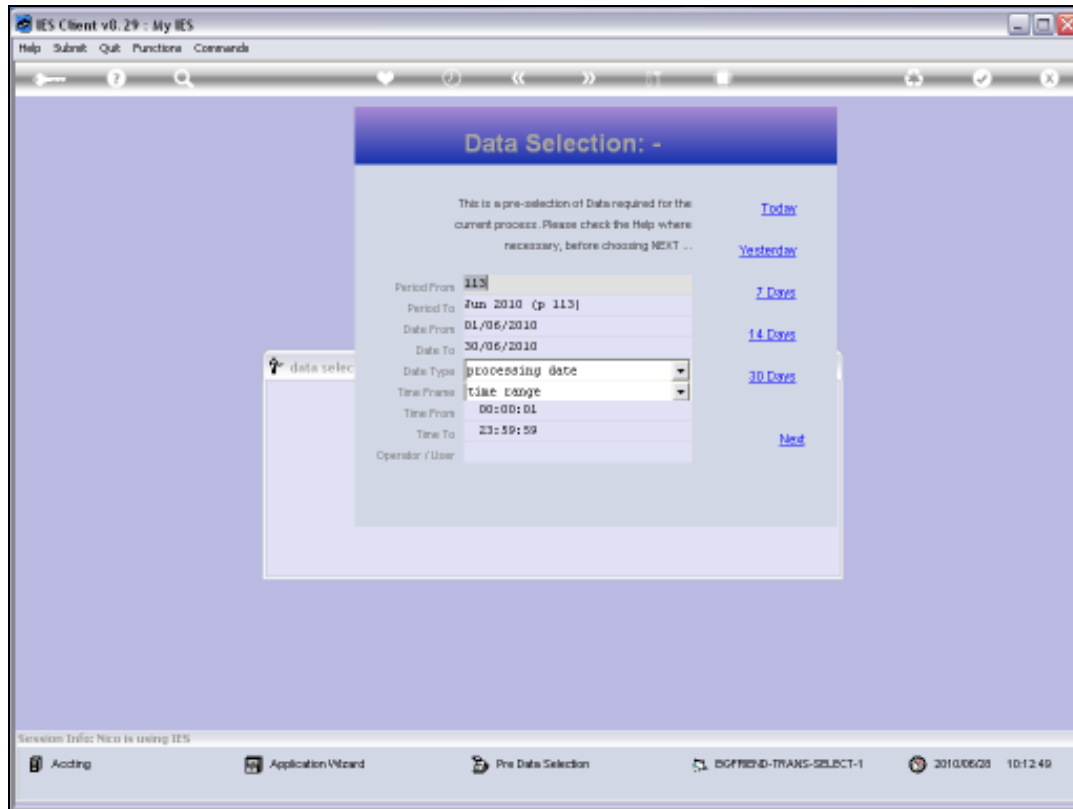


Slide 12  
Slide notes:



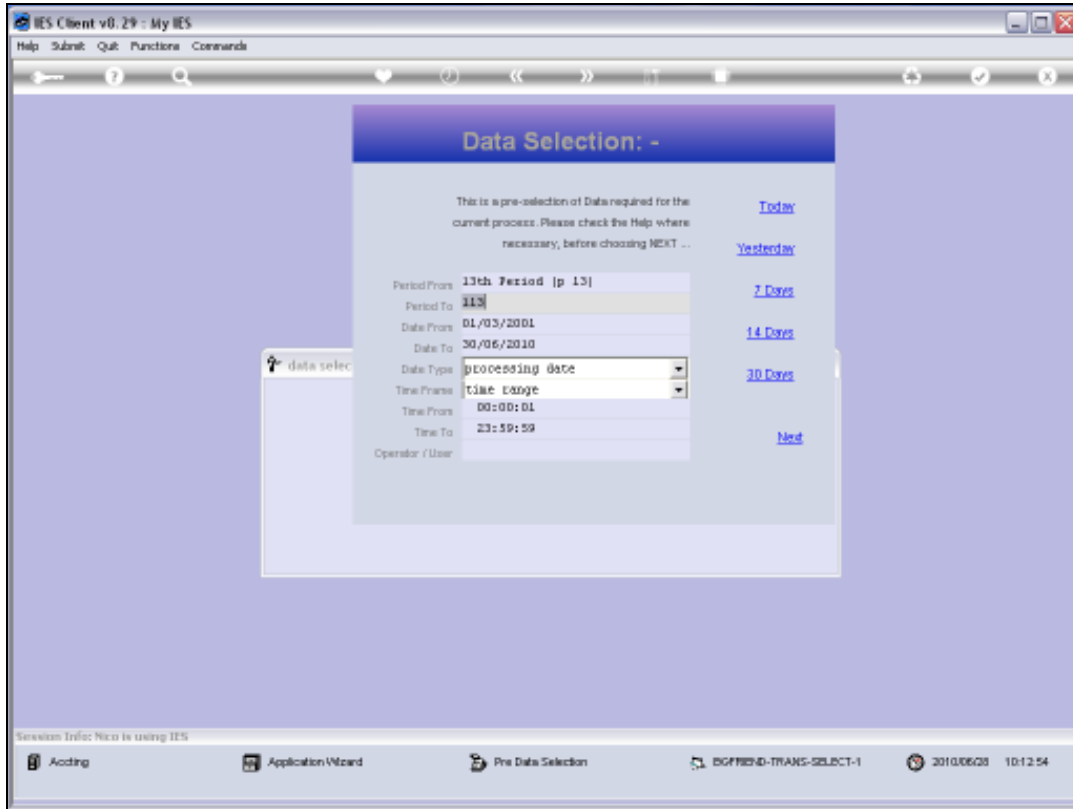
Slide 13

Slide notes:



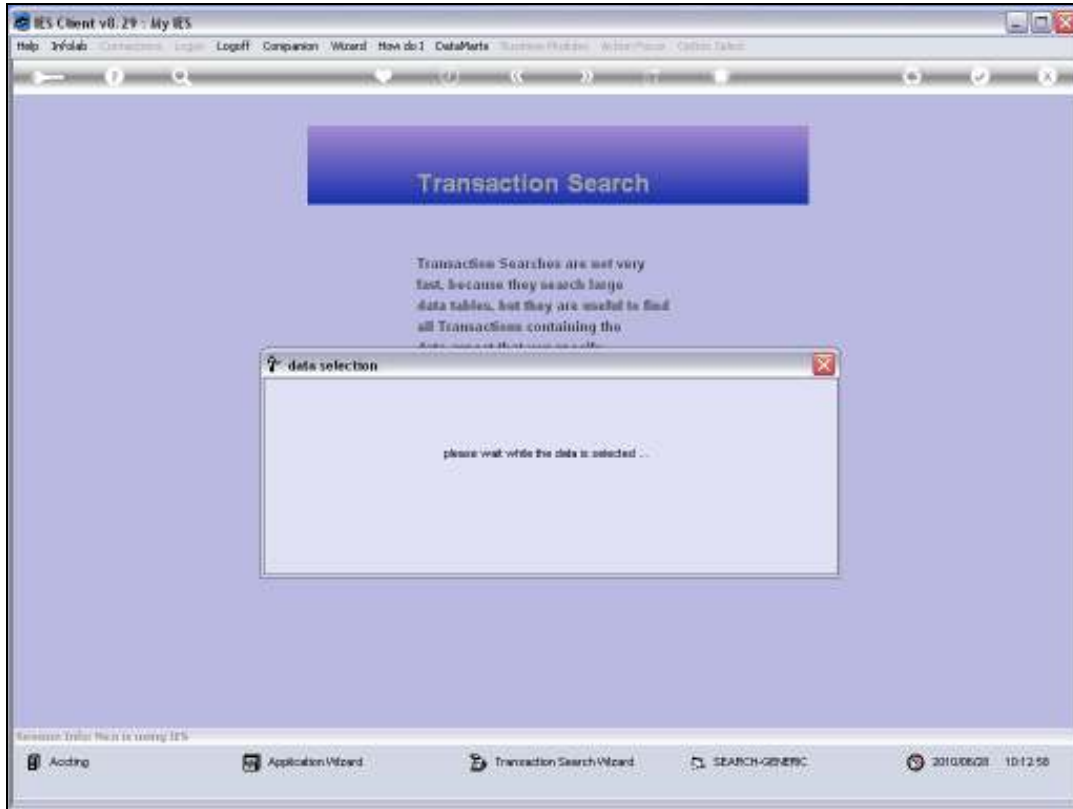
#### Slide 14

Slide notes: Since the Transaction Database may be quite large, we can also select a specific Period Range in which to search.



