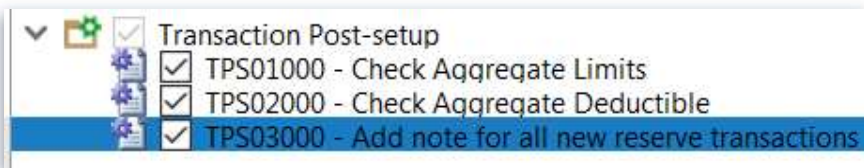## 1.3   Solutions

Solution 1: Record of note


```
USES:
uses typekey.*
uses typekey.TransactionSet

CONDITION (transactionSet : entity.TransactionSet):
return transactionSet.Subtype == TransactionSet.TC_RESERVESET

ACTION (transactionSet : entity.TransactionSet, actions : gw.rules.Action):
var note: Note
for (txn in (transactionSet as ReserveSet).Reserves){
  note = txn.Claim.addNote(NoteTopicType.TC_GENERAL,
      txn.CostType.DisplayName + " Reserve Transaction",
      txn.CostCategory.DisplayName +
        " reserve transaction for $" +
        txn.TransactionAmount + " created.")
  note.RelatedTo = txn.Exposure
}
END
```

Test procedure

(1) 1st Party Vehicle - Ray Newton

‹ › ∧ ∨ | Up to Exposures |

| Edit | Assign | Close Exposure | Create Reserve | Send To ISO | Refresh Responses |

Details | Total Loss Calculator | ISO

Set Reserves

| Save | Cancel | Add | Remove | Show Group | Show All | Link Document |

All line items added or changed below will be submitted as a group. Any line item with no change will not be saved. Any line item with Pending Approval reserves that has its New Available Reserves se
will have those Pending Approval reserves deleted. Comments are saved only when another field on the line has changed.

Filtered by: Exposure

	Exposure ⇅	Coverage ⇅	Cost Type* ⇅	Cost Category* ⇅	Currently Available	Pending Approval	New Available Reserves*	Change
☐	(1) 1st Party Vehicle - Ray Newton ▾	Liability - Bodily Injury and Property Damage	Claim Cost ▾	Auto parts ▾	-	-	$ 2,000.00	
☐	(1) 1st Party Vehicle - Ray Newton ▾	Liability - Bodily Injury and Property Damage	Claim Cost ▾	Labor ▾	-	-	$ 3,000.00	
					-	-	$5,000.00	$

Notes

Info		Details

Edit   Delete   Print

Author	Andy Applegate	**Apr 16, 2018 9:22 AM**
Topic	General	Claim Cost Reserve Transaction
Related To	(1) 1st Party Vehicle - Ray Newton	Labor reserve transaction for $3000.00 usd created.

Edit   Delete   Print

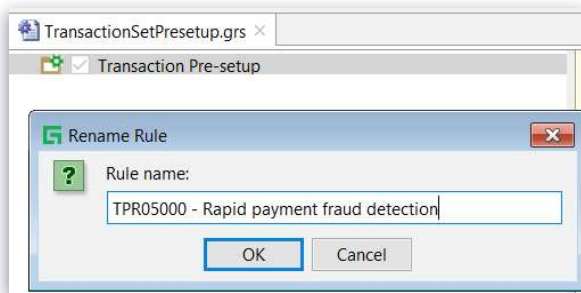| **Author** | Andy Applegate | **Apr 16, 2018 9:22 AM** |
| **Topic** | General | Claim Cost Reserve Transaction |
| **Related To** | (1) 1st Party Vehicle - Ray Newton | Auto parts reserve transaction for $2000.00 usd created. |

Solution 2: Payment matching reserve fraud detection

TransactionSetPresetup.grs ×

Transaction Pre-setup

Rename Rule

Rule name:

TPR05000 - Rapid payment fraud detection

OK   Cancel

```
USES:
uses typekey.*
uses typekey.TransactionSet

CONDITION (transactionSet : entity.TransactionSet):
return transactionSet.Subtype == TransactionSet.TC_CHECKSET

ACTION (transactionSet : entity.TransactionSet, actions : gw.rules.Action):
var remainingReserveCalc =
    gw.api.financials.FinancialsCalculations.getRemainingReserves()
if (remainingReserveCalc.withClaim(transactionSet.Claim).Amount.Amount ==
    (transactionSet as CheckSet).PaymentsAmount) {
  transactionSet.Claim.createActivityFromPattern(null,
      ActivityPattern.finder.getActivityPatternByCode("SI_review"))
}
END
```

Test procedure

New Exposure - Med Pay

Exposure

Loss Party	Third-party liability
Primary Coverage	Medical Payments
Coverage Subtype	Medical Payments
Coverage	Policy Level Coverage (Medical Payments) ▼

Claimant

Claimant *	Kevin Smith04 ▼
Type *	Insured ▼
Contact Prohibited?	○ Yes ● No
Primary Phone	312-336-6210
Address	1024 Glenwood Avenue, Waukegan, IL 60085
Alternate Contact	<none> ▼

Injury Incident Overview

Injury *	Kevin Smith04, Moderate Concussion ▼
Injured Person	Kevin Smith04
Severity	Moderate
Description	Hit on head

➕ Injury Incident [Return to New Exposure - Med Pay]

Injury Details

Injured Person	✱	Kevin Smith04 ▾ [▾]
Loss Party	✱	Insured's loss ▾
Severity		Moderate ▾
Describe Injuries		Hit on head
General Injury Type		Specific injury ▾
Detailed Injury Type		Concussion ▾

Body Parts [Add] [Remove] | [Make First]

☐	Area of Body* ⇕	Body Part* ⇕	Body Part Description ⇕	Side ⇕	PPD Percentage ⇕
☐	Head ▾	Brain ▾			___ %

Edit Reserves

[Save] [Cancel] | [Add] [Remove]

All line items added or changed below will be submitted as a group. Any line item with no change will not be saved. Any line item with Pending Approval reserves that has its New Available Reserves set to equal Pending Approval reserves deleted. Comments are saved only when another field on the line has changed.

Filtered by: Exposure

☐	Exposure ⇕	Coverage ⇕	Cost Type* ⇕	Cost Category* ⇕	Currently Available	Pending Approval	New Available Reserves *
☐	(1) 3rd Party Med Pay - Kevin Smith04 ▾	Medical Payments	Claim Cost ▾	Medical ▾	-	-	$ 5,000.00
					-	-	$5,000.00

Step 2 of 3: Enter payment information

	Exposure ⇅	Coverage ⇅	Cost Type ⇅	Cost Category ⇅
☐	(1) 3rd Party Med Pay - Kevin Smith04	Medical Payments	Claim Cost	Medical

Payment Details

Reserve Line	*	(1) 3rd Party Med Pay - Kevin Smith04; Claim Cost/Medical ▼
Coverage		Medical Payments
Payment Type	*	Final ▼
Eroding?	*	● Yes ○ No
Available Reserves		$5,000.00
Comments		
Line Items		[Add Item] [Remove]

	Category ⇅	Amount * ⇅
☐	<none> ▼	$ 5,000

Workplan

All open activities ▼

☐	☆	▤	Due ⇅	Priority ⇅	Status ⇅	Subject ⇅
☐			10/24/2018	Urgent	Open	Special Investigation Claim Review