

PCOLS Data Mining Release – May 6, 2015

The PCOLS Data Mining System Integrator team implemented the following production release May 6, 2015.

- 1) Enhancement (ECP21) – Case Number search field (two options “Find” & “Filter”)
- 2) Error handling fix for “Error 500”

1) Case Number Search Field:

Option #1 – Find Transaction tab

Logon to Data Mining and select your role

The screenshot shows the 'Purchase Card Data Mining' interface. The 'Find Transactions' tab is selected, and a red arrow points to it. Below the tabs, there is a 'User Role Selection' table with the following data:

SELECT	USER ROLE	HIERARCHY LEVEL	HIERARCHY LEVEL VALUE	HIERARCHY LEVEL VALUE TRAIL
Select	Help Desk Manager (Read Only)	1	47163	47163

Select the “Find Transaction” tab

The screenshot shows the 'Purchase Card Data Mining' interface. The 'Find Transactions' tab is selected, and a red arrow points to it. Below the tabs, there is a 'Case Statistics' table with the following data:

Level	NEW	UNDER A/BO REVIEW	LEGACY	CLOSED
00002	4	2	2	22

The Flagged Transaction Case Number is located in the notification email

The screenshot shows an email notification from PCOLS. The email body contains the following information:

-----Original Message-----
From: PCOLS_noreply@dmdc.osd.mil [mailto:PCOLS_noreply@dmdc.osd.mil]
Sent: Thursday, April 30, 2015 1:11 PM
To: Primary A/BO.civ@mail.mil; Alternate A/BO.civ@mail.mil
Cc: A/BO Supervisor.civ@mail.mil;
Subject: [PCOLS DM ACTION] Flagged Transaction

===== EMAIL NOTIFICATION =====

In accordance with MID 904, the Department of Defense has developed a data mining capability to identify purchase card transactions at risk of fraud, misuse or abuse. Additionally, a small number of transactions have been randomly selected to assist in the refinement of the application.

The following transaction in your Managing Account has been selected for review:

Cardholder Account Number: *1234
Cardholder Name: Cardholder Name
Primary A/BO Name: A/BO Name
TBR Hierarchy: 47163-00021-00055-01234-78654 |
Case Number: 1562256

Transaction ID: 005527e577012f7e
Date of the Transaction: 04-11-2015 03:29:36
Merchant Name: LCI ONLINE
Transaction Amount: \$47.98

You are required to initiate and complete a review of the subject transaction. If action is not taken in a timely manner, the transaction will be forwarded to your Agency/Organization Program Coordinator for their action.

You must perform the following steps to complete a review of this transaction:

1. Access PCOLS using the link below.
https://pki.dmdc.osd.mil/appi/pcols-web/CACAuthenticateAction.do?case_num=1562256;newSession=true
2. Authenticate yourself using your Common Access Card (CAC)
3. Select your role associated with this account (TBR Hierarchy 47163-00021-00055-01234-78654).
4. Complete the case review.
5. Enter a disposition and, if required, the planned action. If additional research is required, you may select a disposition of "Under A/BO Review" and return at a later time to enter the correct disposition of the case.

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Enter the “Case Number” into the new field and select “Find”. No additional search information is needed.

The screenshot shows the 'Purchase Card Data Mining' interface. At the top, there is a header with the Department of Public Safety logo and the text 'Purchase Card Data Mining'. Below the header, there is a navigation bar with 'Data Mining' selected. A welcome message reads: 'Welcome James Tew. You are logged in as Help Desk Manager (Read Only)'. There is a 'Go Back' link. Below the navigation bar, there are two tabs: 'Case Management' and 'Find Transactions', with 'Find Transactions' selected. The main content area is titled 'Find Transactions' and contains a search form. The form has several fields: 'Account Type/Number:' (dropdown menu with 'CH' selected), 'Case Status:' (dropdown menu with 'All' selected), 'Case Disposition:' (dropdown menu with 'All' selected), 'Transaction Date(s):' (calendar icon and 'to' dropdown), 'Independent Review' (dropdown menu with 'Select' selected), 'Merchant Name:' (text input), 'MCC:' (text input), 'Amount (\$):' (text input with 'to' dropdown), and 'Case Number:' (text input with '1562256' entered). A red box highlights the 'Case Number' field. Below the form are 'Find' and 'Clear' buttons. A red arrow points to the 'Find' button.