Slide 15

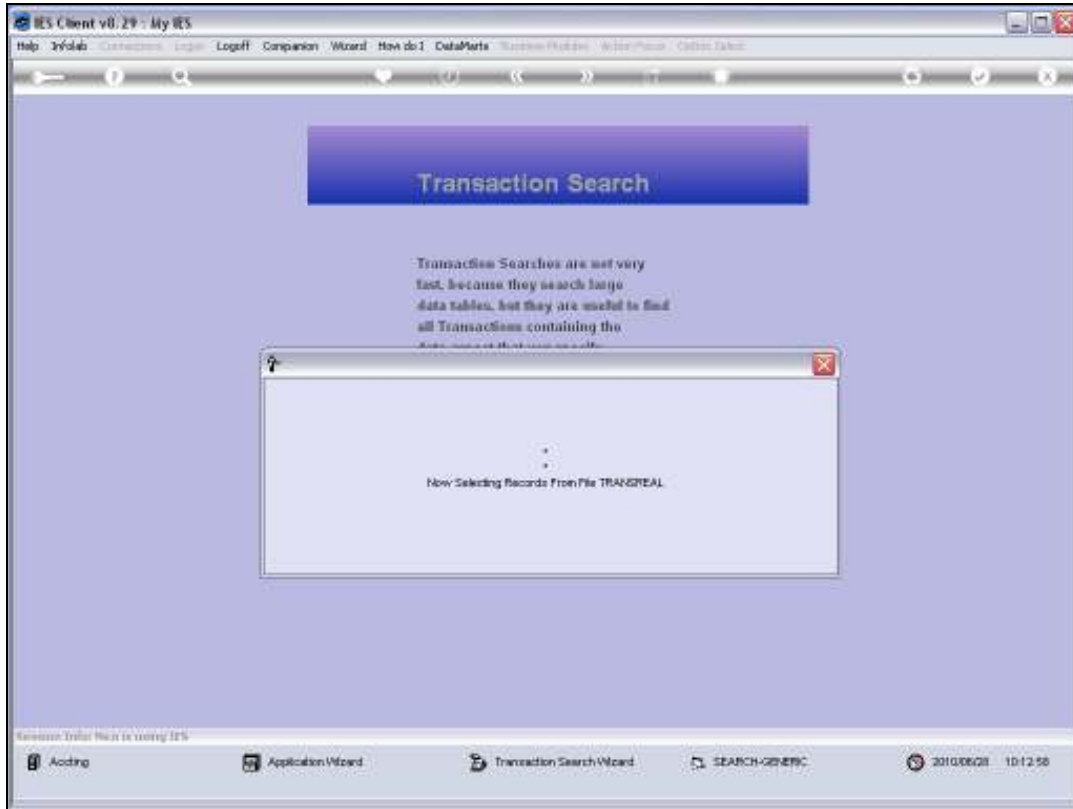
Slide notes:



Slide 16

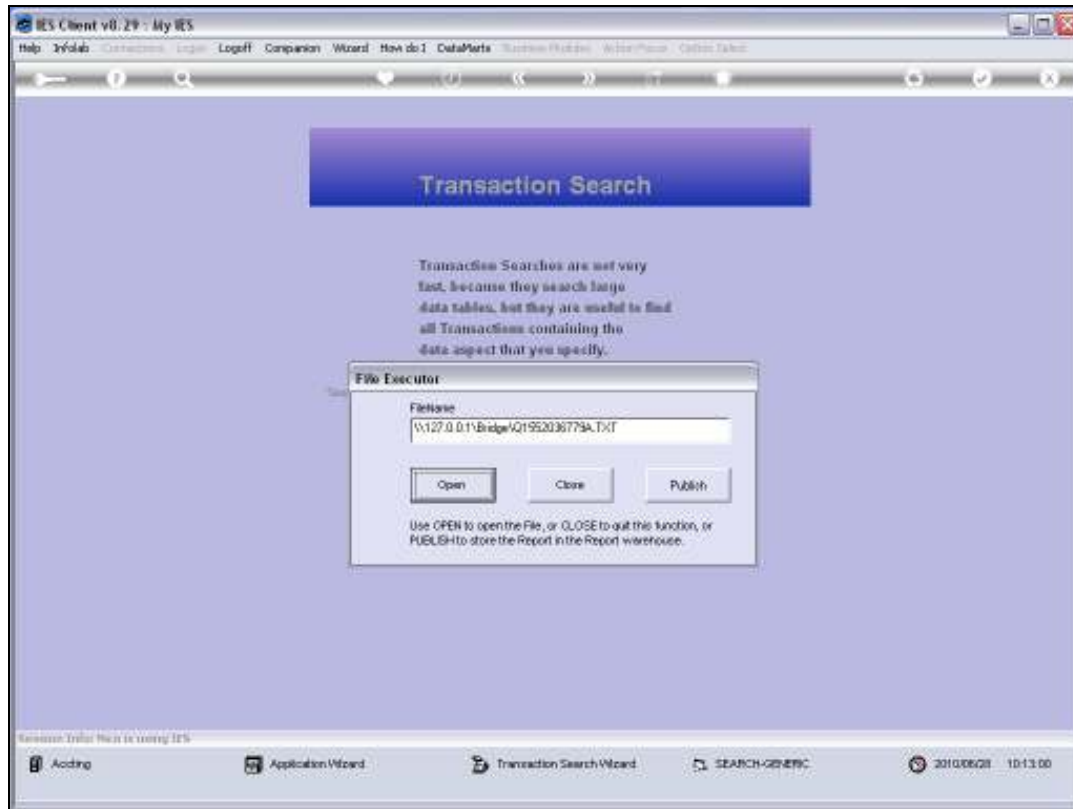
Slide notes: And then the system starts searching. Although the Data are indexed, the Transaction base may be quite large and depending on the Period Range included, the search may be quick or take a while.





Slide 17

Slide notes:



Slide 18

Slide notes: When the search concludes, we have a Report File to open.

Q1552036779A.TXT - Notepad

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Dunay Hoops Inc.

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Search Engine Report: Transactions

Key.....	Date.....	Description.....	Logical Id.....	Logical Cr.....	Document.....	Period.....
135255279E	10/01/2005	[IMV] PAPER DRAFT .35	50:05-01	ap:c00005	y777	Nov 2005 (p 58)
1354792247A	01/02/2005	Negative Pmt	ap:c00010	gl:10101052	122	Dec 2005 (p 59)
1354792411E	01/02/2005	Negative Charge	gl:10101052	ap:c00010	122	Dec 2005 (p 59)
1355046319A	04/02/2005	Test Req	gl:10101020	ap:c00010	122	Dec 2005 (p 59)
1355046469A	04/02/2005	Test Req TP	gl:10101020	ap:c00010	122	Dec 2005 (p 59)
1355046665A	04/02/2005	Test Pos TP	gl:10101020	ap:c00010	122	Dec 2005 (p 59)
1355046759A	04/02/2005	Test Pos	gl:10101020	ap:c00010	122	Dec 2005 (p 59)
1360644459E	01/04/2005	[GRV] MICRON HL-12 REMOTE	50:0244450-01	ap:c00001	psml	Jan 2006 (p 60)
1548042767	19/05/2010	[Lvw] Photo Paper	50:01-01	ap:c00002	99999a	Apr 2010 (p 111)
1548042767E	19/05/2010	Auto Landed Cost Levy	50:01-01	gl:10000050B	99999a	Apr 2010 (p 111)
1548042101	19/05/2010	[Lvw] Photo Paper	50:01-01	ap:c00002	99999a	Apr 2010 (p 111)
1548042101E	19/05/2010	Auto Landed Cost Levy	50:01-01	gl:10000050B	99999a	Apr 2010 (p 111)

12 record(s) listed

Slide 19

Slide notes:

Q1552036779A.TXT - Notepad

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Search Engine Report: Transactions

