Users Guide

ArmTracker

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Part I

1 Introduction

1.1 Welcome

ArmTracker is an easy to use software application for managing Products, Clients and Armadillo Registration Keys.

It Features:

- Easy To Use Interface
- Customer Address Book
- Product Database
- Key Template Database
- Defaults for Each Certificate
- Custom Email Templates
- Create Single or Mass Keys
- Mass Emailing of Selected Keys
- Customer Mailing Lists
- Windows XP/7/8

ArmTracker also comes with a special Language Translator, allowing users to customize the ArmTracker interface into their own language.

Once a user is registered, all future software upgrades are free and available for download from a special Private Members area on the ArmTracker website.

Software support is also available in the Support Area on the ArmTracker website.

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1.2 Contact / Support

Web Links:

ArmTracker is available for purchase online at:
http://www.reelmedia.org/armtracker

Technical support will be answered via email:
support@reelmedia.org

Mailing Address:

Reel Media Productions
45 Parson Street
Kenora, ON P9N 3V8

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Part II

2 Main MenuBar

2.1 Overview

The ArmTracker MenuBar allows you to select various options for creating/opening new databases, customizing settings and obtaining helpful information.

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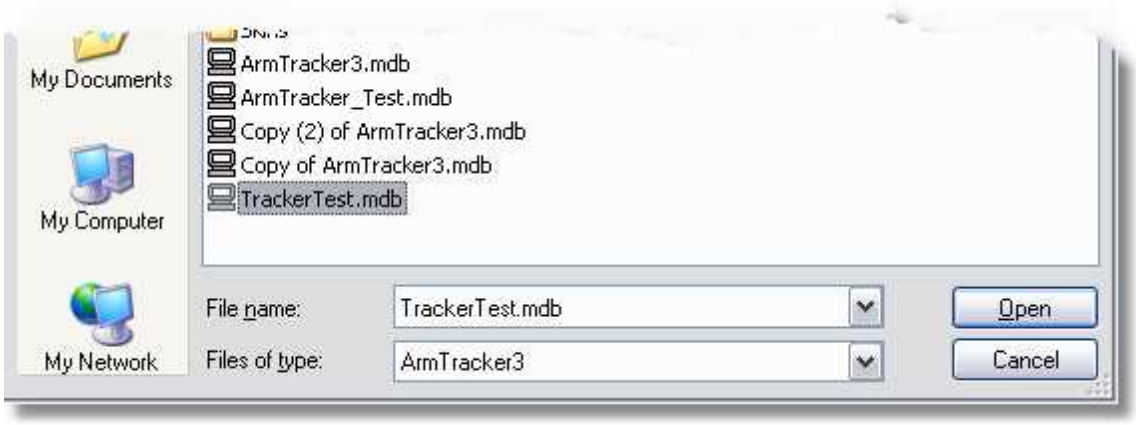
2.2 File

2.2.1 Open Database

Selecting **Open Database** from the menubar will allow ArmTracker to connect to a new existing database.



The database can be located on the same computer, a computer on a local network, or even a computer on the internet through a Virtual Private Network.

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2.2.2 Create Database

Selecting **Create Database** from the menubar will allow ArmTracker to create a new empty database.

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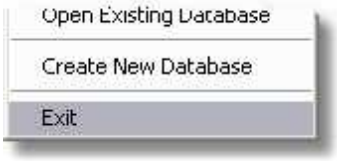
2.2.3 Exit



Selecting **Exit** from the menubar will tell ArmTracker to close the current database and quit the program.

You can also click on the

button in the top right of the menubar to **Exit** the program.

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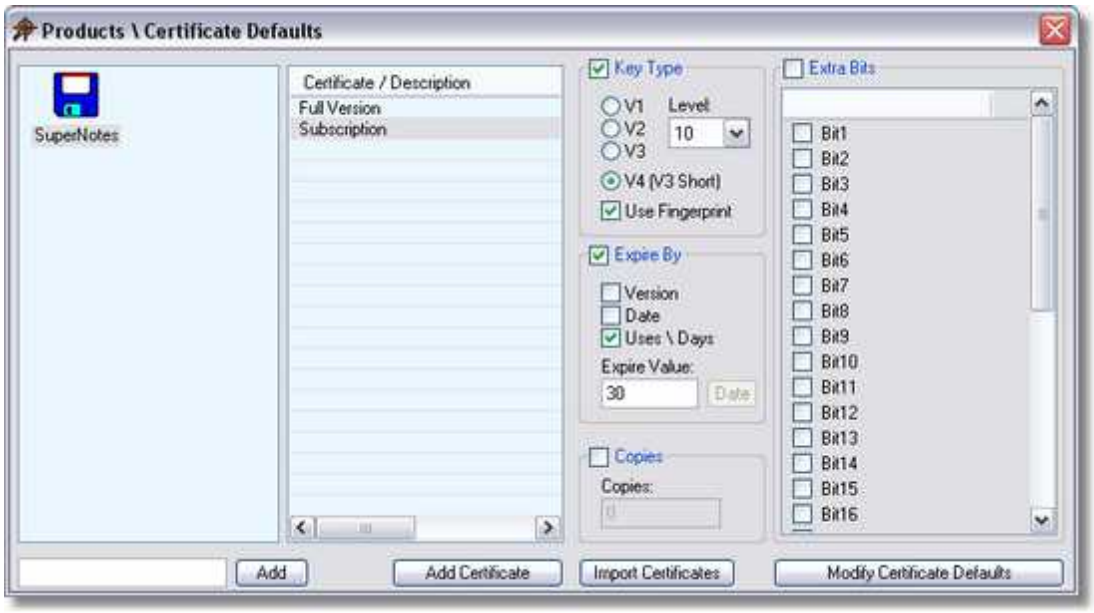
2.3 Edit

2.3.1 Products/Certificates

This section of ArmTracker is where you set up your Products and Certificates that will be used to generate Registration Keys.



The workflow is from left to right.

- Add your Products
- Create Certificates for each Product
- Modify Certificate Defaults

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2.3.1.1 Adding Products

Start by entering the name of your Product in the Product field and pressing the **Add** button.

You can delete a Product at any time by Double Clicking the Right Mouse Button on the Product Icon.

Note: If you delete a Product, all Certificates associated with that Product will also be deleted.

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2.3.1.2 Adding Certificates

Once you have Products entered into ArmTracker, the next step is to add Certificates to them. The information used to create a Certificate is the same information used in your Armadillo Key Certificate.

Select a Product by clicking on a Product Icon, then Press the **Add Certificate** button to add a new Certificate to that Product.

You will then be asked to enter the Certificate Name and the private Armadillo Key Template.

The information entered in the above fields should be the same information that appears in your Armadillo Key Certificate (shown below):

Press the **OK** button to store this new Certificate in the ArmTracker database.

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You can delete Certificates by simply Double Right Clicking on the name of the Certificate you wish to delete.

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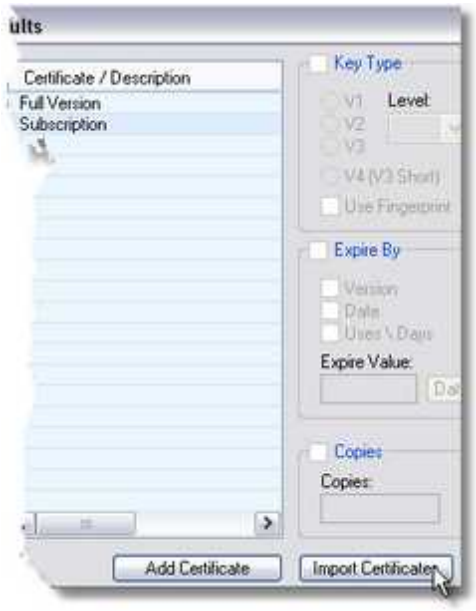
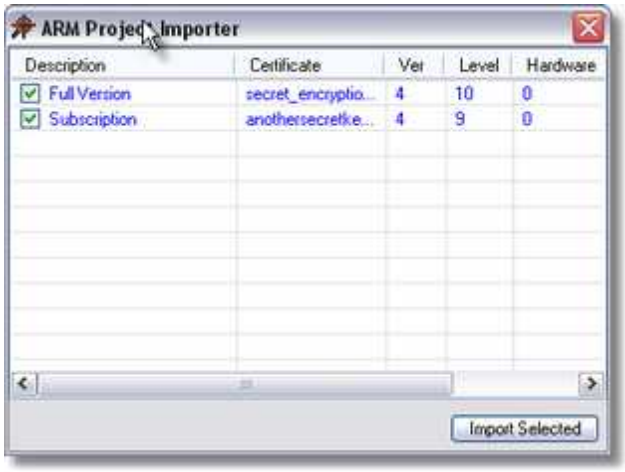
2.3.1.3 Importing Certificates

The quickest and probably easiest way to create Certificates is to import them from an Armadillo Project file.
To do this, simply press the **Import Certificates** button and locate the .ARM file you wish to import.



