DAELIBS

Time Solutions

Keeping Track Of Business

Quality Assurance Management

for

Security Patrols

&

Guard Services

Overview

In 1996 Daelibs Keeping Track of Business (DKTOB) commenced the Australian design and development of the DAELIBS (Data Analysis Electronically Logged Information Based System).

For 14 years DKTOB has been dedicated to ongoing research and development of the Daelibs SeeknFind product range.

There are several model variations in the Daelibs Logger range. All the Daelibs SeeknFind products are locally manufactured, maintained and supported.

Daelibs Hardware with SeeknFind Software has produced a local industry designed solution for the Security Industry. SeeknFind enables owners of Security Companies, Contract Managers and Asset Owners to manage Quality Assurance and Key Performance Indicator reports for Static Guards or Mobile Patrol Personnel visits to patrol point inspection locations.

A choice of two Daelibs hand held Data Logger models are designed to read the electronic identity of iButtons and/or RFID tags.

SeeknFind integrated with HYT radios and active RFID transponders delivering real-time on-line KPI monitoring is also available.

The SeeknFind Web Browser and Network enabled Software manages the registration of Daelibs Loggers, iButtons or RFID Tags and active RFID Transponders to visit point locations.

SeeknFind KPI / QA reports the detail of was a patrol inspection point visited within the expected time frames. Reports are generated over nominated periods. Reports can be viewed over the Internet or printed and Emailed as a .PDF document.

Daily, computer generated KPI reports can be emailed to QA managers.

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Daelibs Logger Choices

DL5p Blue Logger and Multi-purpose Docking Station

- DL5 P Logger Reads iButtons,
- Memory Capacity 2,400 records,
- Has a replaceable battery. Bench tested to read 170,000 records before battery replacement.
- The Multi-purpose Docking Station can download data from the DL5 Logger via a computer USB connection or via a wireless GPRS link to the central SeeknFind data management server.

- RL3 RFID iButton Logger
- Reads RFID proximity Tags and iButtons
- Memory Capacity 2,500 records
- Has a rechargeable battery
- Downloads at a computer.

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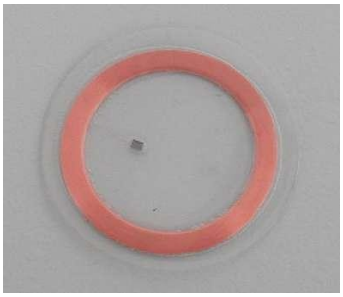
iButtons - RFID Tags and Transponders

iButton F3 Plain
Stainless Steal Disk 3mm in height

iButton F5 Plain
Stainless Steal Disk 5mm in height

RFID Proximity Tags. Black or beige Tags 20mm and 30mm Plastic Disk. 125KHz RFID chip encapsulated in a Plastic Disk. The plastic disks can be embedded in wood or plastic.
Ideal for tropical climate locations. Proximity read range of 2cm.



RFID Proximity Tags.
125KHz RFID in 20mm Clear Patch for adhering to glass.
Read range of 2cm through a glass.
Ideal for mounting on the inside of a window pane.

RFID Active HYT Transponders with adjustable range settings from 2cm proximity to 30 metres open field range.
Battery powered facilitates maximum flexibility for wide ranging indoor and outdoor installation options. Works in conjunction with a HYT Radio Transceiver.

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Data Transfer from Daelibs Logger to SeeknFind

There are two options for downloading data from a Daelibs Logger to the SeeknFind database.

Using wireless telecommunications GPRS connections from a vehicle.

Using a USB connection at an Internet connected computer

Historically the security industry data management database has been run on a stand alone computer. The basic principle of stand alone databases makes it difficult to provide quality support and service maintenance to the end user.

In 2005 DKTOB introduced the option for our clients to have the SeeknFind database hosted on a secure SeeknFind server. This has proven to be a very popular option.. The SeeknFind Internet service has has become accepted and is being provided to clients Australia wide and into PNG.

This innovation delivers to end user flexibility and the highest possible level of software security and service support. This innovation breaks down the recurring problems experienced with isolated Stand Alone installations.

The options for downloading the data to SeeknFind Server are either via a Internet connected computer with a USB or RS232 9 Pin Serial Port or by using a telecommunications wireless GSM – GPRS modem connection.

