



IMiN Server Installation

Introduction

The IMiN system is comprised of a layered architecture that provides many different business communication services through a number of cooperating sub systems.

- EBS: Provides presence management and data delivery.
- IMiN Communicator: Provides secure corporate IM.
- EmailGAS: A Gateway Application Server that allows IMiN applications to send and receive email messages.
- SMSPagerGAS: A Gateway Application Server that allows IMiN applications to send messages to/from Pagers and GSM phones via SMS.

Each sub system within IMiN consists of a database, a web based administration module, an NT Service and optionally a client. In order to setup the IMiN server side software, you must install all of these components. The IMiN Server Setup Wizard will guide you through this setup process and should be used for most IMiN installations.

Hardware Requirements

The hardware required for the server is dependent on the number of IMiN users that will be using the server. A minimum recommended spec is a Pentium III 700 MHz or equivalent with 256MB RAM and 30MB of disk space.

IMiN has been designed to be highly scalable. As the number of users increase, then you can either increase the power of the single computer the server is installed on, or else install the various IMiN server components across a number of different computers to spread the load. When maximally distributed, the complete IMiN Server system could run on five different computers plus the SQL Server (which itself may be distributed). However, configuring such a system can be rather complicated, and so it is strongly recommended that all IMiN components are installed to the same computer during initial setup.



Software Requirements

A supported Microsoft OS

The following operating systems are supported:

- Microsoft Windows 2000 Professional¹ SP3
- Microsoft Windows 2000 Server SP3
- Microsoft Windows XP Professional¹
- Microsoft Windows Server 2003 family

IIS version 5.0 or higher

IIS must be installed in order to run the various Administrator web applications. It is installed by going to Control Panel->Add or Remove Programs->Add/Remove Windows Components. However, the details of how to complete the install are OS specific and you should consult www.microsoft.com for full instructions. Also note that it is very important you secure your IIS installation.

Optional: FTP Server

IMiN has a built in application update deployment feature that allows new versions of the client IMiN software to remotely be deployed and installed on all client PCs. To enable this feature, IMiN must have access to an FTP Server. IIS has a built in FTP Server which is disabled by default. If you enable it and set it up with a safe password, then IMiN can be configured to use the FTP server.

Microsoft .Net Framework 1.1

The IMiN Administrator modules are all presented as ASP.Net applications written using the .Net framework version 1.1. Most Windows installations will already have this version of the framework installed if they have been kept up-to-date with Windows Updates. A redistributable containing the .Net Framework is included with the IMiN Server Setup Wizard.

MSDE or MS SQL Server

IMiN uses a SQL database as its data store. It works with either the free MSDE or Microsoft SQL Server. The IMiN Server Setup Wizard includes a redistributable version of MSDE 2000 SP3 and will install MSDE if it is required.

¹ While a Server OS such as Windows Server 2003 will give better performance, it is not required.