

M4 Systems

Advanced Security Monitor (ASM)

Brochure

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M4 Systems Advanced Security Monitor

Table of Contents

Overview	2
Features.....	2
Main Benefits.....	2
Monitoring All Users Data (Figure 1)	3
Denied Permissions (Figure 2)	3
Monitoring Exchange Rates (Figure 3)	4
Alerting.....	5
Alerting on GP Windows Security – (Figure 4)	5
An Alert Generated on Exchange Rates (Figure 5)	5

001

M4 Systems Advanced Security Monitor

Overview

Advanced GP Security Monitor/Reporter is a new program written in C# .Net to monitor and analyse security within the Microsoft Dynamics GP (Great Plains) system. The module achieves this by tracking security changes, comparing security settings and sending e-mail alerts detailing the changes. Comparing settings can be made by using Options, setting up Filters, and choosing Criteria

Features

- Easy to install and configure, working with all GP versions
- Seamless integration - no risk to existing data or setup
- Tracks all changes to all users' security profiles for the whole Dynamics GP system including third party, Dexterity add-in modules
- Powerful reports enable security profiles to be easily accessed by managers and auditors in contrast to the security reports built into Dynamics GP, which are hundreds of pages long and very difficult to assimilate
- Snapshot facility compares security states between any two dates using a calendar format
- Easy to compare security profiles between users and between user classes
- Export to Excel
- Tracks and compares changes in rate types using an exchange table
- An alert is sent via e-mail immediately any security settings are changed; this will provide information on who made the change/s, as well as details on granting or revoking of security access.

002

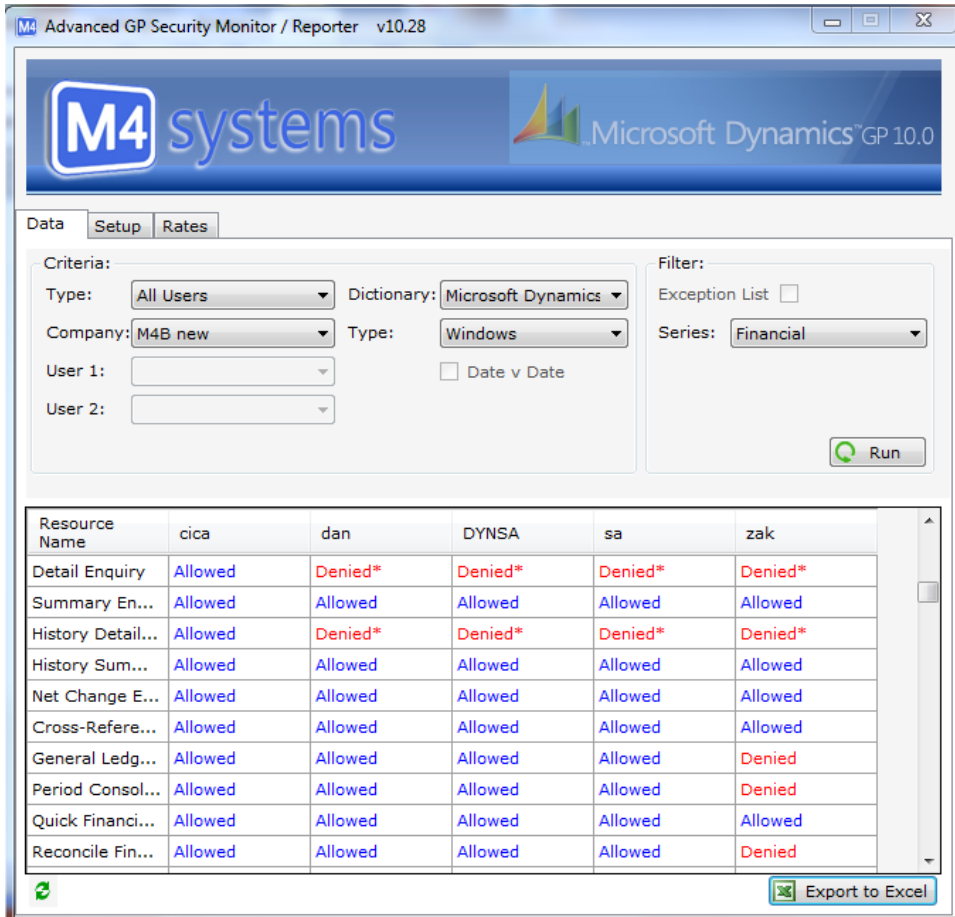
Main Benefits

- Peace of mind by giving you full control of security access on the Dynamics GP system
- Powerful audit tool to improve compliance with stringent regulations, such as Sarbanes Oxley.

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Monitoring All Users Data (Figure 1)

There are many useful capabilities for comparing security among Users and Classes for different Dictionaries by type and series. There is also an option to compare security on an historical basis by selecting Type, Period Click on Calendar, then choosing the Date, User and finally clicking on Run.



(Figure 1)

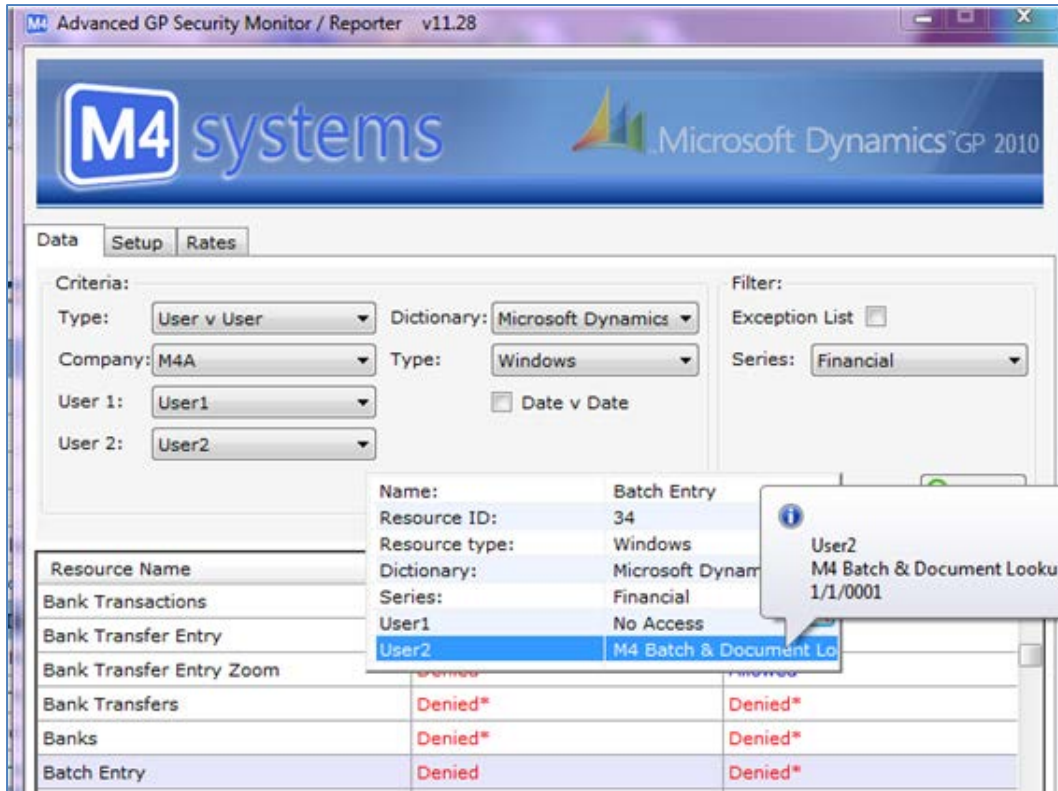
The figure shows a comparison of all users for the Financial series: As for users, permissions are defined as Allowed, Denied and Denied*. This in turn means that user has access to the same resource in different dictionaries.

Denied Permissions (Figure 2)

- ◆ **User1** has no access to Batch Entry in any dictionary – so this user has Denied permission status.
- ◆ **User2** has no access to Batch Entry in the GP Dictionary but he has access to this resource in M4 Batch & Documents Lookup Dictionary – this user has Denied* permission status.

003

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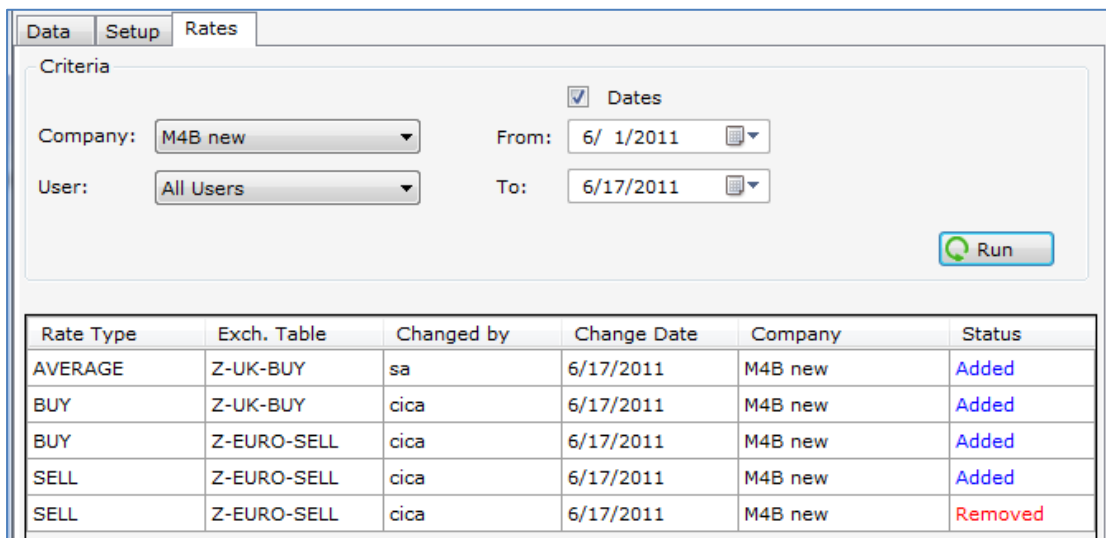


(Figure 2)

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Monitoring Exchange Rates (Figure 3)

As for Data Tab, Company, User and date interval can be chosen. The result can be exported to Excel. Moreover, an alert is generated and the report will be received by e-mail.



(Figure 3)

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Alerting

Alerting on GP Windows Security – (Figure 4)

As and when security settings are changed in the Dynamics GP system (by using Security or Advanced Security), an alert is generated by e-mail with security changes highlighted for every change made. The monitoring interval is defined in the Setup.

Subject: Security Report

M4 Security Report	
Access has been granted	for danilo to resource Lockbox Entry by user sa for company Fabrikam, Inc..
Access has been revoked	for danilo to resource Debtor Bank Maintenance by user sa for company Fabrikam, Inc..
Access has been revoked	for danilo to resource Cash Receipts Distribution Entry by user sa for company Fabrikam, Inc..
Access has been revoked	for danilo to resource Debtor Enquiry by user sa for company Fabrikam, Inc..
Access has been granted	for LESSONUSER1 to resource Benefits by user sa for company Fabrikam, Inc..
Access has been granted	for LESSONUSER1 to resource Wage and Hour Reports by user sa for company Fabrikam, Inc..
Access has been granted	for LESSONUSER1 to resource Unemployment Tax Setup by user sa for company Fabrikam, Inc..
Access has been granted	for LESSONUSER1 to resource Tax Withholding by user sa for company Fabrikam, Inc..
Access has been granted	for LESSONUSER1 to resource uprManualChecksDummy by user sa for company Fabrikam, Inc..
Access has been granted	for LESSONUSER1 to resource Transaction Required Benefits by user sa for company Fabrikam, Inc..
Access has been granted	for danilo to resource Modified Purchase Order Entry by user sa for company Fabrikam, Inc..
Access has been revoked	for danilo to resource Modified Purchase Order Entry by user sa for company Fabrikam, Inc..
Access has been granted	for danilo to resource Purchase Order Entry by user sa for company Fabrikam, Inc..
Access has been granted	for danilo to resource Modified Purchase Order Entry by user sa for company Fabrikam, Inc..
Access has been granted	for danilo to resource Modified Purchasing Date Entry by user sa for company Fabrikam, Inc..
Access has been revoked	for jadams to resource Alternate Field Security Maintenance by user sa for company Fabrikam, Inc..
Access has been revoked	for jadams to resource Alternate Password Maintenance by user sa for company Fabrikam, Inc..
Access has been granted	for jadams to resource Modified Item Maintenance by user sa for company Fabrikam, Inc..

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(Figure 4)

An Alert Generated on Exchange Rates (Figure 5)

Subject: Security Alert

M4 Security Report	
RateType AVERAGE has been removed	from exchange table Z-C\$-AVG by user sa for company Fabrikam, Inc. on 2/14/2008 3:17:00 PM.
RateType SELL has been removed	from exchange table Z-C\$-AVG by user sa for company Fabrikam, Inc. on 2/14/2008 3:17:00 PM.
RateType SELL has ben added	to exchange table Z-EURO-AVG by user sa for company Fabrikam, Inc. on 2/14/2008 3:17:00 PM.

(Figure 5)