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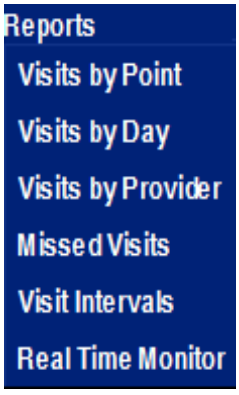
SeeknFind KPI Software Reports

SeeknFind Software enables the user to manage the Register of iButtons or RFID Transponders to Patrol Point Locations, and Daelibs Loggers to Personnel.

The data from the Loggers is downloaded from the Logger to the Secure SeeknFind *(see Page 5).*

The Logger Data is stored in the SeeknFind Database were required information is able to searched for and a range of Reports generated.



SeeknFind reports for the Security Industry have been developed and customised at the request of DKTOB security services clients.

The range of reports service both mobile security patrols and site based guards in shopping centres and similar public precincts.

The integration of Daelibs SeeknFind products with HYT portable radio transceivers can deliver Internet accessible 24x7 real time patrol point data from remote sites to a manager's desk top.

Visits by Patrol Point

This report presents a summary and the detail of each patrol point visited within set date and time parameters.

The report offers options for a grouping of Patrol Points or for selected and specific locations.

The time lapse between visits is reported as an interval.

Summary

Point	Visit Count
DEMO 00 Crazy Prices	32
DEMO Main Entrance Big Bank	57
DEMO 00 Best Books	40
DEMO 00 Cheap Shoes	36

Point	Provider	Visit Time	Interval
DEMO 00 Crazy Prices	Cleaner 04	03/08/2009 09:35:38	-
DEMO 00 Crazy Prices	Cleaner 06	03/08/2009 09:44:06	0h 08m 28s
DEMO 00 Crazy Prices	Cleaner 04	03/08/2009 10:03:48	0h 19m 42s
DEMO 00 Crazy Prices	Cleaner 06	03/08/2009 10:10:40	0h 06m 52s
DEMO 00 Crazy Prices	Cleaner 04	03/08/2009 10:35:44	0h 25m 04s
DEMO 00 Crazy Prices	Cleaner 04	03/08/2009 10:36:48	0h 01m 04s

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SeeknFind Software Reports

Visits By Location

Reports over a nominated time interval for the visits to each patrol Point location for a given day in summary table.

And the locations that were attended on each day.

This example is representative of a foot patrol Guard working in a shopping centre

03/08/2009 15:31:45	DEMO Rough Roads	Security 03
03/08/2009 15:32:26	DEMO North Roof Car Park Entrance	Security 03
03/08/2009 15:33:38	DEMO North Roof Car Park Entrance	Security 03
03/08/2009 15:35:54	DEMO North Roof Car Park Entrance	Security 03
03/08/2009 15:36:31	DEMO Main Entrance Big Bank	Security 03
03/08/2009 15:36:42	DEMO Rough Roads	Security 03
03/08/2009 15:36:49	DEMO North Roof Car Park Entrance	Security 03
03/08/2009 15:38:11	DEMO Main Entrance Big Bank	Security 03
03/08/2009 15:41:14	DEMO 00 Crazy Prices	Security 03

Visits By Provider

Reports over a nominated time interval the number of visits to each location for a given day in summary table. And the locations that were attended on each day.

This example shows 3 of 4 foot patrol guards on active duty in a shopping and the numbers of patrol points each one has visited.

The detail lists the patrol points passed. For a Mobile Patrol it would represent the sites and locations inspected with the interval time lapse for travelling between each point.

Summary

Provider	Visit Count
Security 01	283
Security 02	0
Security 03	27
Security 04	14

Visits for Security 01

Point	Guard	Visit Time	Interval
DEMO Fruit Salad - Leos		12/08/2009 17:00:16	-
DEMO FC Coffee Bar Corner		12/08/2009 17:01:14	0h 00m 58s
DEMO Toilets Public CM Foyer		12/08/2009 17:01:48	0h 00m 34s
DEMO Rough Roads		12/08/2009 17:02:11	0h 00m 23s
DEMO Rough Roads		12/08/2009 17:03:27	0h 01m 16s

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Quality Assurance Spot Check Reports

Missed Visits

Reports over a nominated time interval **the actual number of visits provided** to a patrol point location measured against the **the number of visits expected** to be delivered.