Key.....	Date.....	Description.....	Logical Id.....	Logical Cr.....	Document.....	Period.....
1352559279E	10/01/2005	[IMV] PAPER DRAFT .35	50:05-01	ap:c0000E	y777	Nov 2005 (p 58)
1354792247A	01/02/2005	Negative Pac	ap:c00010	gl:101010E2	122	Dec 2005 (p 59)
1354792411E	01/02/2005	Negative Charge	gl:101010E2	ap:c00010	122	Dec 2005 (p 59)
1355046319A	04/02/2005	Test Req	gl:101010E2	ap:c00010	122	Dec 2005 (p 59)
1355046469A	04/02/2005	Test Req TP	gl:101010E2	ap:c00010	122	Dec 2005 (p 59)
1355046665A	04/02/2005	Test Pos TP	gl:101010E2	ap:c00010	122	Dec 2005 (p 59)
1355046759A	04/02/2005	Test Pos	gl:101010E2	ap:c00010	122	Dec 2005 (p 59)
1360644497E	01/04/2005	[GRV] MICRON HL-12 REMOTE	50:0244450-01	ap:c00001	psml	Jan 2006 (p 60)
1548042767	19/05/2010	[Inv] Photo Paper	50:01-01	ap:c0000E	99999a	Apr 2010 (p 111)
1548042767E	19/05/2010	Auto Landed Cost Levy	50:01-01	gl:10000050B	99999a	Apr 2010 (p 111)
1548042101	19/05/2010	[Inv] Photo Paper	50:01-01	ap:c0000E	99999a	Apr 2010 (p 111)
1548042101E	19/05/2010	Auto Landed Cost Levy	50:01-01	gl:10000050B	99999a	Apr 2010 (p 111)

12 record(s) listed

## Slide 20

Slide notes: And here are the results. In this case, quite a number of Transactions have been found with this Invoice Number. Though when we look at the Report, there is no Invoice Column, although the Document Number in some cases seem to agree with the Invoice Number.

```

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Dunay Hoops Inc.
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Search Engine Report: Transactions

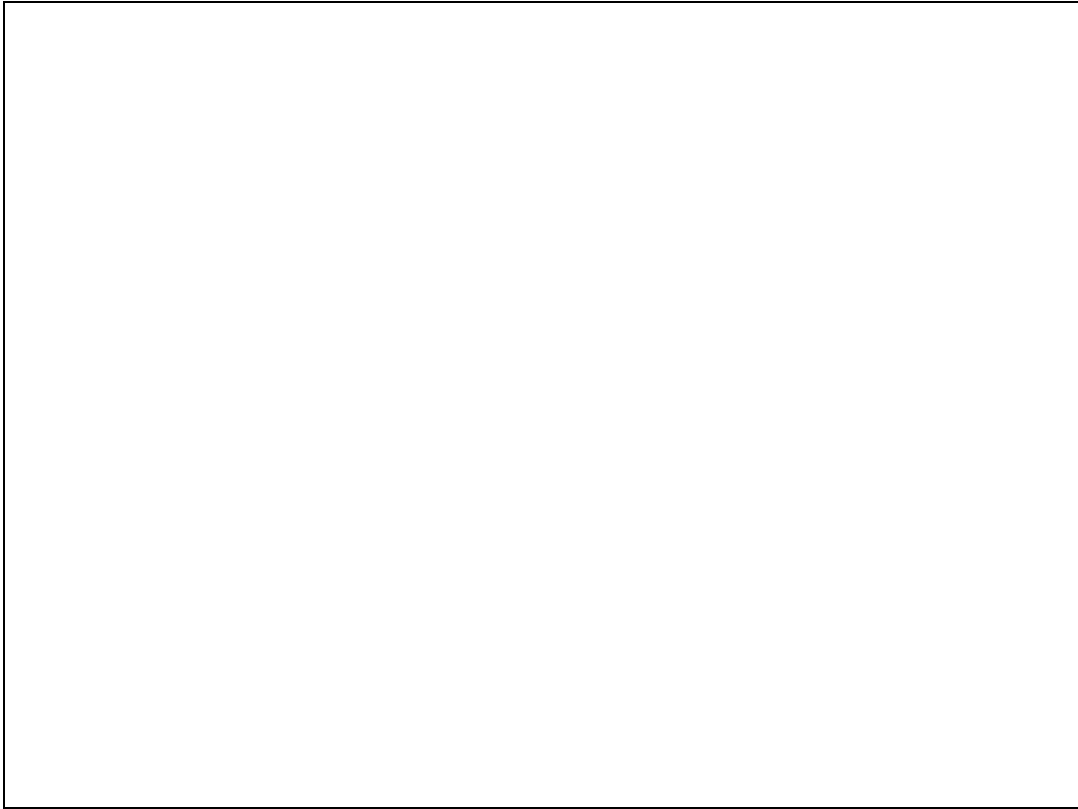
Key.....Date.....Description.....Logical Id.....Logical Cr.....Document.....Period.....
1352559279E  10/01/2005 [IMJ] PAPER DRAFT .35  10:05-01  ap:c0000E  y777  Nov 2005 (p 58)
1354792247A  01/02/2005 Negative Pac  ap:c00010  gl:101010E2  122  Dec 2005 (p 59)
1354792411E  01/02/2005 Negative Charge  gl:101010E2  ap:c00010  122  Dec 2005 (p 59)
1355046319A  04/02/2005 Test Req  gl:101010E2  ap:c00010  122  Dec 2005 (p 59)
1355046469A  04/02/2005 Test Req TP  gl:101010E2  ap:c00010  122  Dec 2005 (p 59)
1355046665A  04/02/2005 Test Pos TP  gl:101010E2  ap:c00010  122  Dec 2005 (p 59)
1355046759A  04/02/2005 Test Pos  gl:101010E2  ap:c00010  122  Dec 2005 (p 59)
1360644497E  01/04/2005 [GRV] MICRO HL-12 REMOTE  10:0244450-01  ap:c00001  pcal  Jan 2006 (p 60)
1548042767  19/05/2010 [LW] Photo Paper  10:01-01  ap:c0000E  99999a  Apr 2010 (p 111)
1548042767E  19/05/2010 Auto Landed Cost Levy  10:01-01  gl:10000050B  99999a  Apr 2010 (p 111)
1548042101  19/05/2010 [LW] Photo Paper  10:01-01  ap:c0000E  99999a  Apr 2010 (p 111)
1548042101E  19/05/2010 Auto Landed Cost Levy  10:01-01  gl:10000050B  99999a  Apr 2010 (p 111)

12 record(s) listed

```

## Slide 21

Slide notes: Nonetheless, let us choose a Key as an example, then we can use that to drill into the system and see the Transaction details.



Slide 22

Slide notes: So we will copy the 1st Transaction Key.

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Search Engine Report: Transactions

Key.....	Date.....	Description.....	Logical Id.....	Logical Cr.....	Document.....	Period.....
1355555579A	10/01/2005	[IMJ] PAPER DRAFT .35	10:05-01	ap:c00005	y777	Nov 2005 (p 58)
1354792247A	01/02/2005	Negative Pac	ap:c00010	gl:10101052	122	Dec 2005 (p 59)
1354792411B	01/02/2005	Negative Charge	gl:10101052	ap:c00010	122	Dec 2005 (p 59)
1355046319A	04/02/2005	Test Req	gl:10101020	ap:c00010	122	Dec 2005 (p 59)
1355046469A	04/02/2005	Test Req TP	gl:10101020	ap:c00010	122	Dec 2005 (p 59)
1355046665A	04/02/2005	Test Pos TP	gl:10101020	ap:c00010	122	Dec 2005 (p 59)
1355046759A	04/02/2005	Test Pos	gl:10101020	ap:c00010	122	Dec 2005 (p 59)
1360644497B	01/04/2005	[GRV] MICRON HL-12 REMOTE	10:0244450-01	ap:c00001	psml	Jan 2006 (p 60)
1548042767	19/05/2010	[LW] Photo Paper	10:01-01	ap:c00002	99999a	Apr 2010 (p 111)
1548042767E	19/05/2010	Auto Landed Cost Levy	10:01-01	gl:10000050B	99999a	Apr 2010 (p 111)
1548042101	19/05/2010	[LW] Photo Paper	10:01-01	ap:c00002	99999a	Apr 2010 (p 111)
1548042101E	19/05/2010	Auto Landed Cost Levy	10:01-01	gl:10000050B	99999a	Apr 2010 (p 111)

12 record(s) listed

Slide 23

Slide notes:

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Search Engine Report: Transactions

Key.....	Date.....	Description.....	Logical Id.....	Logical Cr.....	Document.....	Period.....
12 Undo	10/01/2005	[IMJ] PAPER DRAFT .35	10:05-01	ap:c00005	y777	Nov 2005 (p 58)
12	01/02/2005	Negative Pmt	ap:c00010	gl:10101052	122	Dec 2005 (p 59)
12	01/02/2005	Negative Charge	gl:10101052	ap:c00010	122	Dec 2005 (p 59)
12 Cut	04/02/2005	Test Req	gl:10101020	ap:c00010	122	Dec 2005 (p 59)
12 Copy	04/02/2005	Test Req TP	gl:10101020	ap:c00010	122	Dec 2005 (p 59)
12 Paste	04/02/2005	Test Pos TP	gl:10101020	ap:c00010	122	Dec 2005 (p 59)
12 Delete	04/02/2005	Test Pos	gl:10101020	ap:c00010	122	Dec 2005 (p 59)
12	01/04/2005	[GRV] MICRON HL-12 REMOTE	10:0244450-01	ap:c00001	psml	Jan 2006 (p 60)
15 Select All	19/05/2010	[iww] Photo Paper	10:01-01	ap:c00002	99999a	Apr 2010 (p 111)
15	19/05/2010	Auto Landed Cost Levy	10:01-01	gl:10000050B	99999a	Apr 2010 (p 111)
1548042101	19/05/2010	[iww] Photo Paper	10:01-01	ap:c00002	99999a	Apr 2010 (p 111)
1548042101R	19/05/2010	Auto Landed Cost Levy	10:01-01	gl:10000050B	99999a	Apr 2010 (p 111)

