



# M4 Systems

## Advanced eProcurement

### Brochure

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**DynamicsPlus**  
Microsoft Dynamics Enhanced

# M4 Systems Advanced eProcurement

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# M4 Systems Advanced eProcurement

## Introduction

**M4 Advanced eProcurement** is a powerful elegant intuitive **Spend Control** solution which enhances Microsoft Dynamics.

**M4 Advanced eProcurement** is a part of M4's DynamicsPlus.Net application series, which adds important capabilities to Dynamics ERP, written from the ground up to leverage Microsoft's excellent Silverlight RIA (Rich Internet Applications) Platform.

Most Procurement solutions are based upon *rigid sequential style* workflow architecture. M4's Advanced eProcurement uses a more powerful and much more flexible **State Machine Architecture**. Despite being more powerful, it is also much easier for administrators (no IT knowledge required) to design workflows, which model business processes and policies, in an elegant flexible and natural manner.

In our experience - previous generation systems – did not achieve the desired level of control, since the workflows were so difficult to setup and maintain, therefore in practice only very simple ones were used, or because they were not relevant to their scenarios, users simply bypassed the workflows.

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Also our philosophy is that - for efficient effective spend control to succeed – **everyone in the organisation must be a user**, otherwise the workflows are easily bypassed or manual process have to be maintained - which kind of defeats the whole object, in our opinion.

In order to enable this – our system is very easy to use, for all types of users following minimal training, also it is sensibly priced, so that most organisations can easily afford, for all users to be licensed and reap a fast return on investment.

## Features

- ◆ Silverlight Rich Internet Application architecture that is easy to use with zero client installation or management costs enabling access from multiple devices and locations
- ◆ Powerful intuitive workflow designer with natural linked steps and tests performed within the steps adding to unique flexibility for making the following steps based upon test results
- ◆ Complete cycle of Purchase documents managed in M4 Advanced Procurement: Requisition, PO, Receiving, 3 way Invoice match, new Vendors, Purchase Contracts and Inventory Transfers

# M4 Systems Advanced eProcurement

- ◆ Same workflow engine for Purchase Invoice Payment Approvals
- ◆ High usability of Image Management and Document Batch Scanning traits for better organization and manipulation of scanned images that are easily associated with existing transactions, saved to a network shared location with fast lookups on master data with focus on secure access and easy reference
- ◆ Complete Visibility of all spent activity based on Soft Commitments, Hard Commitments, Invoice Register, Email alerts including notify only and Portal Views
- ◆ PO Generator based upon Min Max stock levels, lead times and Site Management logic
- ◆ Rich and powerful approval policies customization for easy management of documents that are electronically routed for necessary approvals and administering budget control through custom made policies

## Benefits of Advanced eProcurement

- ◆ Reduces spending
- ◆ Reduces wastage in eliminating excessive paper management by using Image Management
- ◆ Less wasted time by easy tracking and matching necessary data for documents
- ◆ Increased convenience and efficiency
- ◆ Eliminates stock shortages by easy accessing inventory
- ◆ Improves quality and consistency
- ◆ Adherence to important policies
- ◆ Ads to lower transaction costs
- ◆ Shortens order cycle time
- ◆ Enables higher compliance levels
- ◆ Lowers inventories based on better access and control
- ◆ Enhances operational efficiency in saving time with electronic automation of day-to-day processes and business reporting

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# M4 Systems Advanced eProcurement

## Approval Policy (Figure 1)

Purpose of approval policies is allowing users to qualify each document type that is based upon defined criteria as they apply to specific document type.

M4 Advanced eProcurement's Approval process offers numerous possibilities and flexible options for customizing to organisation's procedures and specific needs. Creator of the policy can customize the implementation of the policy, number and sequence of steps within the policy and number of different designated approvers.

Figure 1 shows Approval Policy with several steps defined that will be used in document management with policy step conditions on line level with specified specific user as a approver.

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Save Cancel

Policy Name: Inactivity Requisition Description:

Document Type: Requisition

Add Delete Edit Policy Steps

Is First	Description	Next Step On Pass	Next
<input type="radio"/>	Item Total < 50 Inactivity Step		
<input checked="" type="radio"/>	Item Total < 100	Item Total < 50	
<input type="radio"/>	Item Total < 50		

Add Delete Edit Policy Step

Description	Field	Comparison
Item Total < 50	Item Total Amount	Less Than

Policy Step Condition

Description: Item Total < 50

Condition Level: Line

Field: Item Total Amount

Comparison: Less Than

Value: 50

Range (From):

Range (To):

Action Type: User Action

Approve Type:  All  Any 1

Add Delete

Approver Name	Approver Type
v	Specified User

Save Cancel

(Figure 1)

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## Requisition (Figure 2)

M4 designed Advanced eProcurement with an excellent functionality for creating requisitions that are routed electronically for necessary approvals. If the requisition is approved by the designated approver it is furthermore generated as a PO.

Figure 2 shows Requisition document containing several lines and detailed window for the line. For non-inventory line items there is an instant control with GP accounts. When set the document is easily submitted for approval or to the designated buyer.