ArmTracker will list all the Armadillo Certificates contained in the .ARM file and let you choose which Certificates to import by placing a checkmark in front of each one.



Once you have selected all the Certificates you wish to import, press the **Import Select** button.

The select Certificates will be imported along with any additional settings using in your Amradillo Project file.

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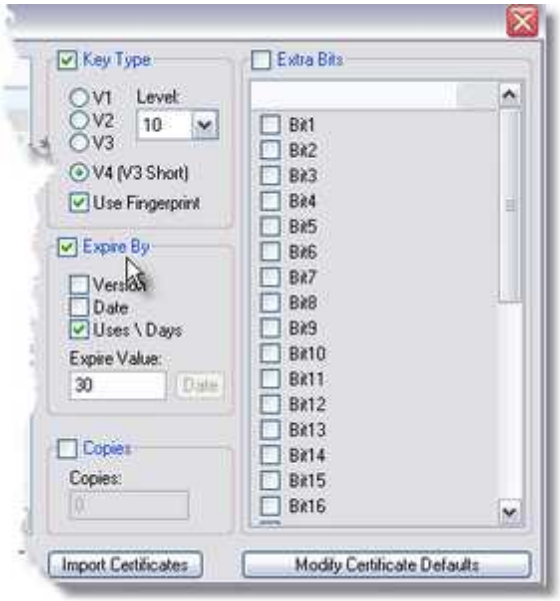
2.3.1.4 Modifying Certificates

After creating or importing Certificates, you may have to adjust various settings to allow for proper keys to be generated and appropriate fields to be available when generating them.

In this example, our Product was protected with Version 4, Level 10 keys. It also requires a hardware Fingerprint and expires after a set number of days.



The checkbox before Key Type, Expire By, Copies and Extra Bits acts like a lock. Once we enter the appropriate default values, we can lock (or disable) these settings preventing anyone from making changes when creating a key.

If we wanted the ability to adjust a setting, we would leave then leave certain settings unlocked.

For example if we wanted the default **Expire By Days** to be 30, but we wanted the option to adjust this value when creating our key, we would leave the Expire By area unlocked (or enabled) by placing a checkmark in the **Expire By** box.

Keys can also contain Extra Bits, which you can use to send extra information to your programs by turning these bits on and off. To help you remember what bits do what, ArmTracker gives you the ability to label these bits.

To do this, Double Click on the name of the bit you wish to label.

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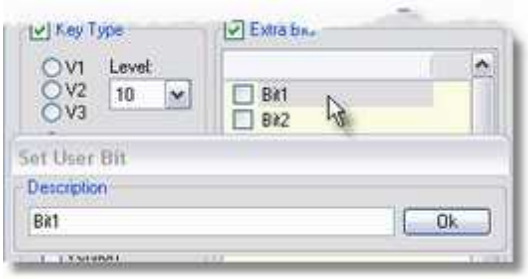
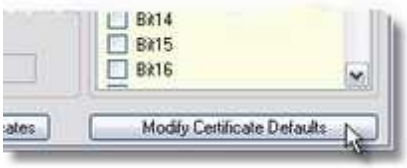


A small window will appear allowing you to enter a description. Press the **OK** button to store this information.

Once you have made all the appropriate changes to customize your Certificate, press the **Modify Certificate Defaults** to save these changes. If you do not press this button, not changes will be saved.



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2.3.2 Create FixClock Key

When a Client of your software changes his system clock either by accident or intentionally to try and defeat the Armadillo protection, the software may stop working and report a **Clock Back** error.

You can issue a special FixClock key which will fix the clock problem on the Clients computer and allow him to use the software again.

Simply enter the name of your Product (the name used in the Product/Certificate) and press the **OK** button.
A new **FixClock** key will be generated which you can send to your Client.

In some situations a **FixClock** key will not solve the problem and a new Registration Key must be issued.

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2.3.3 Validate Key

To check if a User/Key combination is valid, you can use the **Validate Key** option from the Main Menubar.

Select the appropriate Product/Certificate, enter the User/Key combination and then press OK. If the User/Key is valid for the selected Product/Certificate, you will be given the date the key was originally created.

This Window can be kept open while using the main ArmTracker interface. This allows you to easily copy and paste information from the Key Information box in the Registered Users section.

2.3.4 Clipboard Importer

If you receive customer information via email, you can use the import clipboard **[F8]** (function key F8) feature to quickly enter the email data into the appropriate fields in ArmTracker.
First set up the appropriate rules in the **Import Clipboard Settings**.

Example:
The email you receive from your online registration service looks like this...

This notification was sent using Reg.Net's automated on-line system.

Transaction #: 123456

Author Company: Reel Media Productions
Author Name: Paul Leischow
Author e-mail: sales@relmediaproductions.com

Program ID: 12345
Program: ArmTracker

Customer Comapny: SecurityTrek

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Customer First: John
Customer Last: Doe
Customer Address1: 123 Dark Street
Customer Location: Somewhere, ON P0X1C0 Canada
Customer Phone: 1-807-555-1212
Customer e-mail: jdoe@sample.com

Method: WEB
Quantity: 1

Cost: $25.00

In the Importer Clipboard Settings we could do this:

Now select the text in your email and copy to the clipboard.

Then open ArmTracker and press the **[F8]** function key to import clipboard.

What this does is search for the text you enter in the clipboard settings and assigns it to the appropriate field in ArmTracker.

In our example the email received has the City/State/Zip/Country all combined into the "Location" field so we just insert it into the City field in ArmTracker and manually fix this after importing.

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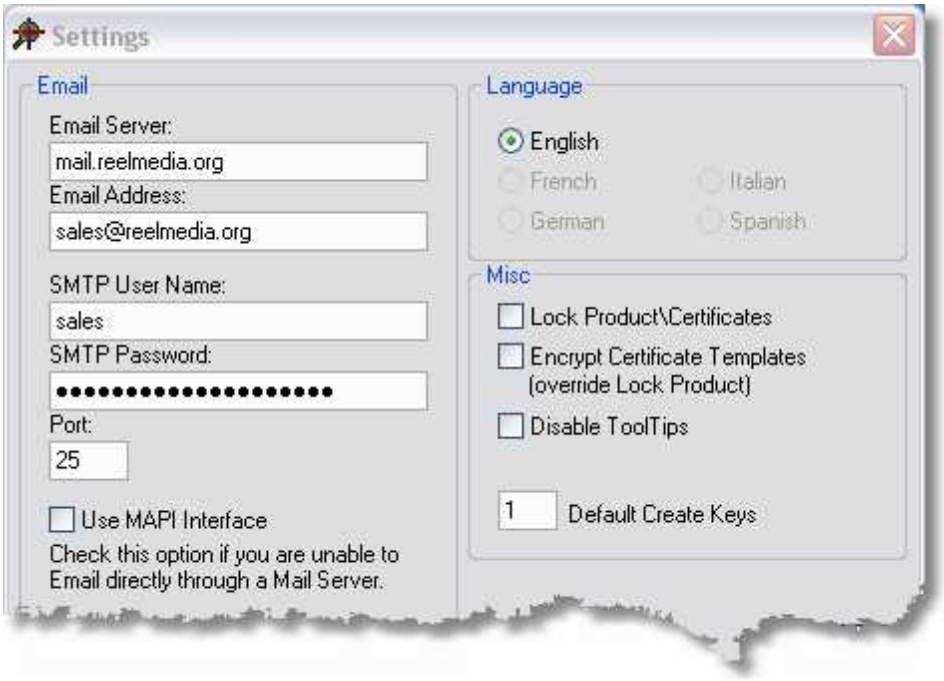
2.3.5 General Settings

The settings panel allows you to customize email settings, select language preferences and lock/ encrypt various parts of your ArmTracker database.