Case returns and is available for review.

The screenshot shows the same 'Purchase Card Data Mining' interface as above, but now displaying search results. The search form is still visible, but the 'Case Number' field is now populated with '1562256'. Below the form, there is a table with the following data:

TRANSACTION DATE	STATUS	DISPOSITION	INDEPENDENT REVIEW	TYPE	ACCOUNT #	LAST NAME	AMOUNT	MERCHANT	MCC	VIEW
04-11-2015 03:29:36	Closed	Valid Transaction	Pending	O	*****123456	LAST NAME	47.98	LCI ONLINE	5399	View...

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Option #2 – Filter by Case Number from the Account Details page

Selecting your A/BO role will bring you to this screen. If you log in at a higher level it will be necessary to drill down to the Managing Account (Level 6) to reach this screen.

Purchase Card Data Mining

Welcome James Tew II. You are logged in as Approving/Billing Official(A/BO) - Alternate.

Case Management Find Transactions

Case Statistics

€ 23867 >> 6 *****602343 >>

Cycle: ALL

Select a Cardholder Account to reach the Account Details page

Level	NEW	UNDER A/BO REVIEW	LEGACY	CLOSED
*****227407 - LAST NAME	18	16	60	74

At the Account Details page, you will enter the Case Number found in the flagged transaction notification email as shown in Option #1 above. You will then select the “Filter” button.

Purchase Card Data Mining

Welcome James Tew II. You are logged in as Approving/Billing Official(A/BO) - Alternate.

Case Management Find Transactions

Account Details

€ 23867 >> 6 *****602343 >>

Cycle: ALL

CardHolder Account Number: *****227407 - LAST NAME

Transaction History Account Information

FILTER TRANSACTIONS

Case Status: All
Case Disposition: All
Transaction Date(s): - to -
Independent Review: Select

Merchant Name:
MCC:
Amount (\$): - to -
Case Number: 196066

Filter > Clear >

[First/Prev] 1, 2, 3, 4, 5, 6, 7, 8 [Next/Last]

TRANSACTION DATE	STATUS	DISPOSITION	INDEPENDENT REVIEW	TYPE	ACCOUNT #	LAST NAME	AMOUNT	MERCHANT	MCC	VIEW
06-11-2009 12:00:00	Open	Under A/BO Review		O	*****227407	LAST NAME	493.35	XYZTESTMERATIONAL INC WE	5047	View
06-09-2009 12:00:00	Open	Under A/BO Review		O	*****227407	LAST NAME	847.16	XYZTESTMERUSA DENTAL,	5047	View
06-10-2009 12:00:00	Open	Under A/BO Review		O	*****227407	LAST NAME	151.62	XYZTESTMERACHINERY	5599	View
06-10-2009 12:00:00	Open	Under A/BO Review		O	*****227407	LAST NAME	610.00	XYZTESTMERPEOPLE, INC.	7399	View
06-09-2009 12:00:00	Open	Under A/BO Review		O	*****227407	LAST NAME	159.90	XYZTESTMERO-VIDEO-MO/TO	5969	View

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Case returns and is available for review.



