

## Backup Agent Configuration

### Introduction

This document is intended to detail the procedure for making backup copies of the MonitorMagic agent including its configuration. This configuration can be used to either restore an agent to a previous configuration and/or monitoring state, or to migrate a running agent to a new computer.

## 1. MonitorMagic Agent

A MonitorMagic installation always consists of two parts; console and agent. Where the console is installed using the downloadable InstallShield package from the Tools4ever website, the agent is installed and controlled exclusively using the console.

## 2. MonitorMagic Agent Directory

All agent files are located in a folder assigned during installation. MonitorMagic by default takes the drive with the most free space available, then:  
"Program Files\MonitorMagicAgent\"

## 3. Backup/Migrate Central Policies

MonitorMagic stores monitoring configurations including thresholds and alarm actions in policies. These policies can be stored on the console side (local policies) or stored on the agent side (central policies). The advantage of central policies is that policies can be shared over multiple consoles, resulting in less policy management overhead.

Central policies are stored in the "MonitorPolicyDatabase.dbm" file, located in the "DATA" subfolder of the MonitorMagic agent directory. To migrate this file to another agent, first stop the target agent, then copy this file to its new location and restart the agent.

## 4. Backup/Migrate Active Monitors

MonitorMagic stores the active monitors (all entries shown in the monitor window) in the "monitor.db" file, located in the root of the MonitorMagic agent directory. Tools4ever advises to keep a backup copy of this file to restore the agent into active state in case of accidental errors or deletion.

**NOTE:** this file cannot be migrated to a new agent installation, due to computer specific information is being stored in this file. Tools4ever advises saving all configuration settings in (central) policies, and then apply the policies on a new agent installation.

## 5. Migrate Trending Database

MonitorMagic supports storing trending information in a database. When moving to a new agent installation, this database can be copied to the new agent location. The database file is located in the "DATA" subfolder of the MonitorMagic agent directory. The file name of the database is dependent on the name of the created "ODBC Data Source".

When migrating this database to a new agent installation, configure the new agent installation to create and use a new Microsoft Access database. This will cause the ODBC data source to be created automatically. Next, stop the MonitorMagic agent and copy the .mdb file from the source agent to its new target folder and restart the MonitorMagic agent.

**NOTE:** the database can only be migrated when a Microsoft Access database is used. SQL Server and MSDE database migrations are supported however, for more information on copying these types of database consult the Microsoft documentation.

## 6. Migrate Custom Keywords

MonitorMagic stores custom keywords, as configured in the MonitorMagic agent configuration, Custom Keywords tab, in the registry of the computer hosting the MonitorMagic agent. This key is located at: HKEY\_LOCAL\_MACHINE\Software\Tools4ever\MonitorMagic\Service\Operations\Keywords

Since this value is binary in nature, Tools4ever advises to export the entire Operations branch to a registry file. This registry file can be imported back at a later time. Export the Operations branch by clicking on the branch in the registry editor, and then choose the "Export registry file..." option from the "Registry" menu.