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2.3.5.1 Email

ArmTracker provides two ways to send email to customers, through it's own internal email system and through the Windows MAPI Interface.

To use ArmTracker's internal email system, enter the name of the email server that it will be communicating with, along with the email address you wish to appear in emails that are sent.

If your Email Server requires User/Password authentication, enter the required information in the appropriate fields else leave them empty.

You also have the option of changing the default PORT (Port 25) used to send Email.

All email sent out will contain this address in the **From** field unless overridden with an address specified in the **Email Template** or **MailingList Template**.

If you cannot connect directly to your email server with ArmTracker, you will have to use the MAPI Interface. Enable the MAPI Interface by putting a check in the check box. This will tell ArmTracker to generate it's email but send it to your default email client.
Once ArmTracker has completed creating email and sending it to your email client, you must then open your email client and press the **Send Email** button to send out the generated email.

2.3.5.2 Language

ArmTracker includes **English** as its default language. As additional language files are created, you can download and install them from the ArmTracker Website.

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When ArmTracker detects additional valid language files, the option to enable them will appear in the language settings area.

2.3.5.3 Misc

If you are an ArmTracker administrator and have other people using the software, you may want to **Lock** the Product/Certificate area to prevent settings from being changed or private Templates from being seen.

To enable this option, check the box marked **Lock Product/Certificates.**

You will then be asked to enter the current password. If this is the first time using this option, the password is an empty box. Simply press **Ok**. You will then be asked to enter a new password. After entering a new password you will be asked to type it again just to verify that you did not make any typing errors. **Do not forget this password.** It is encrypted and we cannot decrypt it for you.

For the strongest security, ArmTracker has the ability to encrypt the Certificate Templates in the database itself. This prevents people from looking inside the database and searching for private Templates which are used to generate the Keys.

To enable this option, check the box marked **Encrypt Certificate Templates**.

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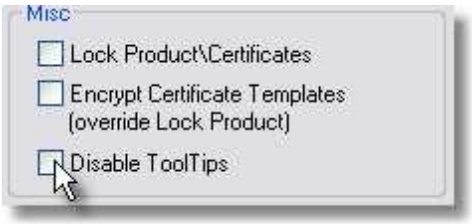
You will then be asked to enter the current password. If this is the first time using this option, the password is an empty box. Simply press **Ok**. You will then be asked to enter a new password. After entering a new password you will be asked to type it again just to verify that you did not make any typing errors. **Do not forget this password.** It is encrypted and we cannot decrypt it for you.

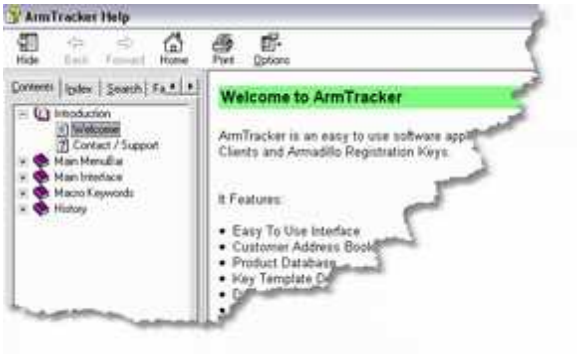
When you place the mouse pointer over various buttons in ArmTracker, small balloon tips will appear containing short help messages telling what that particular button does. You can turn this feature off by checking the **Disable ToolTips** box.



2.4 Help

2.4.1 Help

This option will open the ArmTracker Help file you are currently viewing.



2.4.2 QuickStart Tutorial

Selecting this option opens your default Web Browser and takes you to the Online Tutorial section of the ArmTracker website.

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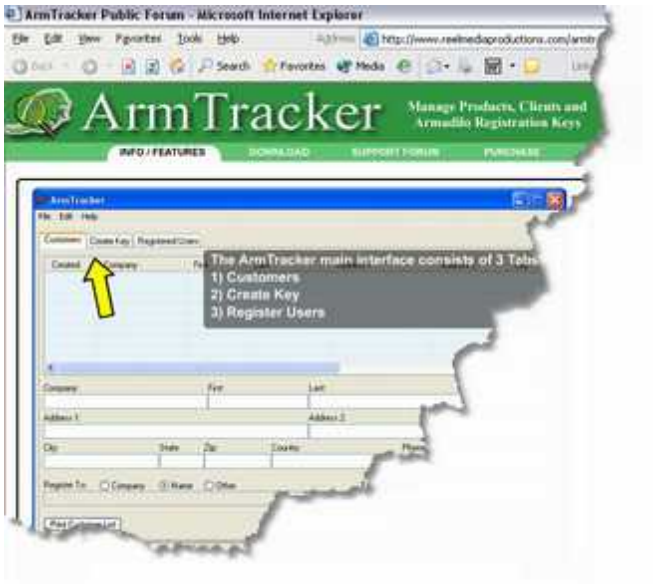

The Online Tutorial will guide you through the basic steps in using ArmTracker quickly and efficiently.

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2.4.3 Visit Website

Selecting this option opens your default Web Browser and takes you directly to the official ArmTracker Website.

This is a quick and easy way visit the Support Forums, Purchase Online or read about the latest version of ArmTracker.

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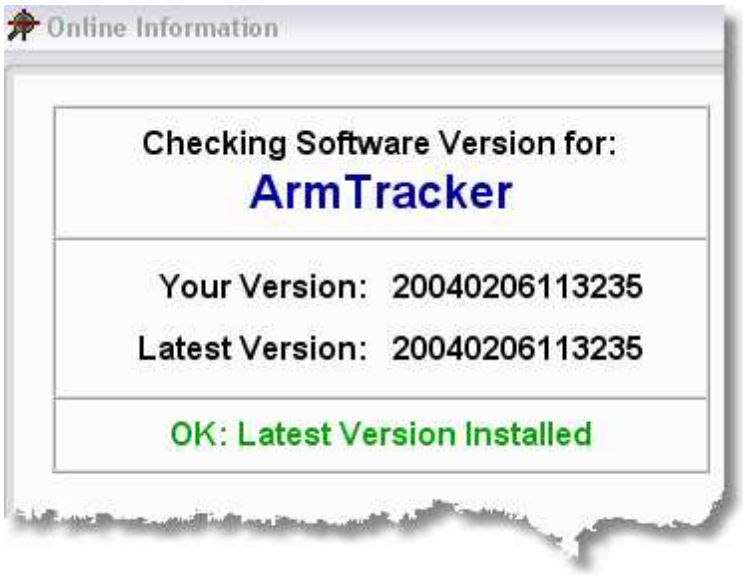
2.4.4 Online Updates

To make sure you are always using the latest version of ArmTracker, you can use the **Check for Online Updates** option to easily compare your current version with the most recent version available for download.



If it is detected that you are using an older version, it will supply you with a link to the Private Members area allowing you to download the newest version.

Note: You must be connected to the internet to use this feature.

2.4.5 Enter Registration Key

After purchasing a registration key for ArmTracker, you can select this option to enter your key into ArmTracker.

There may also be times when you upgrade your computer system and need to reinstall ArmTracker. Select this option to re-enter your old key or to enter a new key.

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2.4.6 About

This option shows you what version of ArmTracker you are currently using along with what version of codegen.dll ArmTracker is using internally.

It also displays the serial number to which ArmTracker is currently registered.

When asking for tech support, it is best to copy/paste include this information with your email.

