

Snitcher Asset Management	Date	2011-09-14	Ref	ks011p03a03env4 sam	Page	1(7)
	Resp	Magnus Hagberg				
	Title	<b>Target Environment Specification</b>				

## Target Environment Specification

**Snitcher** Asset Management®



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	Title <b>Release Notes SAM 2.8</b>		

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## 1 INTRODUCTION

### 1.1 General

This document defines the target environment for Snitcher Asset Management. All software components in the target environment will be specified by:

- Name and version. Note that the lowest required versions are specified; higher versions should work but is not tested.
- Support agreement signed.

This is done to make sure that we can reproduce the product even if the tool suppliers are gone.

### 1.2 Purpose

The purpose of this document is to make sure that:

- Customers and developers agree on the environment needed for Snitcher to perform according to its requirements.
- Test activities are performed in the correct environment.
- The target environment of any released Snitcher product is reproducible. This is very important for maintenance reasons, during trouble-shooting etc.
- To ensure that the customer are installing in the proper environment.

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## 2 OVERVIEW

Snitcher mainly consist of the following components

- A database server
- An application server
- Client computers with or without bar code readers
- Label printers and document printers using network cards or local cable.
- A network between the components above

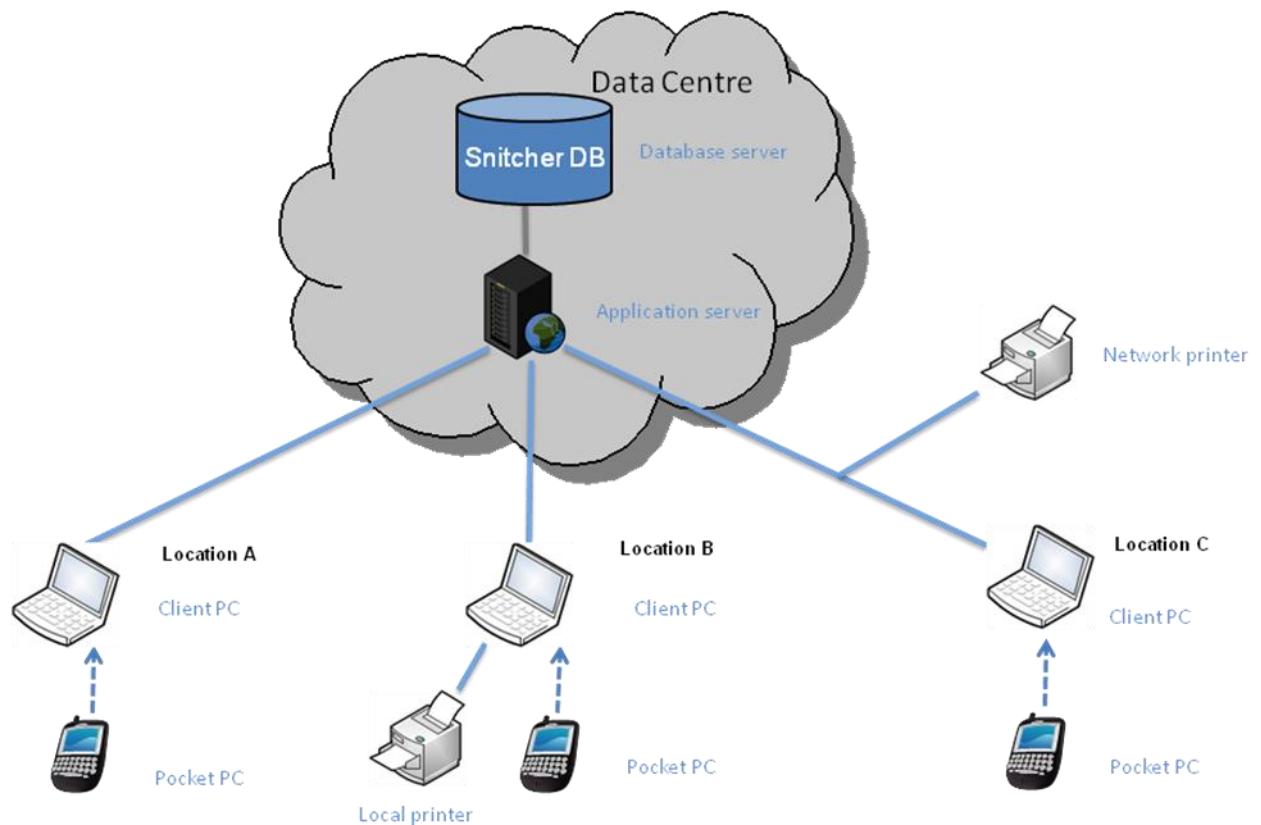


Figure 2-1 Schematic overview of Snitcher components

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### 3 DATABASE SERVER

The database server is only used to manage the Snitcher database. The specifications are valid for a database server dedicated for only Snitcher use. If more applications and databases are used on the same server the requirements increase. Contact Prevas for recommendations.