Purchase Card

Data Mining

Help | Contact | Select Role | Logoff

Data Mining

Welcome James Tew II. You are logged in as Approving/Billing Official(A/BO) - Alternate. [Go Back](#)

Case Management Find Transactions

Account Details

Cycle ALL

5 23867 >> 6 *****602343 >>

CardHolder Account Number: *****227407 - LAST NAME

Transaction History Account Information

FILTER TRANSACTIONS

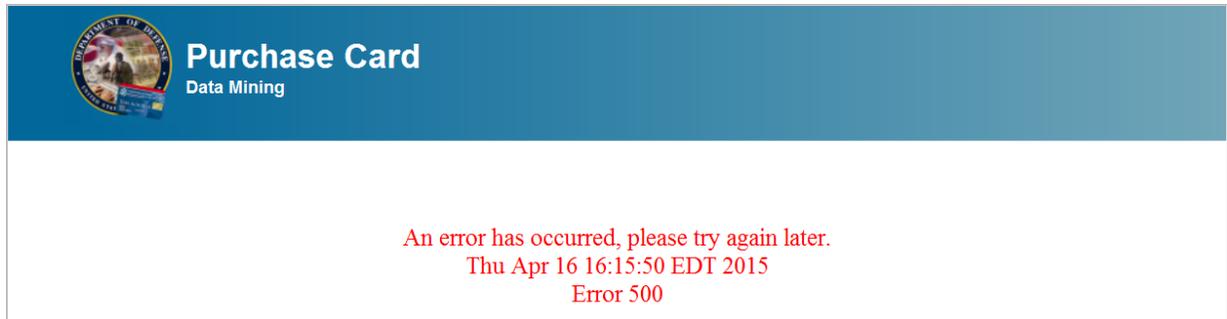
Case Status: All	Case Disposition: All	Transaction Date(s): - to -	Independent Review Select
Merchant Name: 	MCC: 	Amount (\$): - to -	Case Number: 196066

TRANSACTION DATE	STATUS	DISPOSITION	INDEPENDENT REVIEW	TYPE	ACCOUNT #	LAST NAME	AMOUNT	MERCHANT	MCC	VIEW
06-10-2009 12:00:00	New Case	New Case		O	*****227407	LAST NAME	1500.00	XYZTESTMERUCTION INC	1520	<input type="button" value="View"/>

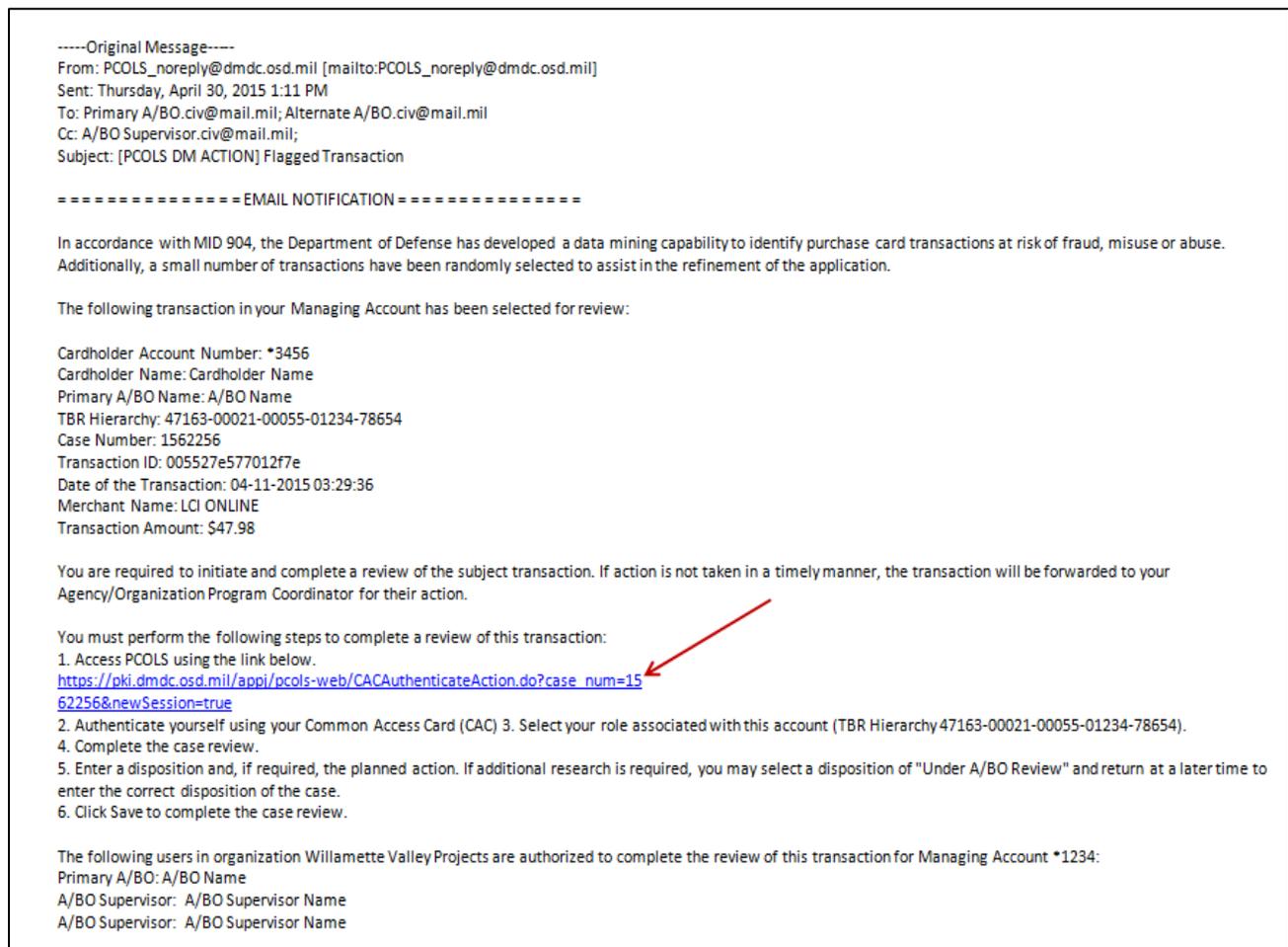
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2) Error handling fix for “Error 500”