12 record(s) listed

Slide 24  
 Slide notes:



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Search Engine Report: Transactions

Key	Date	Description	Logical Id	Logical Cr	Document	Period
10	10/01/2005	[IMJ] PAPER DRAFT .35	10:05-01	ap:c00002	y777	Nov 2005 (p 58)
12	01/02/2005	Negative Pmt	ap:c00010	gl:10101052	122	Dec 2005 (p 59)
12	01/02/2005	Negative Charge	gl:10101052	ap:c00010	122	Dec 2005 (p 59)
12	04/02/2005	Test Req	gl:10101020	ap:c00010	122	Dec 2005 (p 59)
12	04/02/2005	Test Req TP	gl:10101020	ap:c00010	122	Dec 2005 (p 59)
12	04/02/2005	Test Pos TP	gl:10101020	ap:c00010	122	Dec 2005 (p 59)
12	04/02/2005	Test Pos	gl:10101020	ap:c00010	122	Dec 2005 (p 59)
12	01/04/2005	[GRV] MIPROM HL-12 REMOTE	10:0244450-01	ap:c00001	psml	Jan 2006 (p 60)
15	19/05/2010	[Lvw] Photo Paper	10:01-01	ap:c00002	99999a	Apr 2010 (p 111)
15	19/05/2010	Auto Landed Cost Levy	10:01-01	gl:100000500	99999a	Apr 2010 (p 111)
1548042101	19/05/2010	[Lvw] Photo Paper	10:01-01	ap:c00002	99999a	Apr 2010 (p 111)
1548042101R	19/05/2010	Auto Landed Cost Levy	10:01-01	gl:100000500	99999a	Apr 2010 (p 111)

12 record(s) listed

Slide 25  
Slide notes:

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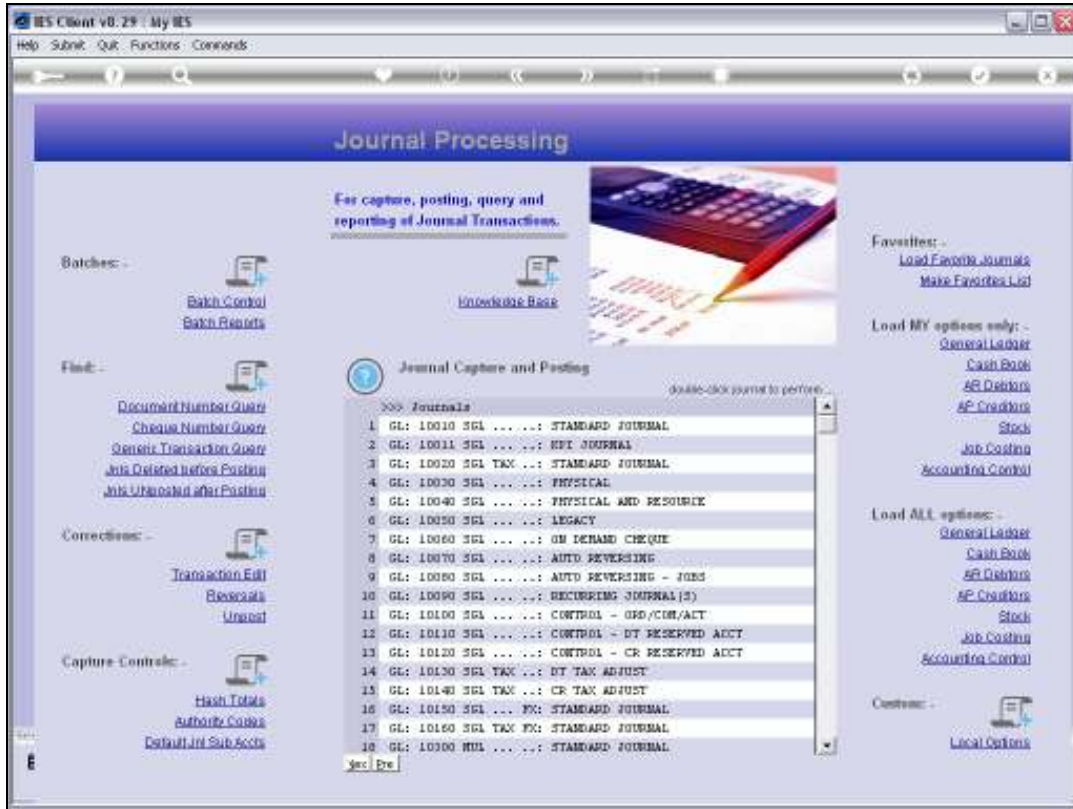
Search Engine Report: Transactions

Key.....	Date.....	Description.....	Logical Id.....	Logical Cr.....	Document.....	Period.....
1355555579A	10/01/2005	[IMJ] PAPER DRAFT .35	50:05-01	ap:c00002	y777	Nov 2005 (p 58)
1354792247A	01/02/2005	Negative Pac	ap:c00010	gl:10101052	122	Dec 2005 (p 59)
1354792411B	01/02/2005	Negative Charge	gl:10101052	ap:c00010	122	Dec 2005 (p 59)
1355046319A	04/02/2005	Test Req	gl:10101020	ap:c00010	122	Dec 2005 (p 59)
1355046469A	04/02/2005	Test Req TP	gl:10101020	ap:c00010	122	Dec 2005 (p 59)
1355046665A	04/02/2005	Test Pos TP	gl:10101020	ap:c00010	122	Dec 2005 (p 59)
1355046759A	04/02/2005	Test Pos	gl:10101020	ap:c00010	122	Dec 2005 (p 59)
1360644497B	01/04/2005	[GRV] MICRON HL-12 REMOTE	50:0244450-01	ap:c00001	psml	Jan 2006 (p 60)
1548042767	19/05/2010	[LW] Photo Paper	50:01-01	ap:c00002	99999a	Apr 2010 (p 111)
1548042767E	19/05/2010	Auto Landed Cost Levy	50:01-01	gl:10000050B	99999a	Apr 2010 (p 111)
1548042101	19/05/2010	[LW] Photo Paper	50:01-01	ap:c00002	99999a	Apr 2010 (p 111)
1548042101E	19/05/2010	Auto Landed Cost Levy	50:01-01	gl:10000050B	99999a	Apr 2010 (p 111)

12 record(s) listed

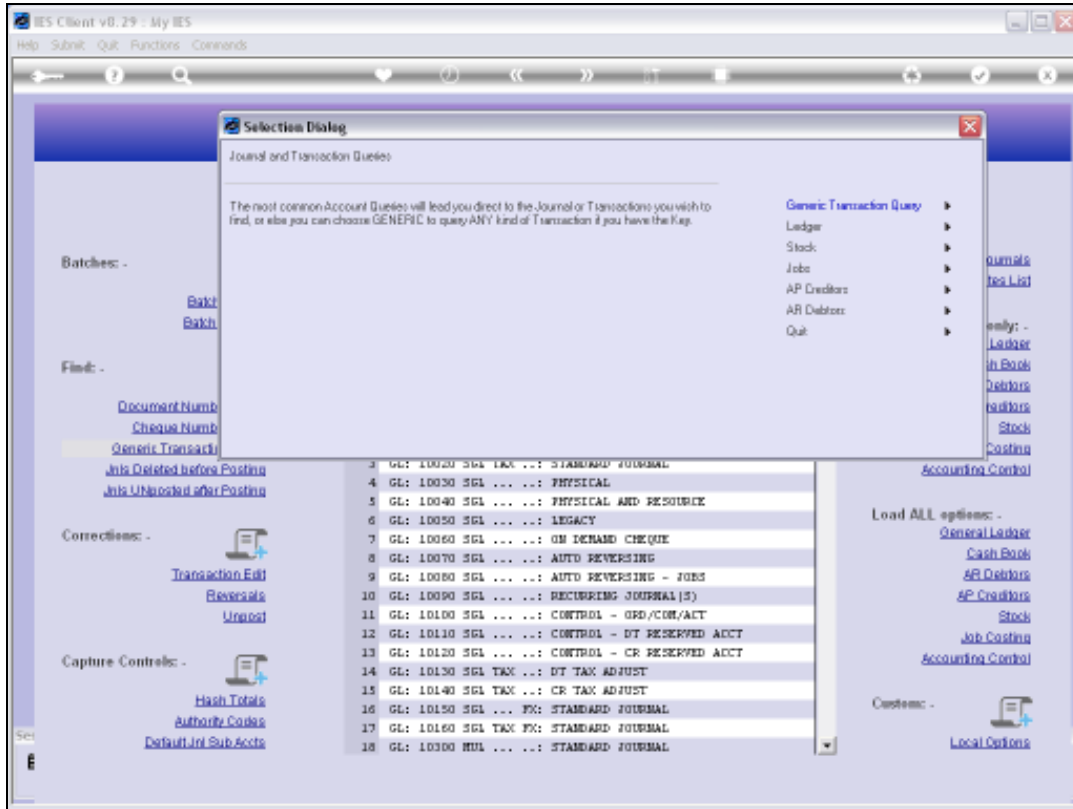
Slide 26

Slide notes:

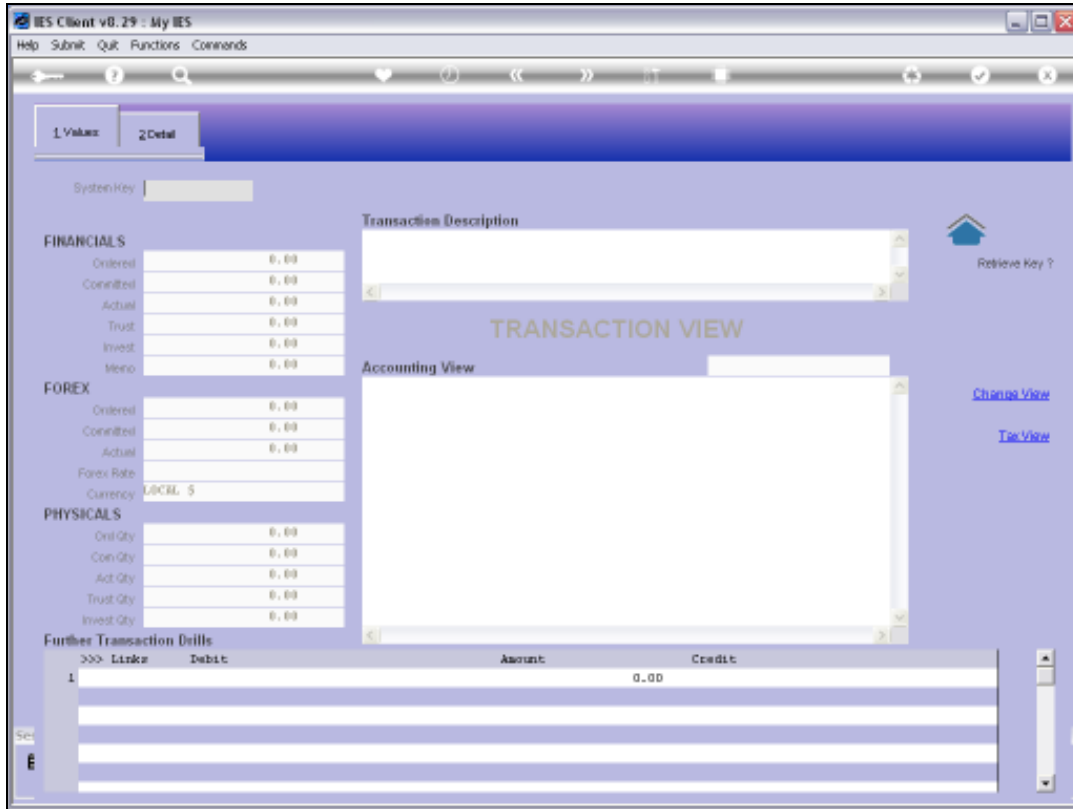


Slide 27

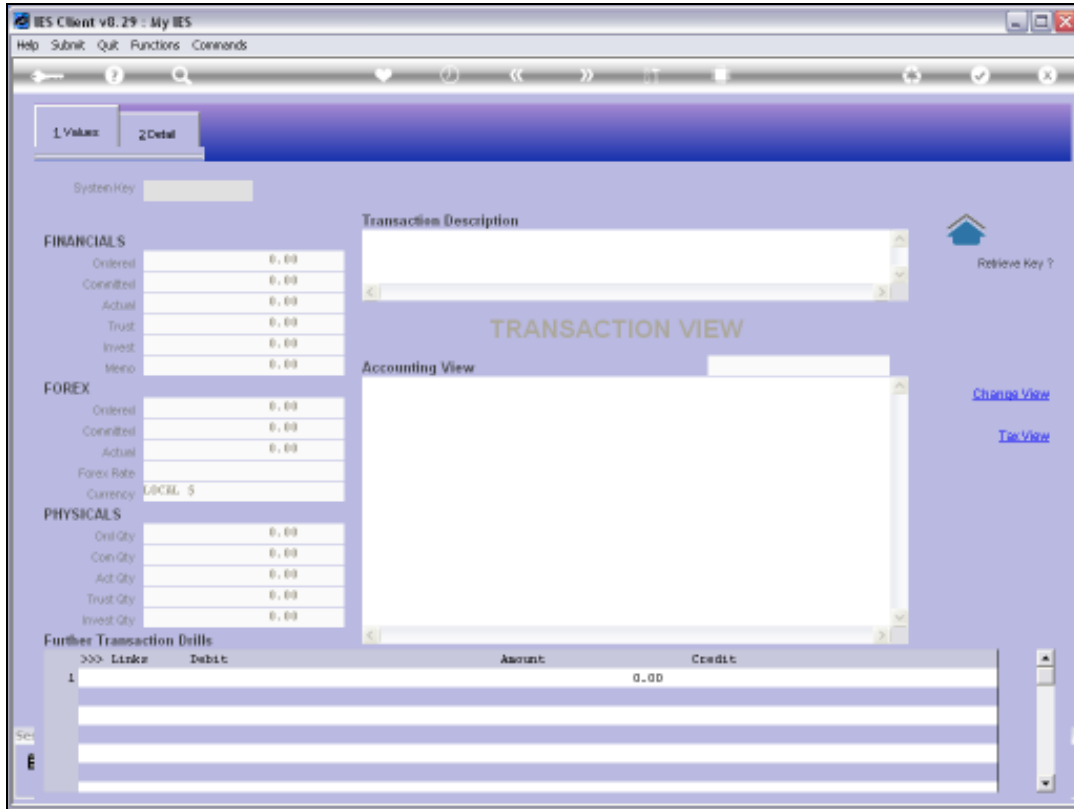
Slide notes: And then we use the Transaction Query option found at Journal Processing.



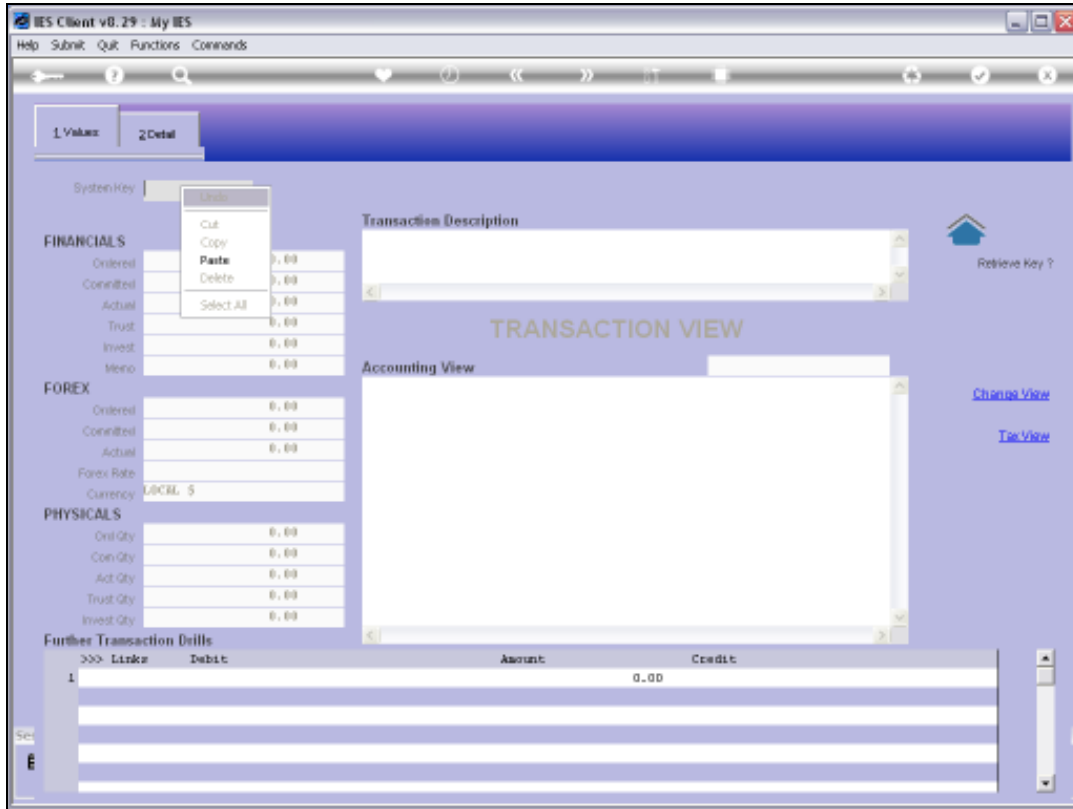
Slide 28  
Slide notes:



Slide 29  
Slide notes:

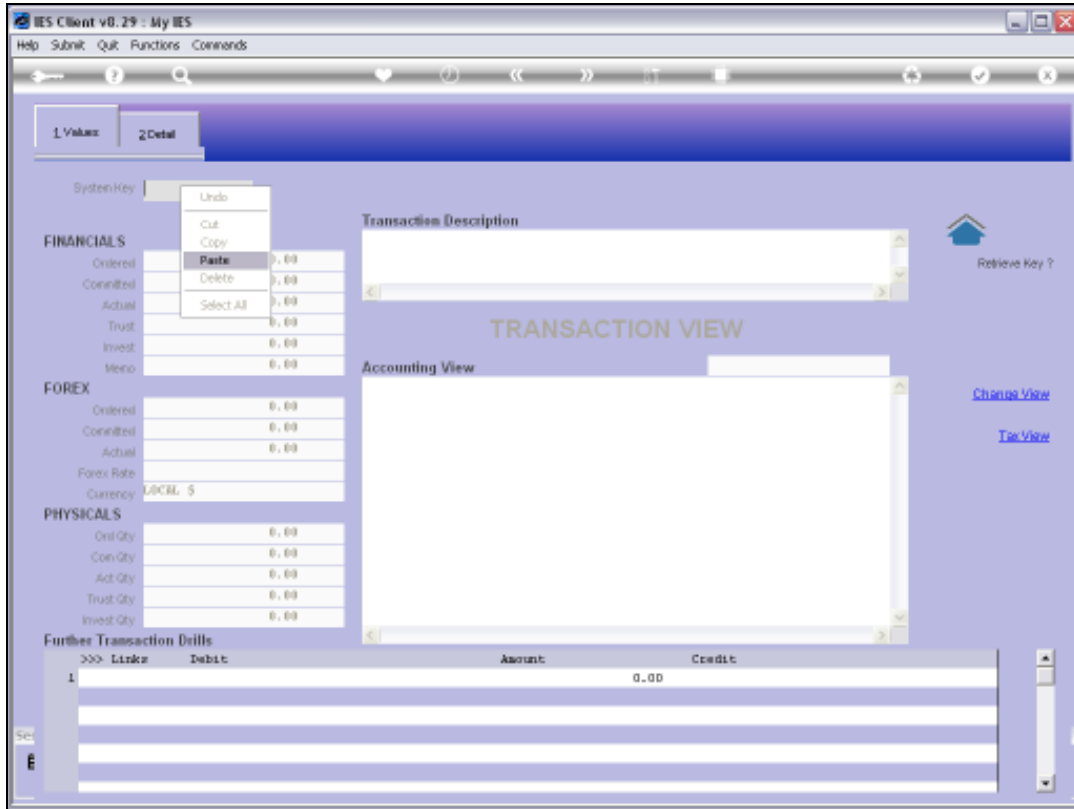


Slide 30  
Slide notes:



Slide 31

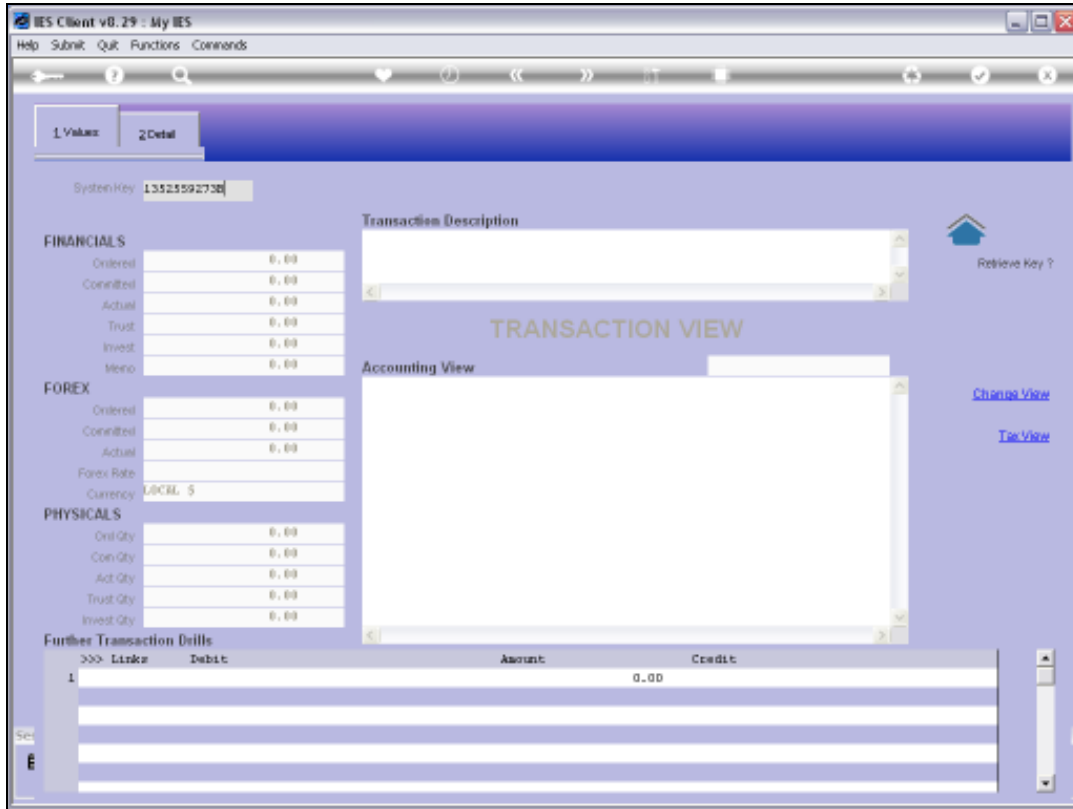
Slide notes: We paste that Key in here.



Slide 32

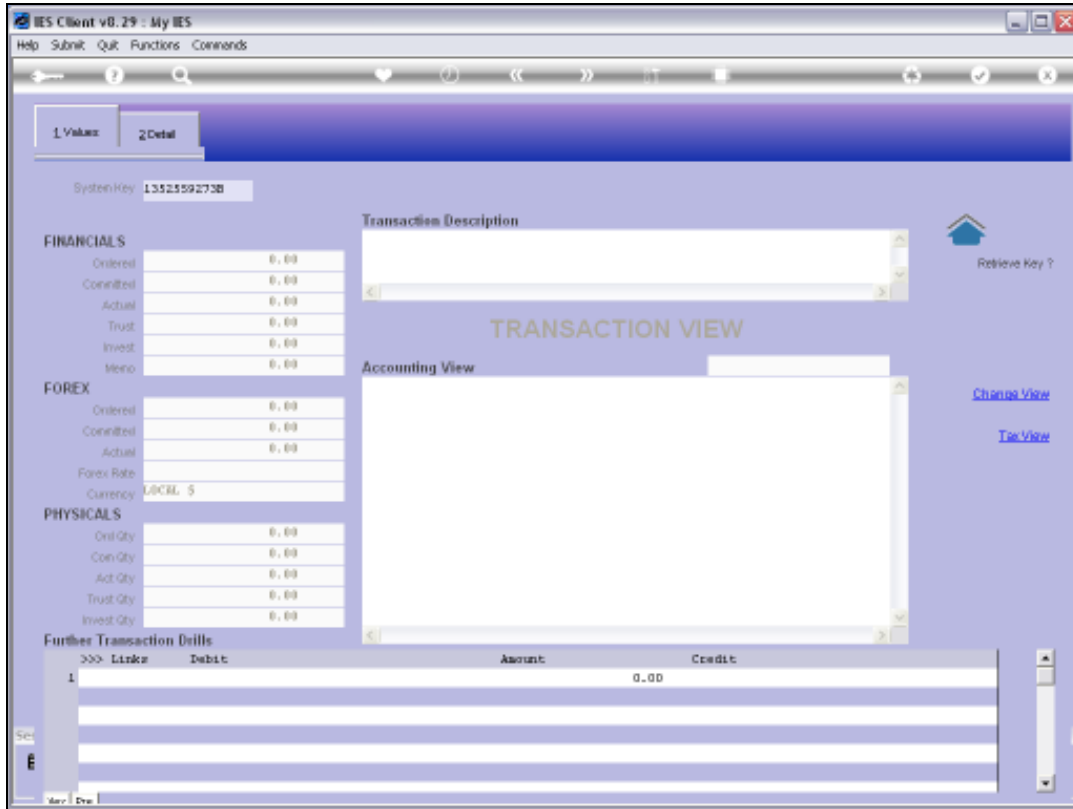
Slide notes:





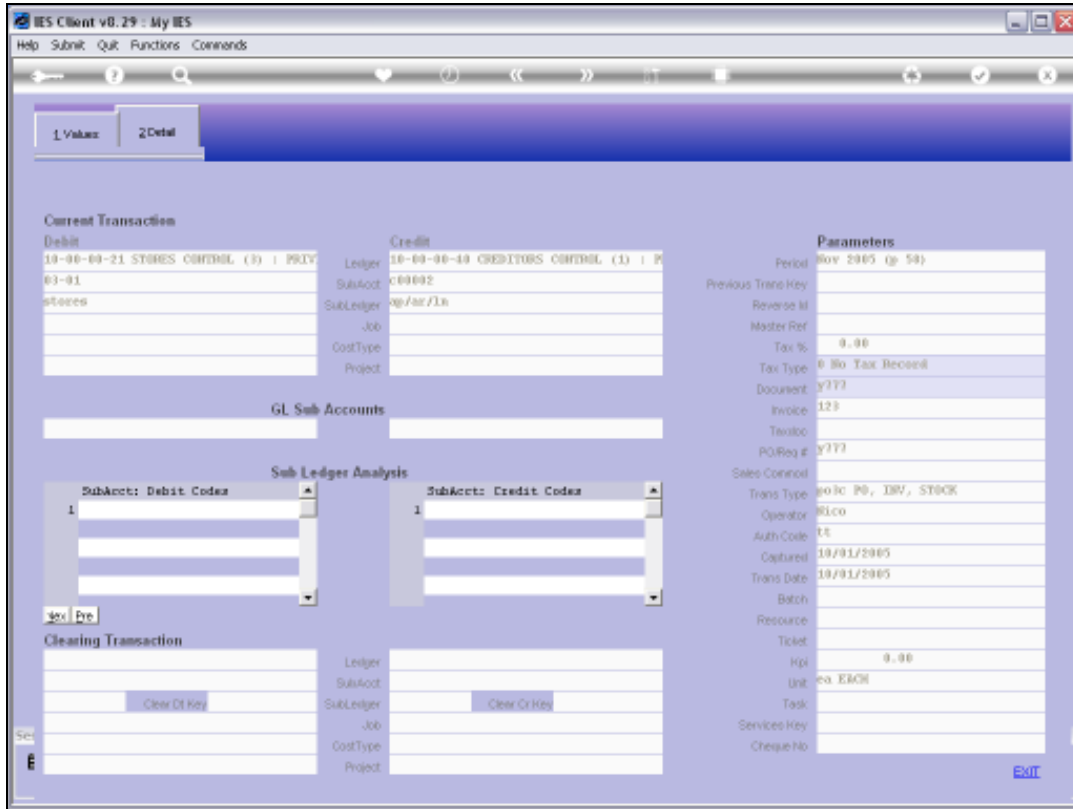
Slide 33

Slide notes:



Slide 34

Slide notes: Then press ENTER.



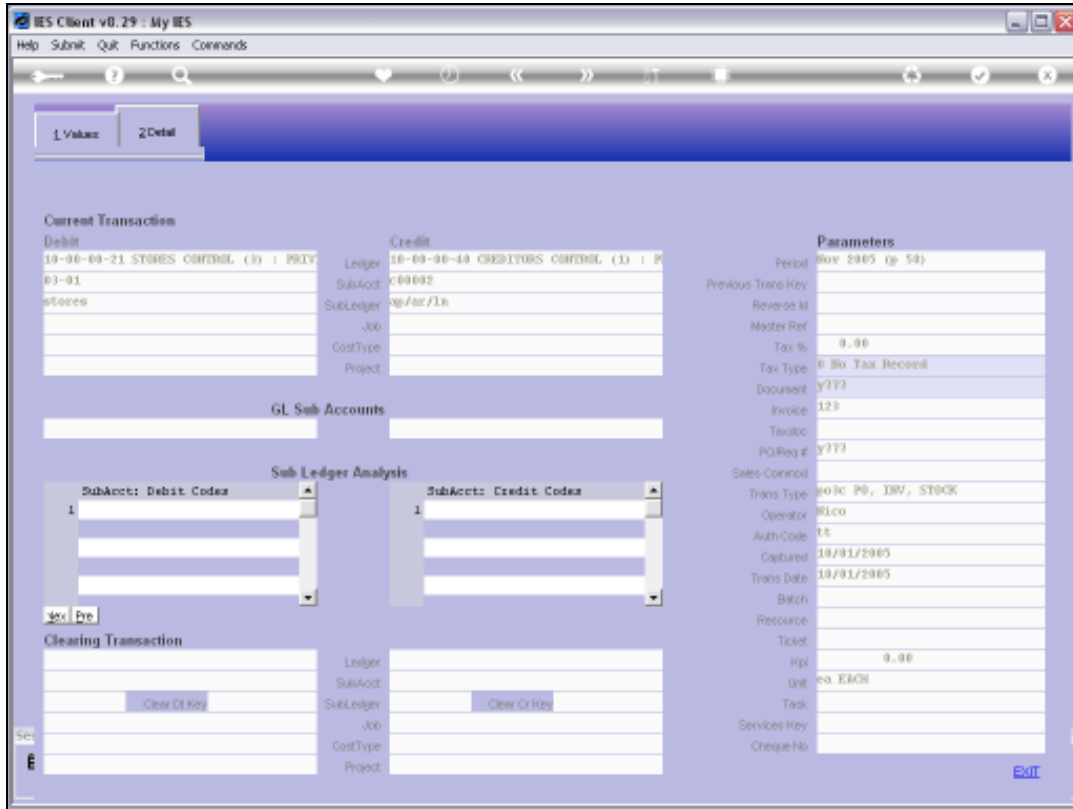
Slide 35

Slide notes: And here are the Transaction Details. As we can see, in this case the Document Number is different, but the Invoice Number is actually the value "123" that we were looking for.

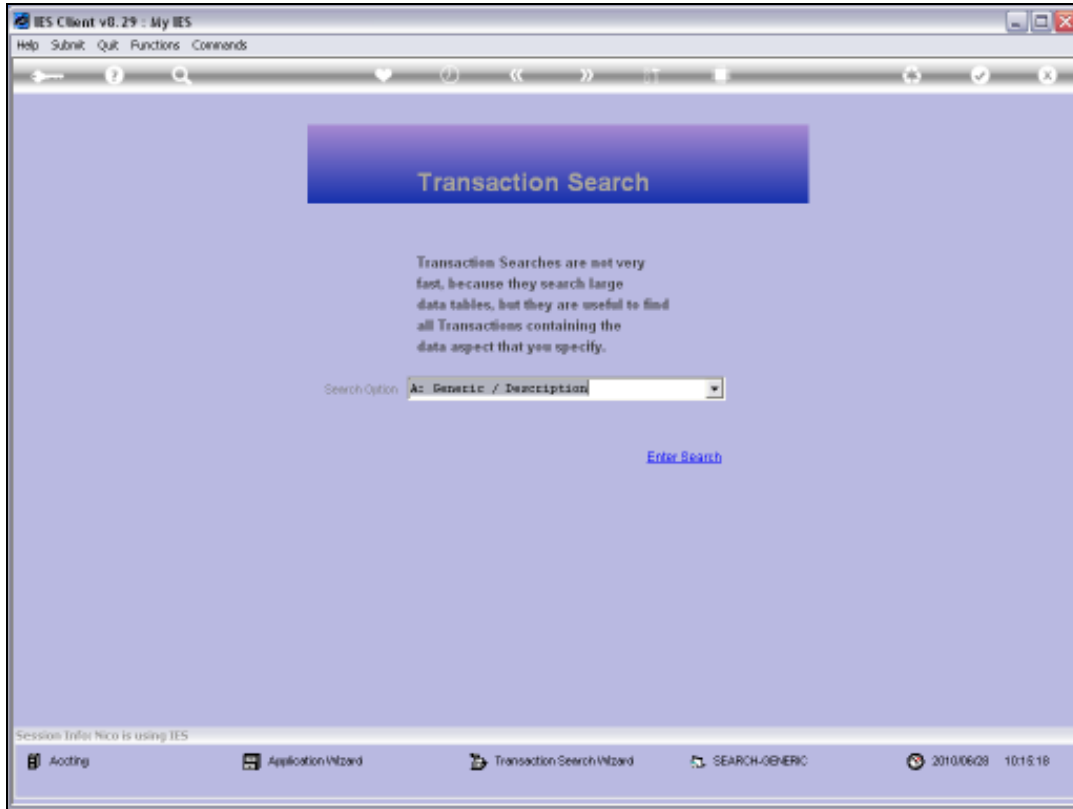
The screenshot displays the IES Client v8.29 interface. At the top, there is a menu bar with 'Help', 'Submit', 'Quit', 'Functions', and 'Commands'. Below the menu is a navigation bar with icons for back, forward, and search. The main content area is divided into several sections:

- Current Transaction:** A table with two columns: Debit and Credit. The Debit entry is '18-00-00-21 STORES CONTROL (S) : PRIV' with SubAcct '03-01' and SubLedger 'stores'. The Credit entry is '18-00-00-40 CREDITORS CONTROL (L) : P' with SubAcct 'C00002' and SubLedger 'ap/inv/lin'. Other fields include Ledger, Job, CostType, and Project.
- GL Sub Accounts:** A section with two empty input fields.
- Sub Ledger Analysis:** Two dropdown menus labeled 'SubAcct: Debit Codes' and 'SubAcct: Credit Codes', both showing a '1' in the first row.
- Clearing Transaction:** A section with two columns of input fields and 'Clear Ct Key' buttons.
- Parameters:** A list of fields on the right side, including Period ('Nov 2005 @ 54'), Previous Trans Key, Reverse St, Master Ref, Tax % ('0.00'), Tax Type ('0 No Tax Recosed'), Document ('y777'), Invoice ('123'), TaxNo, POReq # ('y777'), Sales Control, Trans Type ('00 to 90, DRV, STOCK'), Operator ('Rico'), Auth Code ('1'), Captured ('10/01/2005'), Trans Date ('10/01/2005'), Batch, Resource, Ticket, Hpt ('0.00'), Unit ('ea EBCH'), Task, Services Key, and Charge No.

Slide 36  
Slide notes:

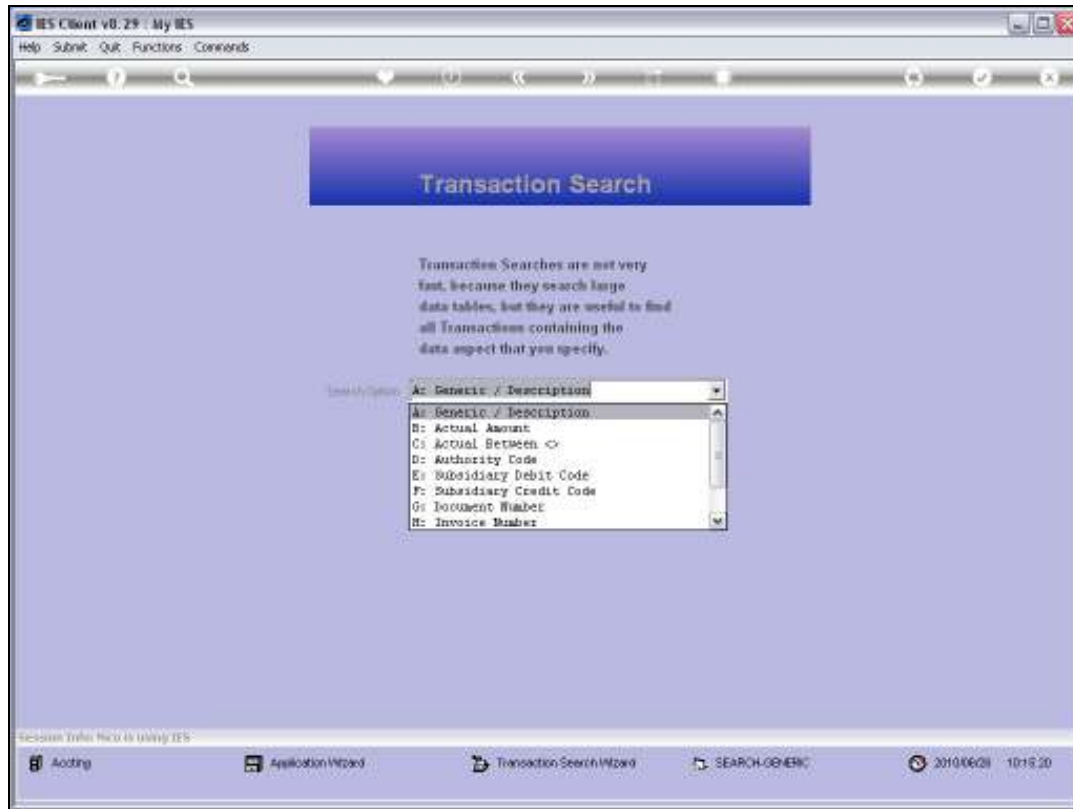


Slide 37  
Slide notes:



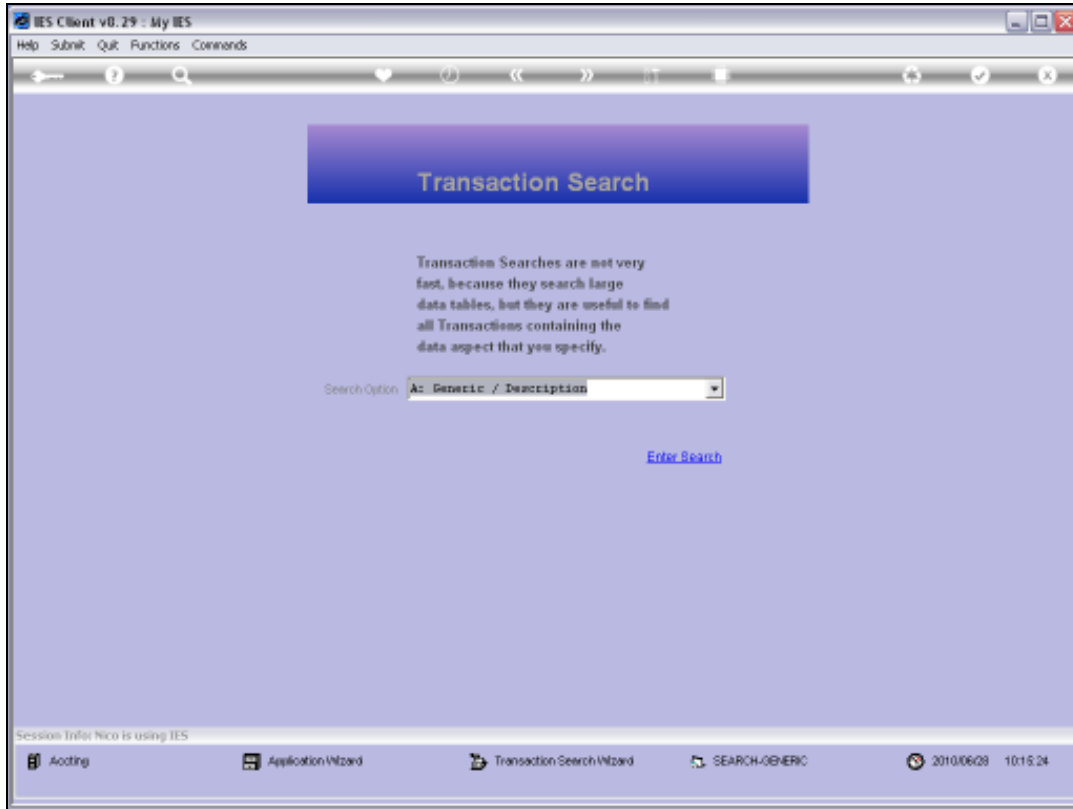
Slide 38

Slide notes:



### Slide 39

Slide notes: So that is just an example of how we can use the Search Engine to find something in the Transaction History when we do not readily know how else to find it. Here, we can see that there are a number of methods that we can use, searching on the Transaction Description or part of it, Amounts, Authority Codes, Subsidiary Codes, etc.



Slide 40

Slide notes: