

Description: Guide to setting up AlarmWorX32 Multimedia as an automatic Windows NT Service while using the email agent.
OS Requirement: Win 2000 Pro/Server, XP Pro, Server 2003
General Requirement: An understanding of DCOM settings and setting up processes to run as NT services.

Introduction

There are many instances when one needs to run AlarmWorX32 Multimedia as an automatic NT service. If the case calls for the email agent to also start automatically, a few steps must be taken. This document explains the steps needed to successfully set up AlarmWorX32 Multimedia as an NT service.

NOTE: This application note will assume that you are running Outlook 2003 using Windows XP

User Setup

1. Create a user on your PC with full administrative rights and no restrictions on password expiration. You can generally create a user by right-clicking “**My Computer**”, choosing “**Manage**” and going to the “**Local Users and Groups**” portion of the tree control on the left-hand pane.

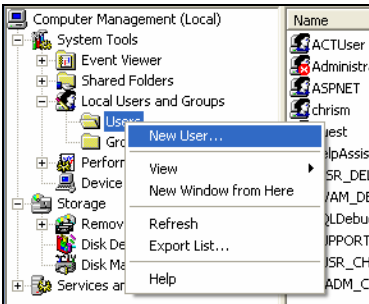


Figure 1 - Creating a New User

2. This user must have email setup properly so that it has rights to send mail via Outlook (or whatever mail client you are using with AlarmWorX32 Multitmedia).

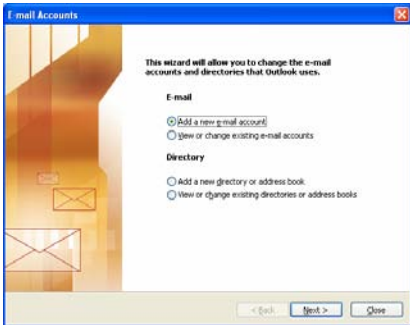


Figure 2 - Creating an Email Account with Outlook 2003

Application Settings

1. Open GenTray by going to Start → Programs → ICONICS Tools → GENESIS32 Tray. You should see a pink triangle in your system tray near the clock.
2. Click on the pink triangle, select AlarmWorX32 → Server → NT Services to make the Alarm Server run as a service
3. Click on the pink triangle again, select AlarmWorX32 → Multimedia Server → NT Services to make the AlarmWorX32 Multimedia Server run as a service



Figure 3 - Setting Applications to Run as a Service

4. Open the Services window from the Control Panel.
5. Find ICOINCS AlarmWorX32 Server in the services list. Double click on it to bring up the properties.
6. Go to the **Log On** Tab, select **This Account**, browse for the user that you have created in step 1, and enter the password.
7. Repeat Step 8 for the following services: ICONICS AlarmWorX32 Multimedia Server and ICONICS License Server.

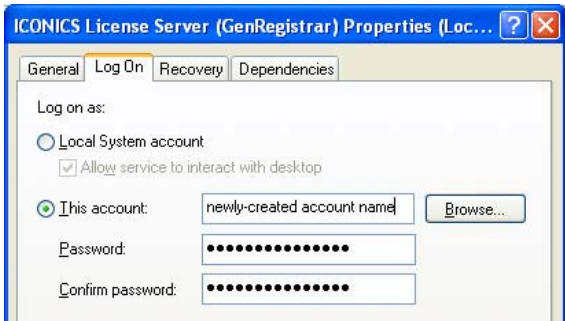


Figure 4 - Configuring a Service to Run as a Particular User

NOTE: If you change the credentials under which the Alarm Server starts, you need to verify that communications with the OPC server are still intact after you reboot your PC.

DCOM Setup

1. Go to Start → Run and type in “dcomcnfg” (without quotes) and hit enter.
2. When the Component Services window comes up, expand **Component Services** → **Computers** and then right-click on **My Computer** and select **Properties**.
3. Go to the **COM Security** tab and edit both the default **Access Permissions** and **Launch and Activation Permissions**.

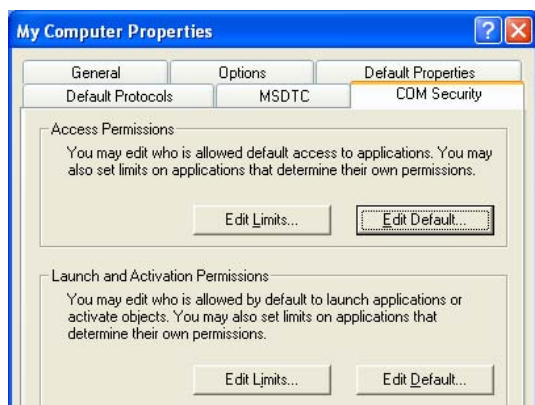


Figure 5 - COM Security

4. Make sure that the following users are included in the Edit Limits and Default Permissions for both Access Permissions and Launch and Activation Permissions:
 - Administrators
 - Everyone
 - INTERACTIVE
 - NETWORK
 - SYSTEM
5. Once the above users are added, expand **My Computer** → **DCOM Config** in the tree control on the left-hand pane.
6. Find **ICONICS AlarmWorX32 Server** and right click on it to bring up it's properties.
7. Select the security tab and make sure that it is using default for Launch and Activation Permissions and Access Permissions. The screen should look similar to Figure 6.
8. Repeat steps 6-7 for **ICONICS AlarmWorX32 Multimedia Server** and **ICONICS GenRegistrarServer**.
9. The AlarmWorX32 Multimedia server should now be able to run as a service and send out emails.

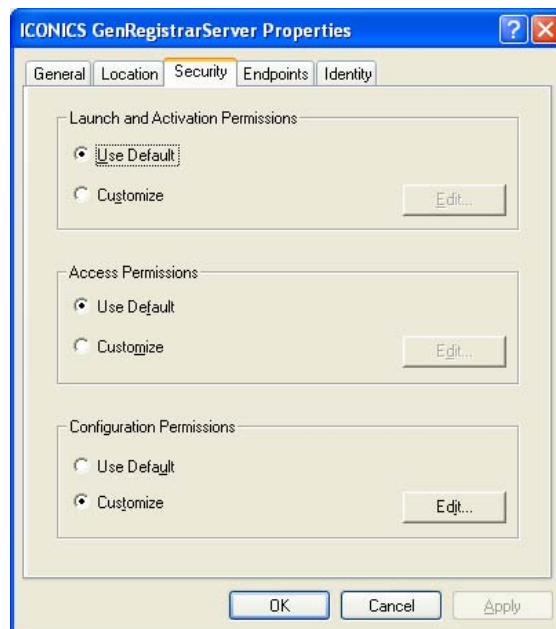


Figure 6 - Individual Application DCOM Settings