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(Figure 2)

## Receivings (Figure 3)

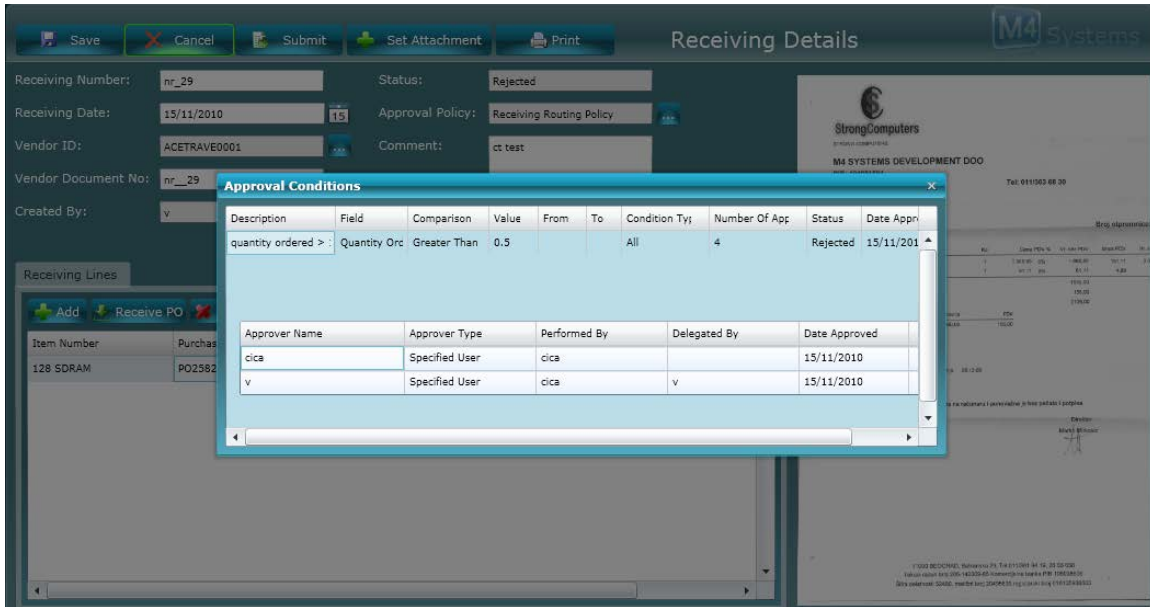
M4 Advanced eProcurement is designed with excellent functionality for creating receivings against a PO as the fastest and most accurate way to receive ordered items.

Receivings are created in a way that can be routed electronically for necessary approvals.

Figure 3 shows Receiving's document approval policy conditions.



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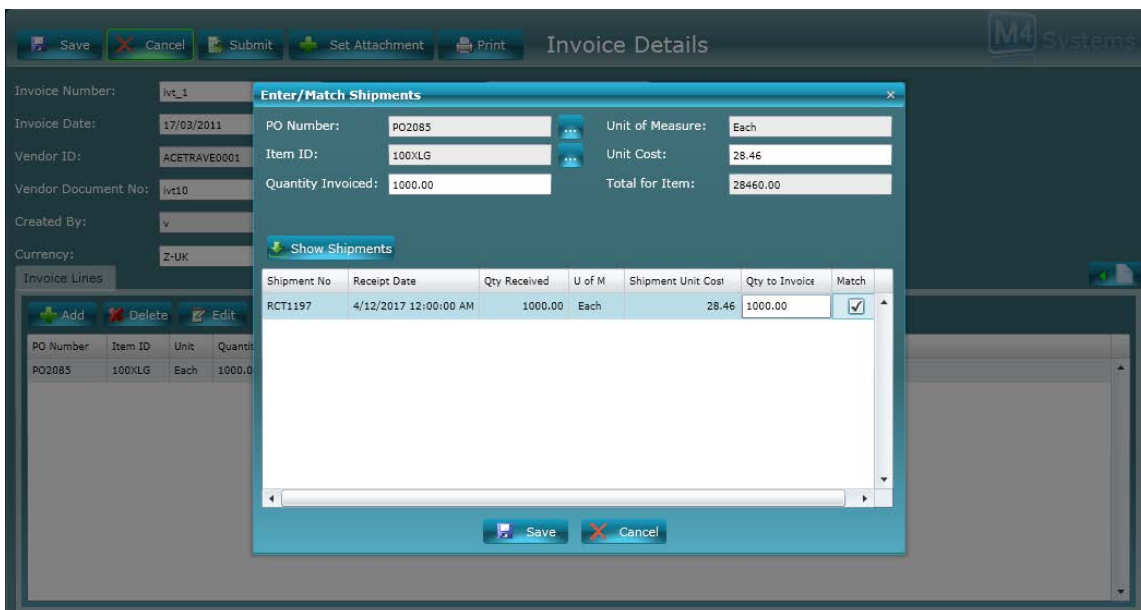
(Figure 3)

## Invoice (Figure 4)

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Since the electronic invoicing can be defined as an internet-based solution for securing the exchange of electronic invoices between suppliers and buyers M4 has created an excellent prospect of process automation related to creating, distributing, approving and archiving of invoices.

Invoices are created against the PO and the shipments can be easily matched as the Figure 4 shows:



(Figure 4)