Issue – Some users are receiving Data Mining flagged transaction notification emails with a broken URL in the email. When this happens, the URL to take a user directly to their flagged transaction is presented on two lines with the break occurring in the middle of the case number. Selecting only the first line of the broken URL vs. the entire URL will take the user into Data Mining per the normal process, however when the user selects their role they would receive the following “Error 500” prior to implementation of this fix.



Example of a flagged transaction notification email with a broken URL



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Resolution – Post release, if a user selects the broken URL in the flagged transaction notification email they will receive the following message after selecting their role. The user will be able to drill down to the correct case from here or implement the new Case Number find. Note - The Case Statistics view will be representative of the user's role. This screen print is from a high level role.

The screenshot shows the PCOLS Data Mining interface. At the top, there is a header with the Department of Defense logo and the text 'Purchase Card Data Mining'. A user is logged in as 'Acquisition Executive Agent (Level 2)'. A red error message states: 'Case Number does not exist. Please ensure URL has complete case number or use Find Transactions Case Number find.' Below this, there are tabs for 'Case Management' and 'Find Transactions'. The 'Case Statistics' section is active, showing a table with columns: Level, NEW, UNDER A/BO REVIEW, LEGACY, and CLOSED. The table contains data for levels 00003, 00006, 00009, and 00012. A 'Cycle' dropdown menu is set to 'ALL'.

Level	NEW	UNDER A/BO REVIEW	LEGACY	CLOSED
00003	220	0	254	15
00006	59	1	75	94
00009	3348	27	5871	6064
00012	92	0	384	271

Tips: You can avoid the error handling scenario and above message by ensuring you activate or copy/paste the entire broken URL from the email as it is shown below.

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1. Access PCOLS using the link below.

https://pki.dmdc.osd.mil/appj/pcols-web/CACAuthenticateAction.do?case_num=1562256&newSession=true

2. Authenticate yourself using your Common Access Card (CAC)

3. Select your role associated with this account (TBR Hierarchy 47163-00021-00055-01234-78654).

4. Complete the case review.

5. Enter a disposition and, if required, the planned action. If additional research is required, you may select a disposition of "Under A/BO Review" and return at a later time to enter the correct disposition of the case.

6. Click Save to complete the case review.

