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Alcohol Countermeasure Systems Corp.

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How to Use Intertrack Express (ITX)

Version: 1.2

Alcohol Countermeasure Systems Corp.



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Document Owner:	Annie Nokham	Department	Software Dev't
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# 1.3 Revision History Log

Date	Version	Section	Changes Made	Editor
May 15, 2006	1.0		Initial Release	Annie Nokham
August 29, 2006	1.1	1.9	Added new features for parameter settings	Annie Nokham
October 11, 2007	1.2	1.10	Added notes for language	Annie Nokham

### 1.4 Overview

The following document describes on how to use Intertrack Express (ITX). This application is used in Commercial jurisdictions and is intended to download V3 devices and view data logs. The user should be able to perform installs, monitors and deinstall transaction types.

Before installing Intertrack Express, a unique ID number is given to the user. This number is assigned by ACS and cannot be used again on a different computer.

If Intertrack Express is already installed on a computer, you will not be able to install it again. The application must be uninstalled first before beginning another installation.

Requirements:

Unique ID number (assigned by ACS) Password (assigned by ACS)

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### 1.5 How to Create, Edit or delete Customer

a) To create a new customer, click on the blank clipboard located at the top left of the program screen. This screen displays the Vehicle Number, Customer Name, Vehicle Plate, Vehicle Make, Last Service Type performed, Last Service Date programmed and the Next Service Date set in the device.

😾 InterTrack Express	v1.12 - User ID: 77	1133128				
<u>File C</u> ustomer <u>V</u> ehicle	<u>S</u> ervice Se <u>t</u> tings <u>H</u> elp					
Customer: Jane	Doe 🔹					
Vehicle Plate: DOEI	DEER					
Vehicle Make: VOLV	/0					
Vehicle Number マ	Customer	Vehicle Plate	Vehicle Make	Last Service Type	Last Service Date	Next Service Date
10003	Jane Doe	DOEDEER	VOLVO	Monitor	2006-05-09	2006-11-10
COM1: No device connecte	ed					
						<b>—</b>
						Figure 1

A message box should display and allow you to enter in the client's full name.

😾 New Custor	ner			
Customer:				
	Save	Cancel		
			Figure	1.5B
		(B)+		

b) To edit an existing customer, click on the clipboard located next to the 'create new customer' icon at the top left of the program. Clicking on this button will display the same message box (seen in figure 1.5B) and allow you to make the appropriate changes.

c) To delete a customer, click on the blank clipboard that is marked with an 'X' . A message box will appear to confirm your deletion. See figure 1.5C. You cannot delete a customer if transactions have already been done in the program.

🔣 Delete Cust	omer			
Customer: Jo	ohn Doe			
Delete this cu	istomer?			
	Yes	No		
,			Figure '	1.5



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### 1.6 How to Create, Edit or Delete Vehicle

a) To create a new vehicle, click on the blue vehicle icon as seen in figure 1.6A located at the top of the program screen.

InterTrack Express	v1.12 - User ID: 77	1133128				
Eile ⊆ustomer ⊻ehicle	Service Settings Help					
	<u> </u>					
Customer: John	Crèate new vehicle Doe					
Vehicle Plate: 1234	56					
Vehicle Make: VOL	/0					
Vehicle Number 🐱	Customer	Vehicle Plate	Vehicle Make	Last Service Type	Last Service Date	Next Service Date
10005	John Doe	123456	VOLVO			

A message box should display and allow you to enter in the vehicle details.

New Vehicle	
Vehicle Number: 10009	÷
Customer: John Doe	-
Configuration: No change	-
Vehicle Plate:	
Vehicle Make:	
Save Cance	
	Figure

b) To edit an existing vehicle, click on the icon list located at the top left of the program. This will then display the same message box (seen in figure 1.6B) and allow you to make the appropriate changes.

c) To delete a vehicle, click on the blank clipboard that is marked with an 'X' A message box will appear to confirm your deletion. See figure 1.6C. You cannot delete a vehicle if transactions have already been done in the program.

Delete Vehicle
Vehicle Number: 10008
Customer: Janet Doe
Configuration: No change
Vehicle Plate: 123456
Vehicle Make: VOLVO
Delete this vehicle?
Yes No

Figure 1.6C

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## 1.7 How to Create Transactions

Before you can perform any type of transaction, a client and vehicle needs to be created.

a) Install Transaction

ACS

Once the install procedure has been completed on the V3, you can click on the install interlock icon located at the top of the program screen. This icon is only enabled when there is a V3 device connected to the computer, otherwise, it will be disabled.

A calendar should display, allowing you to select the next service date in the V3. The calendar date should default to 6 months in advance. See figure 1.7A. The next service date cannot exceed the calibration date or else an error will appear on the calendar screen.