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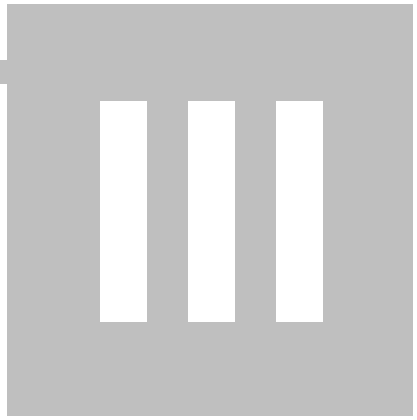
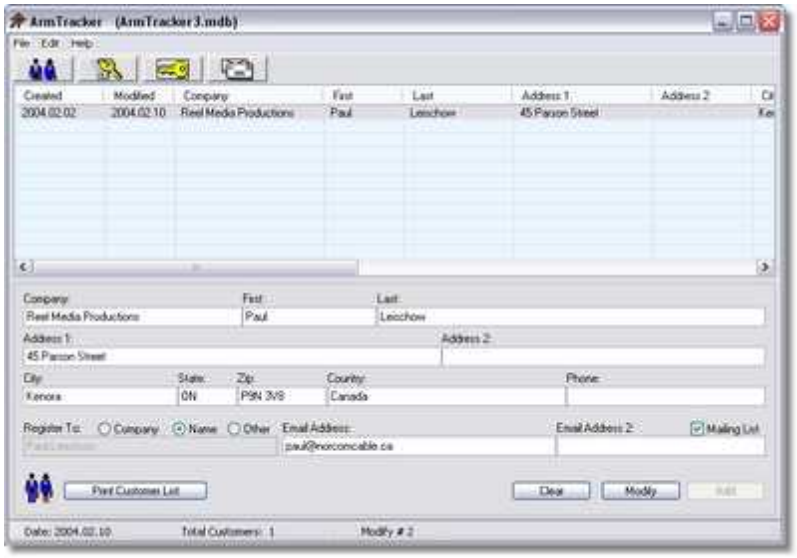
Part



3 Main Interface

3.1 Overview



The Main Interface consists of 4 separate areas which are organized in the order of Key Production.

Customer Database

This area is where you enter Customer information. ArmTracker users this information when generating keys, emailing registrations and mailing lists.

Create Keys

This area is where you match up products/certificates with customers to create registration keys.

Registered Users

This area is where you email registration keys to customers by selecting customers and then email template to use.

Mailing Lists

This area is where you email informational letters to customers in your database.

Search Database

This allows you to search through various parts of the ArmTracker database depending on the area you

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are currently viewing.

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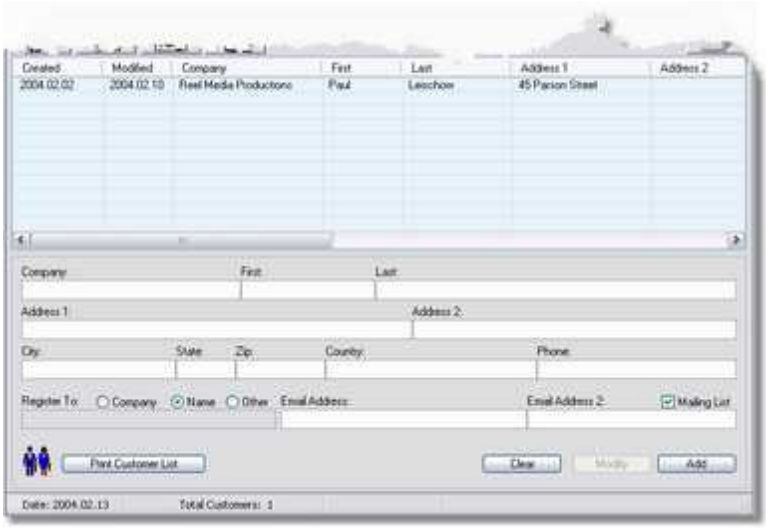
3.2 Customer Database

The **Customer Database** interface is where Customer information is entered into ArmTracker. ArmTracker uses this information when generating keys, emailing registrations and creating mailing lists.

The **Customer Database** interface is broken into two section:

- Customer Information
- Customer Data Entry



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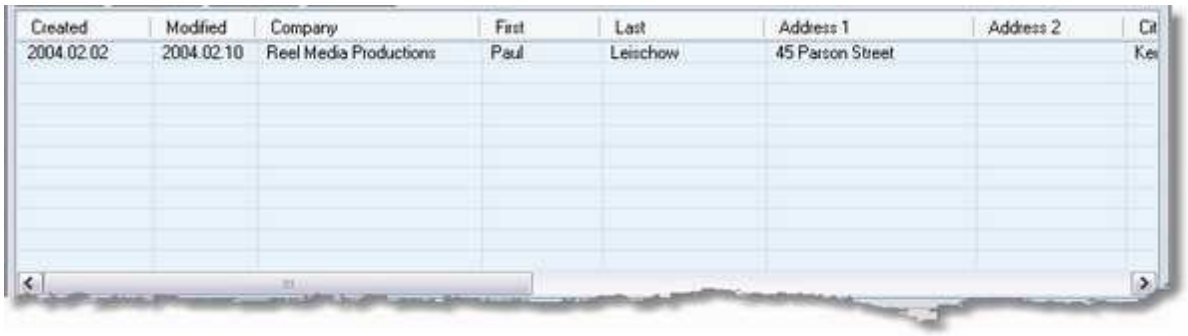
3.2.1 Customer Information

The top section of the Customer Database interface contains a list of all the customers in the current database. This list is sorted ascending by Last Name. If you wanted to sort the list by Company, simple click the **Company** heading. To sort the list by Company descending, simply click the **Company** heading a second time.



Modifying Customer Information

To modify customer information, select the customer you wish to modify from the list by clicking on it. The customer information will then be transferred to the bottom section of the **Customer Database** interface, allowing you to change any of the information.

Once you have made the appropriate changes, press the **Modify** button.

Duplicating Customer Information

To duplicate customer from the database, simply select the customer from the customer list by Single Right Clicking on it. This will copy the customer information down into the input fields allowing you to add new customers that are similar to existing customers but only need a few fields changed.

Deleting Customer Information

To delete a customer from the database, simply select the customer from the customer list by Double

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Right Clicking on it. You will be asked to confirm the deletion process.

Adding Customer Notes

Special Notes can be added to any Customer in the ArmTracker Database. Simply Double Left Click on the selected Customer and a Notes Dialog will appear. Enter your notes and press the **OK** button to save it.

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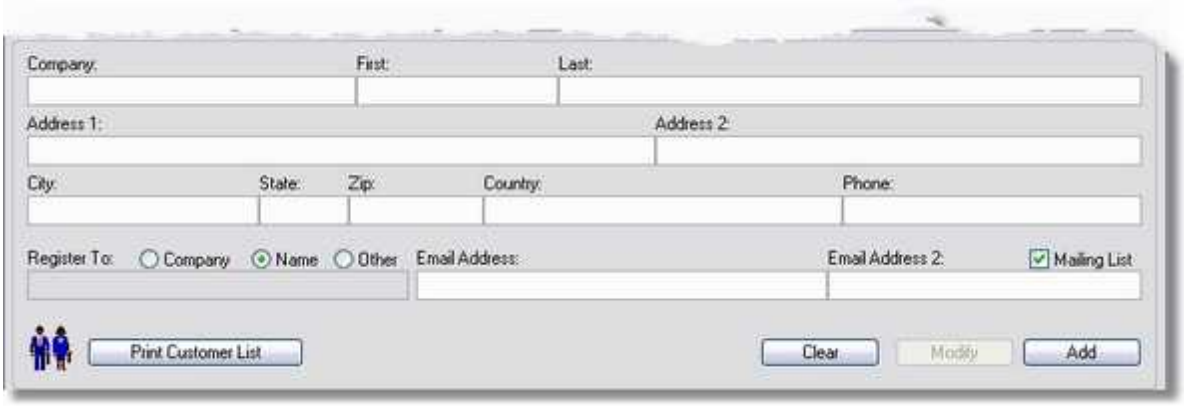
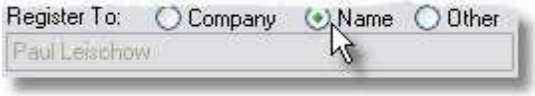
3.2.2 Customer Data Entry

The bottom section of the **Customer Database** interface is where you enter all the various Customer Information.



To clear all data from the form before entering a new customer into the database, press the **Clear** button.

When entering customer information, keys will be generated using the customers name by default.



If you wish for the key to be generated using the customers Company Name, simply select **Company** in the **Register To** area.
There may also be times when you wish for the key to be generated using a name other than the customers Name or Company Name. You can do this by selecting **Other** in the **Register To** area and entering a custom name. When selecting **Other**, both Company/Customer Name will be inserted by Default.

If you would like the customer to appear in the **Mailing Lists** section of ArmTracker, be sure to check the **Mailing List** check box.

After you have added all the Customer Information into the appropriate fields, press the Add button to **add** the information into the database.

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Printing Customer Lists

If you would like to print a list of all the Customers in ArmTracker database, press the **Print Customer List** at the bottom of the **Customer Database** interface.

You will be presented with the option to Preview the print job or send the data to the printer.

The print layout can easily be customized by editing the text files in the **ArmTracker3\Reports** folder:

- CustomerList_Header.txt
- CustomerList_Body.txt
- CustomerList_Footer.txt

These files use standard HTML code along with special ArmTracker **Macros**.

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3.3 Create Keys

The **Create Keys** interface is where Registration Keys are generated.

It is broken down into 4 sections:

- Product/Certificate List
- Customer List
- Customer History
- Key Settings

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3.3.1 Product/Certificate List

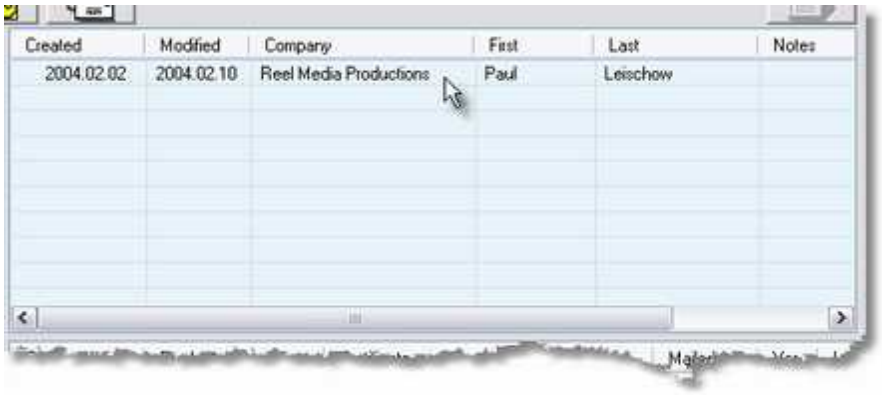
The Product/Certificate section allows you to select what product and certificate you would like to create a key for. All Products and Certificates that have been entered in the Product/Certificate section will appear in this list. Certificates are conveniently grouped with their appropriate Product.

When creating a key for a customer, you must select which Certificate under which Product you need the key generated for.

3.3.2 Customer List

The Customer List section is where you select which Customer for generate a key for. All Customers that have been entered using the Customer Database interface will appear in this list.

When you select a Customer, the Customers History will appear in the Customer History section.



This section also allows you to add little notes to the selected Customer. Simply Double Click on the selected Customer and a Notes Dialog will appear. Enter your notes and press the **OK** button to save it.

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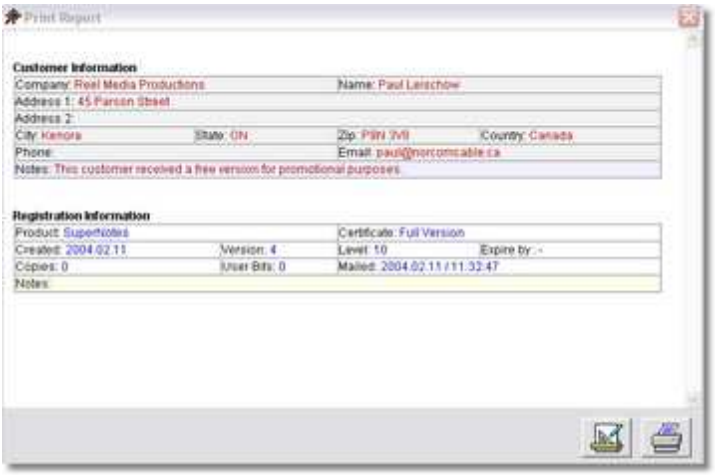
Printing Customer History

You can also print the selected Customer along with their Customer History by Double Right Clicking on the appropriate Customer.
You will be presented with the option to Preview the print job or send the data to the printer.



The templates for the Customer History report are stored in the **ArmTracker3\Report** folder and consist of:

- Customer.txt
- Registration.txt
- Footer.txt

These templates are written in standard HTML for easy customization and make use of the Create Key macros.

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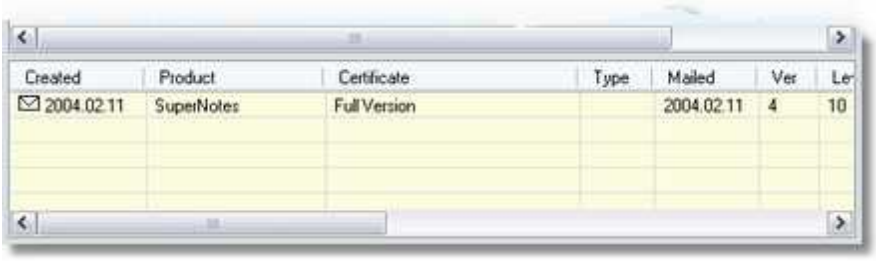
3.3.3 Customer History

When keys are created for a Customer, the information used to create that key is stored in the Customers History. This history also tells if and when the key was emailed along with any special notes you may want to include.



To add notes to a keys history, Double Click on the appropriate key in the Customer History list. You will be presented with a **Notes** dialog. Enter any special notes you want included and press the **OK** button to save them.

You also have the option of entering a **Type**. This is a special way of placing key history into additional categories allowing you to sort them later.

3.3.4 Key Settings

The Key Settings section of the Create Keys Interface is where you add any final customizing to the key information before the key is generated. Under most situations, all fields will be disabled because the defaults were set in the Products/Certificates interface.

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In our example we specified that this Certificate would expire in 30 days but could be adjusted by the person issuing the key, therefore the **Expire Value** is enabled allowing us to easily change the default.

Once you have selected a Product/Certificate, a Customer, and made sure all the keys setting are correct, press the **Create Key** button to generate a key.

If you are creating keys for a number of Customers using the same Product/Certificate you can create all the keys at once. Do this by selecting the Product/Certificate and then selecting all the Cutomers at once who you wish to create keys for. (use the standard Windows Shift or Ctlr keys for selecting individual or groups of Customers at one time)

If you would like to create more than one key per Customer, you can either press the **Create Key** button for every key you wish created or you can specify the number of keys you would like created by entering a number into the **Keys per Customer** box.

Show Registered Users of:
This drop box controls what Customers are displayed in the Customer List. Selecting **All** will display all the Customers int eh Customer database. Selecting **None** will display all Customers who have not yet been given registration keys. Selecting a specific Product name will display only those Customers who have received keys for that Product.

and of Type:
This drop box is an additional sorting feature. When you select a **Type** from this box, only Customers who's keys contain the specified **Type** will be displayed in the Customer List.

3.4 Registered Users

The **Registered Users** interface is where all the key registration information is displayed and where the registration keys are emailed from.

It is broken down into 3 sections:

- Registered Users List
- Key Information
- Email Keys

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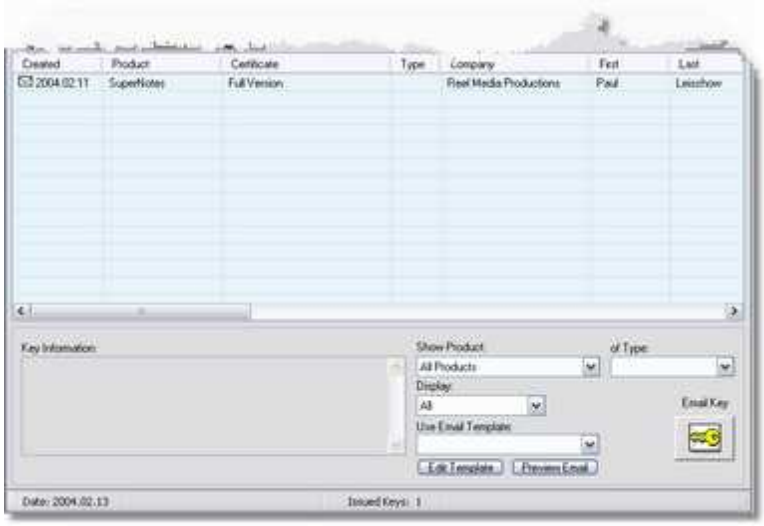

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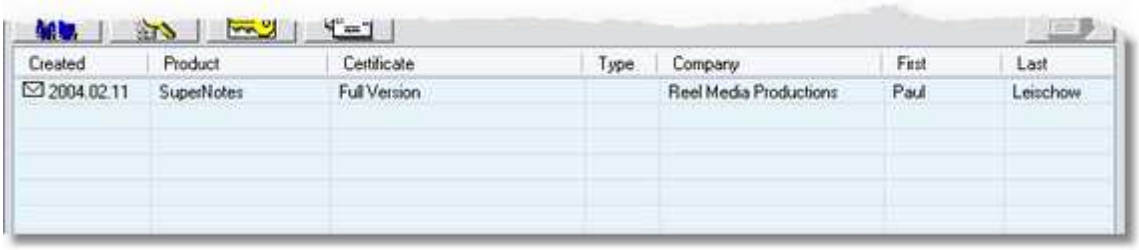
3.4.1 Registered Users List

The Registered Users List displays all Customers who have had keys generated for them. When a key is emailed to a Customer, a small mail icon will appear in front of their key information. This list can easily be sorted by selecting the column heading you wish to sort by.



When a Customer is selected from the Registered Users list, key information is displayed in the Key Information box.

Manual Key Entry

There may be times when you need to manually enter a registration key for a customer. To do this, first generate a key for the Customer in the Create Key interface. Once a key has been generated, the key information will appear in the Registered Users List. Select the Customer from this list and press **CTRL-M** on the keyboard. A dialog will appear allowing you to manually change the current Registration Key.

3.4.2 Key Information

When selecting a Customer from the Registered Users list, their **Key Information** will appear in the **Key Information** box. This allows for a quick and easy way to copy the information and paste it elsewhere.

3.4.3 Email Keys

The **Email Keys** section allows you to email the registration information to the selected Customer. Various sort options are provided to quickly locate keys that have been generated for the various Products.

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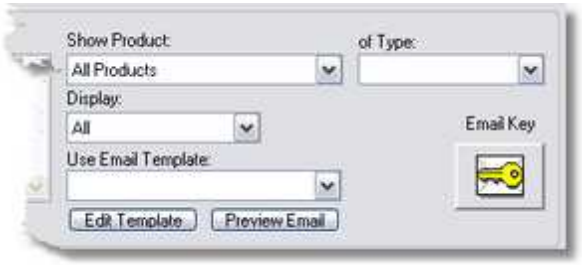

To email registration information to a Customer, select a Customer (or number of Customers) from the Registered Users list. Select an Email Template from the **Use Email Template** box and finally, press the **Email Key** button.

A window will appear showing if the email was sent successfully. When an email is successfully sent, a copy will be placed in the **ArmTracker3\Sent Items** folder.

Keys are sent by email based on the information provided in the General Settings section.

3.4.4 Email Templates

The Email templates are located in the folders:

ArmTracker3\Email

and are made up of standard HTML (web page) code for easy customization and make use of the Registered Users macros.

Address/Subject Override
By default, the Email "Subject" line is the name of your Product and the "From" line is the name entered under Email Settings. You can override this data by adding the "EmailFrom:", "EmailSubject:" and "EmailReply:" commands to your email template.

Example...

EmailFrom:yourname@domain.com
EmailSubject:New version of #Product# now Available!
EmailReply:support@otherdomain.com

Email Priority
You can also override the Priority of your email by adding the "EmailPriority:" command to your email template.

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EmailPriority:High

or

EmailPriority:Low

Note: By default, Email is sent out at a Normal Priority.

Attachments
You can attach a file to your Email by adding the "EmailAttachment:" command followed by the path of the attachment.

EmailAttachment: C:\Files\Image.bmp

HTML Support
By default your email is sent as Plain Text. You can have ArmTracker send your email as HTML by using the "EmailType: HTML" command.

EmailType: HTML

```
<html>
<body bgcolor=#FFFFEE>
My Message is now sent as an HTML page.
</body>
</html>
```

3.5 Mailing Lists

The **Mailing List** interface is where you can bulk email your Customers, depending on the Product they have a registration key for..

It is broken down into 2 sections:

- Customer List
- Send Email

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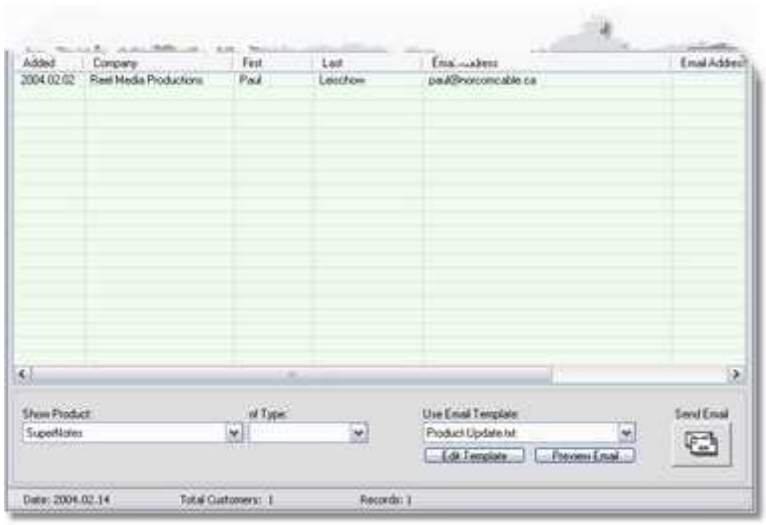

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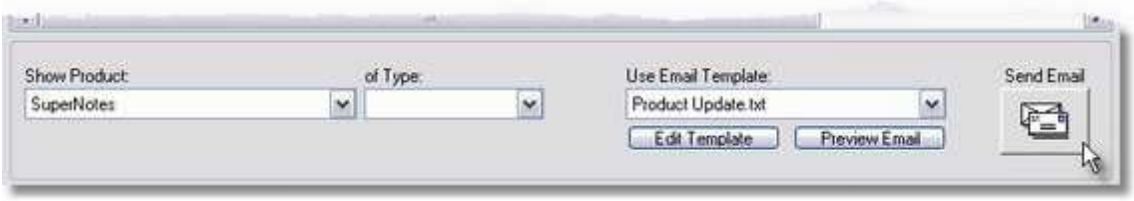
3.5.1 CustomerList

The **Customer List** displays all the Customers that have a registration key based on the Product selected in the Show Product box.

To send email to the Customers in this list, select the Customers clicking on them in the list and using the standard Windows Shift and Ctrl keys for multiple selections.

3.5.2 Send Email

The **Send Email** section is where you generate your Customer List based on the Product selected in the **Show Product** box. If you have specified a Type after generating a key, you can also search for Customers based on this information.



Once you have decided on the Customers you would like to send email to and selected them, choose a MailingList Email Template from the **Use Email Template** box. Then press the **Send Email** button.

Keys are sent by email based on the information provided in the General Settings section.

3.5.3 Mailing List Templates

The MailingList Templates are located in the folders:

ArmTracker3\MailingList

and are made up of standard HTML (web page) code for easy customization and make use of the Mailing List macros.

Address/Subject Override
By default, the Email "Subject" line is the name of your Product and the "From" line is the name entered under Email Settings. You can override this data by adding the "EmailFrom:". "EmailSubject:" and "EmailReply:" commands to your email template.

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Example...

EmailFrom:yourname@domain.com
EmailSubject:New version of #Product# now Available!
EmailReply:support@otherdomain.com

Email Priority
You can also override the Priority of your email by adding the "EmailPriority:" command to your email template.

EmailPriority:High

or

EmailPriority:Low

Note: By default, Email is sent out at a Normal Priority.

Attachments
You can attach a file to your Email by adding the "EmailAttachment:" command followed by the path of the attachment.

EmailAttachment: C:\Files\Image.bmp

HTML Support
By default your email is sent as Plain Text. You can have ArmTracker send your email as HTML by using the "EmailType: HTML" command.