Specification	Requirement
Operating System	Windows 2003 Server or higher
CPU speed	2,4 GHz
RAM memory	1024 MB RAM
Hard disk free space	> 4 GB *
Database Manager	Oracle 9.2 or higher

**Table 3–1 Database server requirements**

\*) It is strongly recommended to have at least two disks so the database and transactions logs can be divided on two separate disks. If more databases are used for production environment there should be one dedicated disk for each database. It is also recommended to not use the system disk for database usage to increase performance.

### 4 APPLICATION SERVER

The application server is used as a communication hub for all communication between clients and the database. The application server must be connected to the same network as the clients and database server. The application server holds all logging in Snitcher. Depending on the system setup there can also be some services running for Snitcher.

The specifications are valid for an application server dedicated for only Snitcher use. If more applications are used on the same server the requirements increase. Contact Prevas for recommendations.

Specification	Requirement
Operating System	Windows 2003 Server or higher
CPU speed	Dual 2,53 GHz
RAM memory	4096 MB RAM
Hard disk free space	40 MB
Data provider	Oracle Data Provider ODP.Net 9.2.0.4 (only if Oracle Database Manager is used)
Runtime Environment	MS .Net Framework Redistributable 4.0. How to determine installed version – See section <i>Miscellaneous</i> .
Web server	MS Internet Information Services (IIS) 5.0, 6.0 or 7.0

**Table 4–1 Application server requirements**

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## 5 CLIENT

### 5.1 General

The clients must be connected to the same network as the Application Server.

Specification	Requirement										
Operation system	<table border="0"> <tr> <td><b>PC Type:</b></td> <td><b>Operating System:</b></td> </tr> <tr> <td>Windows PC</td> <td>Windows XP SP2+ or higher</td> </tr> <tr> <td>Mac Power PC</td> <td>Mac 10.4.8 or higher</td> </tr> <tr> <td>Mac Intel-based</td> <td>Mac 10.4.8 or higher</td> </tr> <tr> <td>Linux</td> <td><a href="http://www.mono-project.com">http://www.mono-project.com</a></td> </tr> </table>	<b>PC Type:</b>	<b>Operating System:</b>	Windows PC	Windows XP SP2+ or higher	Mac Power PC	Mac 10.4.8 or higher	Mac Intel-based	Mac 10.4.8 or higher	Linux	<a href="http://www.mono-project.com">http://www.mono-project.com</a>
<b>PC Type:</b>	<b>Operating System:</b>										
Windows PC	Windows XP SP2+ or higher										
Mac Power PC	Mac 10.4.8 or higher										
Mac Intel-based	Mac 10.4.8 or higher										
Linux	<a href="http://www.mono-project.com">http://www.mono-project.com</a>										
Supported browsers	Internet Explorer 6, Internet Explorer 7, Internet Explorer 8, FireFox 3, Chrome, Safari 3, Safari 4										
CPU speed	1,83 GHz										
RAM memory	512 MB RAM										
Monitor resolution	SVGA 1024*768, High colors (16 Bits)										

Table 5–1 Client requirements

### 5.2 Handheld computers

Handheld computers can be connected to the client computers.

Producer	Model
Motorola	Symbol MC75A

Table 5–2 Scanners supported

### 5.3 Label Printer

#### 5.3.1 Local printers

Label printers can be connected to the client computers. A printer cable is used for connection on parallel port or UBS on the client computers. Note that local printers must be shared before they can be used by the Snitcher client.

Producer	Model
Zebra	Any model supporting ZPL II programming language

Table 5–3 Local printer models supported

#### 5.3.2 Network printers

Label printers on the company network can be addressed for label printing from Snitcher. A network-connected printer requires a built in network card (recommended) or a print server box hardware attached.

Producer	Model
Zebra	See Table 5–3, with or without network card built in
Print Box	<b>(Optional)</b> For Printers without built in network cards a Print box is required
Print server	<b>(Optional)</b> Replaces Print Box, but more sophisticated

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**Table 5–4 Network printer models supported**

## 6 SECURITY

The system environment should be secured in a proper way, regarding redundancy, UPS and backup. This is necessary for avoiding unplanned downtime.

If the system is not within a closed network, a firewall must protect the system and antivirus software installed on all computers.

The security for the system environment can be designed in several ways. When signing a support contract with Prevas the security measures must be approved by Prevas.

## 7 REVISION HISTORY

Revision	Date	Comment	Responsible
V1	2005-05-16	New document. Converted from KS011s003a02	KEGU
V2	2006-11-27	Updates from the Snitcher TES	KEGU
V3	2008-05-23	Updates regarding PPC and RAM	KEGU
V4	2011-08-31	Updates regarding SAM Web changes	MAHA