

Opmetrix Basic Requirements

Version 4.2 onwards

July 2014



Introduction

This document outlines the components and structure that Opmetrix App is built upon and is a guide to hardware and communication requirements to support both Opmetrix CMS and Opmetrix App mobile devices.

The following names are used to describe the core Opmetrix applications and their functions.

Opmetrix CMS	Back end database (MSSQL, MYSQL, Foxpro) Web based back office reporting and administration suite
Opmetrix App	Apple iPad mobile application Windows 8 mobile application Desktop Application (Windows 7)

Opmetrix Server

Server Components

Applications use Apache, PHP and ODBC. All of these components are installed as part of the Opmetrix installation.

Head Office Internet Bandwidth

A minimum internet download speed of 5MB and upload speed of 1MB is required along with a Static IP address.

Bandwidth is proportional to the number of Mobile Users, Reporting users and Administration users simultaneously accessing the system.

Port and Router Configuration

One external port with static IP is required with routing to Opmetrix CMS. The default port is 12769 however this can be altered in the configuration file to any other port including Port 80 (default http port).

Opmetrix Limited provide a host name for both the Opmetrix CMS and Opmetrix App application based on the external IP address of the Server (Eg yourcompany.opmetrix.com).

If you require the host name to work locally you will need to configure your router appropriately.

Optionally Opmetrix App can be accessed from behind a VPN. Specific configuration is required to support L2TP, PPTP and Cisco IPSec protocols within a mobile environment.

Email

Opmetrix includes regular use of email and therefore requires a valid SMTP gateway.

Remote Access Requirements

As part of the support that Opmetrix offers with your license, our service desk offers upgrades and technical support for your system. Unassisted remote access is therefore required in order to deliver these support services in a timely manner.

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Opmetrix App

Tablet Requirements

Apple iPad - Download from Apple App Store

Hardware - iPad Version 2 or higher

Operating System – Apple iOS5 (minimum) Apple iOS6 or higher (recommended)

Internet - Wi-Fi (minimum) 3G/4G (recommended)

GPS Integration - Active Internet connectivity required for accurate GPS Integration

Windows 8 - Download from Microsoft App Store

Hardware - All brands

Operating System – Windows 8 or higher (RT not supported)

Internet - Wi-Fi (minimum) 3G/4G (recommended)

GPS Integration - Integrated 3G/4G required for GPS Integration features

Windows Desktop App – Download from Opmetrix.com/install

Hardware - Desktop / Office Computer

Operating System – Windows 7 or Windows XP

Internet Required – Yes

Min RAM: 2GB

Hard Drive: 10GB+ Free Space

Features: Photo Capture and GPS Integration not enabled

App Data Usage

Typically Opmetrix App data usage is approximately 500MB per month per field user. This should be increased if you intend to use other mobile services such as email, extensive browsing or other third party applications on your tablet.

CMS Administration

Reporting Browser Support

Opmetrix CMS runs in an online web browser and is optimized for Google Chrome.

Image Catalogue Support

Opmetrix App supports an offline/online image catalogue for selecting and selling products. All images are stored in one central folder (the folder path can be set) and the image file name for each product must match either the product code or product barcode in the stock file.

E.g. **Product Code** BlackSoxPair
Description Pair of Black Sox
Barcode 9423457384732

Image Name BlackSoxPair.JPG or 9423457384732.JPG

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Image Catalogue Support - Continued

Opmetrix App supports JPG or PNG file formats. We recommend you keep each image size under 100KB. These images are auto resized and re-sampled during transfer, and are stored in Opmetrix App as approximately 20KB files.

The optimal image size for images to display in Opmetrix App at zoom level 1 is as follows:

Width 150 pixels

Height 120 pixels

Higher zoom levels in Opmetrix App's image mode scale up medium quality images.

Larger images will be automatically scaled down to 120 pixels high. Slightly larger images are acceptable, provided the image width does not exceed a ratio of 5:4.

E.g. The width of the image must be no more than 125% the height of the image

This ensures that when an image is scaled down to 120 pixels high, the width of the image will also be scaled down to 150 pixels wide (or less).