EmailType: HTML

<html>
<body bgcolor=#FFFFEE>
My Message is now sent as an HTML page.
</body>
</html>

3.6 Search Database

This option allows you to create search queries to retrieve specific information from the ArmTracker

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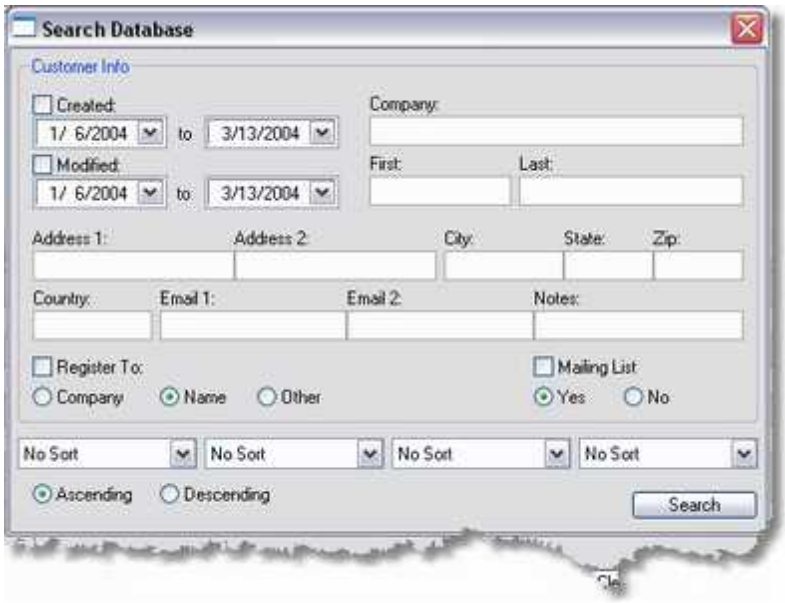
database.

The type of information you are allowed to query depends on the area you are currently viewing in the Main Interface.

3.6.1 Search Customers

When viewing the Customer Database list, you are able to query the Customer Database using custom settings that you specify.



Fields that are left blank or unchecked are not used in the search query.

Printing Search Results

You will be presented with the option to Preview the print job or send the data to the printer.

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The print layout can easily be customized by editing the text files in the **ArmTracker3\Reports** folder:

- SearchCustomer_Header.txt
- SearchCustomer_Body.txt
- SearchCustomer_Footer.txt

These files use standard HTML code along with special ArmTracker **Macros**.

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Part IV

4 Macro Keywords

4.1 Customers

When creating layouts to print from the **Customers** screen, the following Macros can be used:

- #Created#
- #Modified#
- #Company#
- #First#
- #Last#
- #Address1#
- #Address2#
- #City#
- #State#
- #Zip#
- #Country#
- #Phone#
- #Email#
- #Email2#
- #Notes#
- #RegisterTo#
- #User#

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4.2 Customer Search

When creating layouts to print from the **Search Customer Database** screen, the following Macros can be used:

- #Created#
- #Modified#
- #Company#
- #First#
- #Last#
- #Address1#
- #Address2#
- #City#
- #State#
- #Zip#
- #Country#
- #Phone#
- #Email#
- #Email2#
- #Notes#
- #RegisterTo#
- #User#

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4.3 Create Key

When creating layouts to print from the **Create Key** screen, the following Macros can be used:

- #Created#
- #Modified#
- #Company#
- #First#
- #Last#
- #Address1#
- #Address2#
- #City#
- #State#
- #Zip#
- #Country#
- #Phone#
- #Email#
- #Email2#
- #Notes#
- #RegisterTo#
- #User#

- #Product#
- #Template#
- #Type#
- #Created#
- #Version#
- #Level#
- #Finger#
- #Expireby#
- #Expire#
- #Copies#
- #Bits#
- #RegisterTo#
- #User#
- #Key#
- #Mailed#
- #Notes#

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4.4 Registered Users

When creating Email Templates to be sent from the **Registered Users** screen, the following Macros can be used:

- #Date#
- #Company#
- #First#
- #Last#
- #Product#
- #Certificate#
- #Finger#
- #Copies#
- #RegisterTo#
- #User#
- #Key#
- #Email#
- #Email2#
- #Notes#
- #Type#
- #Include#

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4.5 Mailing List

When creating Email Templates to be sent from the **Mailing List** screen, the following Macros can be used:

- #Product#
- #Company#
- #First#
- #Last#
- #Email#
- #Email2#
- #Include#

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4.6 #Include# Macro

The #Include# macro allows you to include an external text file in your current email file. If you create a folder in "ArmTracker\Email" called "Extra" and place a text file called "moreinfo.txt", you could include this file in a regular email by specifying:
#Include#Extra\moreinfo.txt#

This macro must be in a line be itself.

Note: The #Include# macro can be used in any email file but will be ignored if placed in the include file you are including.

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4.7 #Insert# Macro

The #Insert# macro allows you to insert a line of data from an external file. If you create a folder in "ArmTracker\Email" called "Extra" and place a text file called "Coupons.txt", you could insert a line from this file be specifying:
#Insert#Extra\Coupons.txt#

This allows you to create a file with lines of data (invoice numbers, coupon numbers, etc) and grab a line of data from this file every time the #Insert# macro is called.

Once a line of data is used from the specified file, it is marked with a ~ symbol and that line is not used again. This allows every inserted line to be unique.

Note: Always make sure you have enough lines of data in your external file to corrispond with the number of customers you have selected to have data inserted into.

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Part V

5 Database Format

5.1 MDB to MySQL

ArmTracker uses the Microsoft Access (MDB) database format. This allows for great compatability and flexability on the Windows platform, as well as the ability to quickly and easily create and change between multiple databases on a computer or network.

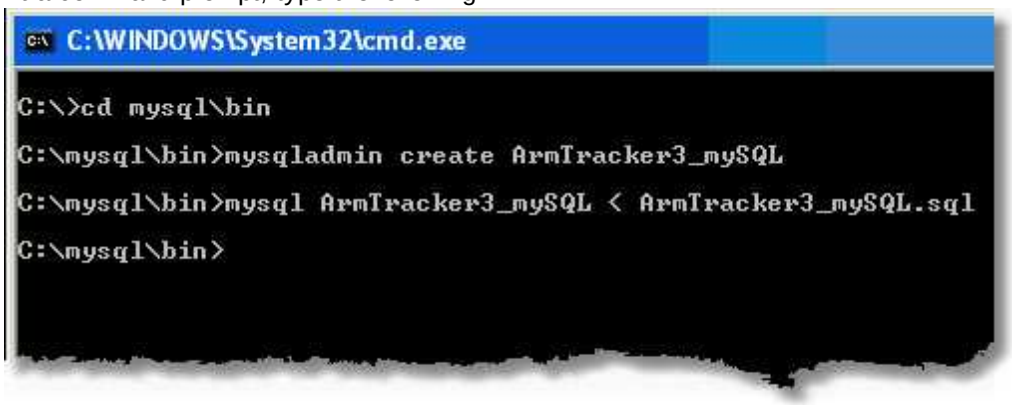
For those wanting even more flexability, ArmTracker provides some tools to create an ArmTracker database under MySQL and transfer the data from a MDB database to a MySQL database. These tools are located in the **ArmTracker\MySQL** folder.

You will need a working knowledge of MySQL, MySQL ODBC Drivers, and setting up MySQL databases.

Creating a MySQL database:

Step 1a: (command prompt method)

Copy the file **ArmTracker3_mySQL.sql** to the **mysql\bin** folder.
At a command prompt, type the following...



This will create the ArmTracker database and insert the appropriate tables.

Step 1b: (phpMyAdmin method)

Go to your phpMyAdmin webpage and do the following...

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Create a databae called **ArmTracker3_mySQL.**

Go to the SQL query section.

Browse for the file **ArmTracker3_mySQL.sql** located int he **ArmTracker3\MySQL** folder.

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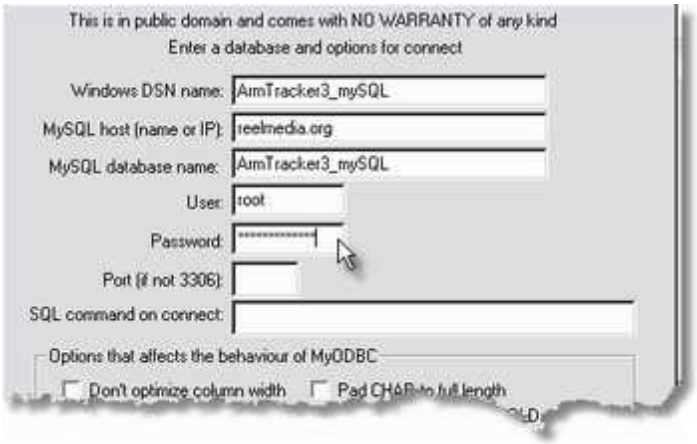
After pressing the GO button to run the query, the database will be filled with the appropriate tables.