To manage the potential for manipulating the report results, the analysis report has built within it a time offset formula.

Demonstration Facility Malls

Start	End	Expected	Actual	Ignored	Missed
Visit Point: DEMO 00 Best Books					
Thu 06/08 17:30	06/08 21:30	6	5	2 < 5 mins	1
Visit Point: DEMO 00 Cheap Shoes					
Thu 06/08 17:30	06/08 21:30	6	5	6 < 5 mins	1
Visit Point: DEMO 00 Crazy Prices					
Thu 06/08 17:30	06/08 21:30	6	4	0 < 5 mins	2

Visit Intervals – Unique to the Daelibs HYT Real Time Recording System.

This report analyses the time lapse between visits to patrol point locations.
It has application for strategic site foot patrols where set lap times are expected.

Demonstration Facility Malls back to summary

Start	End	Long	Note	
Visit Point: DEMO 00 Best Books				
Thu 06/08 17:30	06/08 21:30	2 >30 mins	Miss Visit	Details
Visit Point: DEMO 00 Cheap Shoes				
Thu 06/08 17:30	06/08 21:30	2 >30 mins	Miss Visit	Details
Visit Point: DEMO 00 Crazy Prices				
Thu 06/08 17:30	06/08 21:30	2 >30 mins	Miss Visit	Details

The expect time lapse is 30 minutes. Any times greater than 30 minutes will be identified in the Visit Interval report.

Expected

Provider	Visit Time	Diff	
Security 01	06/08/2009 17:55:50	0h 04m 52s	
Security 01	06/08/2009 18:32:18	0h 36m 28s	Long Interval
Security 01	06/08/2009 18:54:38	0h 22m 20s	
Security 01	06/08/2009 19:16:18	0h 21m 40s	

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SeeknFind Internet Hosted Data Server

The SeeknFind Internet Hosted Data Server enables registered users with a assigned User Name and Password the ability to access the SeeknFind data over any Internet connected computer.

User Name and Passwords have assigned access privilege levels depending on the requirement of the individual user.

User Levels:

Administrator – able to view, add and edit iButtons or RFID tags location registers and to assign or edit Logger allocations to staff or contractors.

Clerical Assistant – with restricted edit and viewing rights to specific client groups to edit or add iButtons of RFID tags to defined locations.

Report Viewer – Can only view reports for the Patrol Point locations or Loggers associated to specific a permission group or groups.

The SeeknFind Internet Hosted Package overcomes the need to install the SeeknFind Software Package on an isolated Stand Alone computer.

Isolated stand alone computers can be difficult and costly to remotely support. There is the risk that critical data maybe lost through a computer operating system crash, a hard-drive failure, or equipment theft.

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Choices For Data Transfer from Data Logger to Computer

Introducing the Daelibs Multi-purpose Data Docking Station

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The Daelibs Data Docking Station introduces a new dimension for transferring data from mobile field patrols and static guard services.

In addition to being used for a USB connection to a computer the Multi-purpose Docking Station is a smart device that uses the GPRS technology to transfer data over the wireless GSM mobile phone network.

This functionality will also enable a Mobile Patrol to download data to the SeeknFind Internet Server over the Mobile phone network or via an in-car Broadband wireless computer terminal.

Daelibs SeeknFind delivers wireless downloaded verified attendance data from a Patrol Car to an Internet connected computer near you.

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SeeknFind - Critical KPI Red Alert Monitor

Combined with the HYT portable radio transceivers and Active RFID tags SeeknFind can deliver on-line real-time QA management red alert reports.

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In the past year five shopping centres in Queensland and one in New South Wales have been equipped with the combined SeeknFind - HYT on-line real-time KPI management solution.

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Hardware Accessories

Leather Logger pouch with window. Light weight with belt clip.

Webbing Logger Pouch Heavy duty. For wearing on a webbing belt

iButton Mounting Flange Plastic
Plastic mounting flange for F5 iButtons

iButton Mounting Flange. Stainless Steal tough iButton mounting flange for F5 iButtons

iButton Registration Reader Cable.
Used to Register iButtons directly into the SeeknFind data base

RFID Tag Registration Reader Cable
Used to Register RFID Tags directly into the SeeknFind data base

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