

Workflow Scenario Example 12

Type: Advanced Approval Process Workflow

Department: Payables

November 30th, 2019

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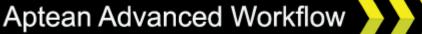
Learning Objectives

Decision

It is possible to lodge a decision as an option to a To-Do and as soon as an employee who is responsible for this decision has made the decision, the To-do is completed by default. Next steps in the work process will be activated depending on the decision which had been made.

Business Process "Payment Approval"

Payments of over 1000 Euro are checked and possibly approved by the Accountant and then can be paid by the Secretary afterwards. In addition, an inquiry of payment decisions in a different currency will be sent to the Financial Manager for approval or rejection.





Aptean Advanced Workflow Diagramm

Condition: Type = Payment & Act., Type = Vendor & Amount > \$1000

Condition: Type = Payment & Balance, Type = Kreditor & Betrag < -\$1000 Trigger: **Automatic OnInsert** or OnModify To-Do Template 2 **Payment Rejected** Annette Hill Secretary NO To-Do **Workflow Template** Template 1 Payment Authorisation **Approve** Finance Workflow **Payment** Team YES **Field Modification** To-Do Template 3 Open -On Hold=Yes **Payment Approved** Annette Hill Secretary **Field Modification** Open -

On Hold=No



Aptean Advanced Workflow Setup

Reference Type

No.: 81 (Gen. Journal Line)

Buffer Time on Function Call Server: 30 Seconds

Automatic Workflows: Yes Keyword Definition Lines Tick all Use Fields.

Table ID: 81 (Gen. Journal Line)

Tick all Use Fields

Keyword Definitions Line 1

Field ID: 4 (Account No.)

Keyword Definitions Line 2

Field ID: 11 (Bal. Account No.)

Keyword Definitions Line 3
Field ID: 13 (Amount)

Keyword Definitions Line 4

Field ID: 12 (Currency Code)

Aptean Advanced Workflow



To-Do Template 1	Reference Type No: 81 (Gen. Journal Line)
10-Do Template 1	Code: WF120-TD010
	Description: Approve Payment
WHO	Employee Code:GS
WHO	Conditional Responsibility based on Currency Code
	Conditional Responsibility based on Currency Code
	Conditional Responsibilities
	Conditional Responsibilities Line 1 Condition Code: WF120-TD010
	Condition
	Table ID: 81 (Gen. Journal Line) Code: WF120-TD010 Description: Currency
	Type: Responsibility
	Condition Line 1
	Active: Yes
	Type: Field
	Table ID: 81 (Gen. Journal Line)
	Field ID: 12 (Currency Code)
	Filter: <>"
	Employee Code: HA
WHY	No Activation
WHEN	Source Type: Workflow
	Duration Date Calculation: 1D
WHAT	Type: Decision
	Code: APPROVAL
	Decision Option Set Code
	Code: APPROVAL
	Description: Approve or Reject
	Decision Option Set Line 1
	Value: Approved
	Description: Approved
	Decision Option Set Line 2
	Value: Rejected
	Description: Rejected
	Decision Option Set Code: APPROVAL

To-Do Template 2	Reference Type No: 81 (Gen. Journal Line)
	Code: WF120-TD020
	Description: Payment Rejected
WHO	Employee Code: AH
WHY	By Decision Type No.: 81 (Gen. Journal Line) Decision To-Do Template Code: WF120-TD010 Decision Value Filter: Rejected
WHEN	Source Type: To-Do Source Code: WF120-TD010 Duration Date Calculation: 1D
WHAT	Type: Manual Completion

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Aptean Advanced Workflow

To-Do Template 3	Reference Type No: 81 (Gen. Journal Line) Code: WF120-TD030 Description: Payment Approved
WHO	Employee Code: AH
WHY	By Decision Type No: 81 (Gen. Journal Line) By Decision Template Code: WF120-TD010 Decision Value Filter: Approved
WHEN	Source Type: To-Do Source Code: WF120-TD010 Duration: 1D
WHAT	Type: Manual Completion

Field Modifications

Field Modification Line 1

Old Status Level Filter: 0..14 New Status Level Filter: 2 Table ID: 81 (Gen. Journal Line)

Field ID: 34 (On Hold)

Fix Value Input: [Field Value is empty]

Workflow Template

Reference Type: 81 (Gen. Journal Line)

Code: WF120

Description: Payment Authorize

Editing Page ID.: 256 (Payment Journal)

Use Condition: WF120-C020

Condition

Table ID: 81 (Gen. Journal Line)

Code: WF120-C020

Description: Vendor Payment Type: Workflow Use Condition All Condition Lines

Active: Yes Type: Field

Table ID: 81 (Gen. Journal Line)

Condition Line 1

Field ID: 6 (Document Type)

Filter: Payment

Condition Line 2

Field ID: 3 (Account Type)

Filter: Vendor

Condition Line 3

Field ID: 16 (Amount (LCY))

Filter: >1000



Use Condition: WF120-C030

Condition

Table ID: 81 (Gen. Journal Line)

Code: WF120-C030

Description: Vendor Balance Payment

Type: Workflow Use Condition **All Condition Lines**

Active: Yes Type: Field

Table ID: 81 (Gen. Journal Line)

Condition Line 1

Field ID: 6 (Document Type)

Filter: Payment

Condition Line 2

Field ID: 63 (Bal. Account Type)

Filter: Vendor

Condition Line 3

Field ID: 16 (Amount (LCY))

Filter: <-1000

Workflow Line 1

Type: To-Do

Code: WF120-TD010

Workflow Line 2

Type: To-Do

Code: WF120-TD020

Workflow Line 3

Type: To-Do

Code: WF120-TD030

Field Modification

Field Modification Line 1

Old Status Level Filter: 0..14 New Status Level Filter: >2 Table ID: 81 (Gen. Journal Line)

Field ID: 34 (On Hold) Fix Value Input: Yes

Development

Standard NAV does not stop a Gen. Journal Line that is On Hold from being posted. So to enforce the approval process it is necessary to put a small piece of code in Codeunit 11 (directly at the beginning).

// >> Aptean Advanced Workflow example

TESTFIELD("On Hold",");

// << Aptean Advanced Workflow example

Aptean Advanced Workflow

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