Step 2:

Download and install the appropriate MySQL ODBC drivers for Windows.
Then in your Control Panel, open the ODB Data Source Administrator and set up a MySQL ODBC connection.



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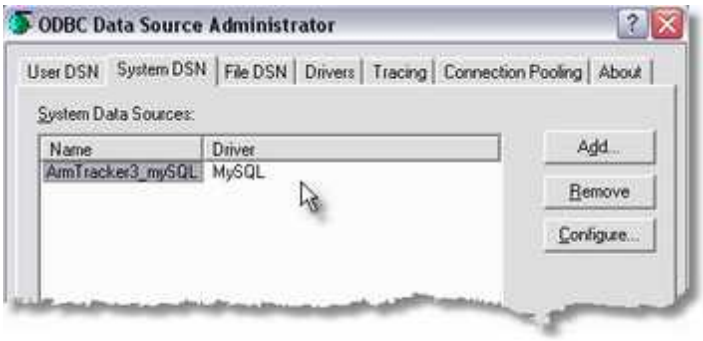

Step 3:

If you wish to transfer existing data from your MDB database to your MySQL database, start ArmTracker and make sure you are currently viewing the database you wish to transfer. Then close ArmTracker.

Step 4:

Locate the **ArmTracker.ini** file in the **ArmTracker** main folder.

Under **Settings**, change DBType=0 to DBType=1

0 = MDB Access Database
1 = MySQL Database

Also enter the appropriate User/Password.

[Settings]
DBType=1
DBUser=root
DBPass=password

If you start ArmTracker, you should now connect to the new MySQL database.

Step 5:

To transfer data from the last accessed MDB database, run the file **MDB2SQL.exe** located in the

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ArmTracker3\MySQL folder.

ArmTracker can only access a single MySQL database and can only transfer data to the MySQL database from a single MDB database.

Note: No technical support is provided for ArmTracker databases running under MySQL.

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Part VI

6 History

6.1 What's New

Version 3.82.00
- Recompiled with latest CodeGen.DLL
- Notice is displayed while Window is Updated with Customer Info
- Added Online Update Checking
- Optimized code for better performance

Version 3.80.11
- Fixed bug that causes crash with Validate Key

Version 3.80.10
- Recompiled to fix some display issues
- Now using latest CodeGen.DLL (version 9)

Version 3.80.06
- Enhanced Search function to allow for locating/highlighting search results in Customer Database
- Added Cancel button when sending Registration Email
- Enlarged font for displaying User/Registration Key

Version 3.80.05
- Added ability to specify PORT in Settings.
- Last Email Template used is remembered each time ArmTracker is started.
- Fixed incorrect #Copies# value when sending multiple email to Registered Users.

Version 3.80.01
- Force User to enter number of Keys to Create unless default is specified in Settings.
- Added #Copies# macro to Registered Users
- Added hotkeys CTRL-K to create key and CTRL-E to send email
- Modified "Reply-To" email header to prevent some mail servers from bouncing email
- Fixed problem with large number of Extra Bits not being created properly in Key

Version 3.80.00
- Email is now sent using 8bit iso-8859 instead of 7bit ANSI allowing for extended characters
- Single Right Click on Customer Data copies data to input fields allowing easy duplication with minor changes
- Displays error message when Digital River template is trying to be imported
- Displays error message when send email error is encountered

Version 3.79.00
- Added support for String in Key (Armadillo 4.20+) using fixed CodeGen.dll

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Version 3.78.04

- ArmTracker Email now supports User/Password login
- Attachments can now be imbedded in ArmTracker Email (both Email Templates and Mailing List Templates)
- ArmTracker Email can be sent as HTML Mail
- Added ability to override reply-to address
- Added #Company# macro to Registered Users
- Added #Certificate# macro to Registered Users
- Column widths on various panels are customizable and saved on exit

Version 3.78.02

- Notes can be added to Customers through the Customer Database screen using double left click
- Number of Keys to create per Customer can now be specified
- Register To "Other" field defaults to Company/Name when selected
- Last used "Register To" and "Notify" settings are now saved in INI file
- Entire message body is saved in "Sent Items" folder when using MAPI

Version 3.78.01

- Added additional Paste key (F7) in Clipboard Importer
- Custom Text for Bits is now included when Importing Certificates

Version 3.78.00

- Last used Sort order is now saved for each list
- Fixed bug that could cause Search function to crash

Version 3.77.00

- Added new CodeGen to support Armadillo 3.77 release
- Fixed problem with wrong product being used when hardware fingerprint entered then new product is selected right away
- Fixed spelling mistake in titlebar when mySQL database is used

Version 3.75.00

- New CodeGen included to support Armadilo 3.75 release

Version 3.70.05

- Added #Key# macro to Create Key macro list
- Added #Insert# macro to Registered Users and Mailing List
- Fixed linewrap in Notes box

Version 3.70.03

- Added EmailPriority command to templates

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Version 3.70.02

- Fixed problem with searching for Email1
- Fixed problem with new customer overwriting existing data

Version 3.70.00

- Added ability to Validate Keys
- Added ability to search Customer Database
- Changed database format slightly for future enhancements
- Added support for MySQL database
- Added menubar icons to make selecting options visually easier
- Updated CodeGen to 3.70a

Version 3.61.05

- New Help File and Printable Manual
- Added "Most Recent File" list
- Added Preview & Print buttons to Report Window
- ArmTracker holds selected information as you move through various screens
- Copies of sent emails are now stored in "Sent Items" folder
- Added database Search function to Main Interface
- ArmTracker has it's own domain name http://www.armtracker.com

Version 3.61.00

- Added support for new Armadillo 3.61 features
- Added check for invalid characters in Hardware Key

Version 3.50.02

- Added ability to manually change key after key has been created. (Ctrl+M on Registered Users Screen)
- Added ability to create FixClock Keys (Main MenuBar under Edit)
- Minor tweeks and bug fixes

Version 3.40.08

- Fixed a problem with string overflow when encrypting certificates
- Fixed import certificate routine to read .ARM files containing extended characters

Version 3.40.05

- Password for Product/Certificates page is now encrypted
- Certificate Templates in the database can now be encrypted
- **Warning:** Backup your database before encrypting and write your password down in a safe place. If you lose your password, the encryption can not be reversed.
- Bit information is now displayed along with History Notes

Version 3.40.01

- Adjusted "ExtraBits" field so number can be manually entered as well as using the popup bit selector

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Version 3.40.00

- Updated CodeGen.dll to latest version
- Added color to lists for easier viewing
- Added icons to lists to quickly identify regular customers, customers with notes attached and customers who have been emailed keys
- Added resizable windows for those who wish to view more on their screen

Version 3.30.05

- Fixed a problem with ArmTracker not able to create keys for names containing " ' " (Example: O'leary)

Version 3.30.04

- Fixed Expire By Uses not being recognised when importing certificates
- Updated CodeGen to 3.54 as per Silicon Realms
- Date/Time is now added to Email Header
- Fixed a problem with importing Armadillo V2 certificates that have been up-converted by Armadillo to V3

Version 3.30.03

- About box now shows CodeGen version being used
- Fixed a bug with #Notes# displaying "0" in Registration Emails

Version 3.30.02

- New #Include# macro
- Ability to import ARM project files into ArmTracker Product/Certificate Defaults.

Version 3.30

- Support for the new V3 Short Keys.
- Mailing List notify flag.
- Customers who do not have "Mailing List" checked will not appear in the mailing list panel.
- Field for second Email Address.
- If an address exists in this field, email will be sent to this address as well as the Primary Email Address.
- Special "Type" field.
- You can assign a "Type" to any key that has been generated and use this as an additional sorting option.

Version 3.18

- Customer Mailing Lists
- Custom Email From & Subject headings
- Name of database displayed in TitleBar
- Quick Import of Registration Emails

Version 3.17

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- Handles multiple ArmTracker databases
- Some new database fields
- Lots of tweeks based on user requests

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