



mdTransit v 2.0

System Configuration Requirements

(for Enterprise Customers)

Last Revised: 06/23/2005

This document explains the optimum system configuration for implementing mdTransit 2.0. All external customers who will be running mdTransit on their systems must meet these requirements. Customers are expected to verify that their systems meet these requirements prior to installation.

Database Setup

Database Server

- Oracle 9i Enterprise Edition Release 9.2.0.6.0 - 64bit Production (with Partitioning and OLAP options)
- JServer Release 9.2.0.6.0 – Production

Database Client

- Oracle Enterprise Edition 9i 9.2.0.5 – 64bit and 32bit (both installed by default)
Note: Our products are not certified for Oracle 10g or Oracle Real Application Clusters (RAC).

Supported Operating Systems

- HP-UX 11.x
- Redhat Linux 7.3
- Redhat Linux ES 3.x

Image Server (serves stock images, custom images, JavaScript and CSS)

- Apache 2.0.52 with mod_rewrite (we recommend the application and image server be separate).
Note: Apache 1.3.3.1 is acceptable.
- Minimum 4 GB data space to store stock and custom images
- Oracle database client (connects to the database during image retrieval and cleanup)
- PERL with DBI, LWP, HTTP, File, Time
- ImageMagick 5.4.7 Q:16 or later
ImageMagick is used for thumbnail creation and image manipulation. You can download it from <http://www.imagemagick.org>.
- Role account for Cron jobs

Reporting Server (serves tracking crumbs and processes tracking items)

- Apache 2.0.52 with mod_rewrite (We recommend the reporting and image server be separate).
Note: Apache 1.3.3.1 acceptable
- No proxy through squid
- Minimum 4 GB data to store the log files
- Oracle database client for use with the Advanced Tracking and Logging engine
- Role account for Cron jobs

Main Web Server (static content, user contributed content, cgi scripts)

- Apache 2.0.52 with CGI and SSI enabled
- PERL with CGI::Carp, Fcntl, Net::FTP, HTTP
- 4 GB of disk space
- Can be fronted with a proxy/cache

Data Loading / Staging Area

- 2 GB scratch area for feed and data processing
- PERL with DBI, LWP, HTTP, Net::FTP
- Oracle database client