Click on "Next..." to start programming the device.



Figure 1.7A

The following two diagrams displays the process of an install transaction.



Click on the "Close" button in figure 1.7C to continue with other functions.

The V3 device should display "SERVICE OK" when the device is set.



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#### b) Monitor Transaction

Once the monitor procedure has been completed on the V3, you can click on the monitor interlock icon located at the top of the program screen. This icon is only enabled when there is a V3 device connected to the computer, otherwise, it will be disabled.

The process for downloading the monitor transaction will be the same as in figures 1.7B and 1.7C.

#### b) Deinstall Transaction

Once the deinstall procedure has been completed on the V3, you can click on the deinstall interlock icon located at the top of the program screen. This icon is only enabled when there is a V3 device connected to the computer, otherwise, it will be disabled.

The process for downloading the deinstall transaction will be the same as in figures 1.7B and 1.7C but the deinstall transaction will also clear the vehicle information in the device. See figure 1.7D.



#### c) Related Icons

When the V3 is connected, you can click on the following icons to retrieve the information from the device:



i) View Connected Event Log IIII, displays the entire event log that is currently in the device. This icon will not be enabled if the interlock is not installed.



ii) Located Connected Vehicle , displays the customer that is currently programmed in the device. This icon will not be enabled if the interlock is not installed.





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## 1.8 Event Related Functions

a) View Service History



Clicking on this icon will display all the service types that have been performed for a particular customer. The top right of the screen displays the program to date information (total fails, passes, warns etc for the program). This function displays the Work Order Number, Service Type, Service Date, Odometer (still inprogress), Pass, Warn and Fail. You can also double click on a particular service type to view its details.

jle <u>C</u> ustomer <u>V</u> e	shicle Service Settings Help	1111100120				
+ 0 1	<u> </u>		< D D //			
Customer:	Jane Doe	Totals -	Days: 186 BAC	tests: 8 Pass:	5 Warn: 0	Fail: 3 High BAC:
Vahiala Dista	DOEDEED	Program to Date	Plays about 4	Hum about 0	Farananan aranidar 🗌 🗍	0 Chant vieletien: 0
venicie mate.	DOEDEER		DIOW ADUR. 4	Hum abon. 0	Emergency overnue.	U Start violation. U
Vehicle Make:	VOLVO		Extended missed ret	est: 0 Extende	ed failed retest: 0 P	ower on/off: 4
Work Order 🐱	Service Type	Service Date	Odometer	Pass	Warn	Fail
100007	Install	2006-05-09	000000			
100008	Monitor	2006-05-09	000000	3		
100009	Monitor	2006-05-09	000000	2		3
100010	Monitor	2006-05-09	000000			
100011	Monitor	2006-11-09	000000			
100012	Monitor	2006-05-09	000000			
100013	Monitor	2006-05-09	000000			
100014	Monitor	2006-05-09	000000			
100019	Install	2006-05-15	000000			
100020	Deinstall	2006-05-15	000000			
	extent as installed					
erial: 0000454 Tob	P2 FEB 1 FEB 10 SL/90 SU					

b) View Service Event Log

Clicking on this icon will allow you to display the event log details or the event log highlights for a particular service type (see figures 1.8C and 1.8D for more details). The service event log details are also displayed at the top right of the screen (total fails, passes etc for a particular service type).

🔣 InterTrack Expre	ess v1.12 - User ID: 77	/1133128
Eile ⊆ustomer ⊻ehicle	a Service Settings Help	
		Manta D D S
Customer: Jar	ne Doe	Totals - Days: 2 BAC tests: 3 Pass: 3 Warn: 0 Fail: 0 High BAC:
Vehicle Plate: DC	EDEER	Service Livent Log Blow abort: 3 Hum abort: 0 Emergency override: 0 Start violation: 0
Vehicle Make: VC	)LVO	Extended missed retest: 0 Extended failed retest: 0 Power on/off. 3
Record 🛩	Time	Event
1	2006-05-09 09:33:12	Device Identification: 0000001
2	2006-05-09 09:33:33	Device Identification: 0000497
3	2006-05-09 09:33:58	Exit Service Mode
4	2006-05-09 09:34:27	Standing Pass BAC 0.01 g/L
5	2006-05-09 09:34:28	Starter Relay On
6	2006-05-09 09:34:34	Ignition On
7	2006-05-09 09:34:34	Enter Run State
8	2006-05-09 09:34:35	Motor Running
9	2006-05-09 09:34:43	Ignition Off
10	2006-05-09 09:34:44	Motor Off
11	2006-05-09 09:34:45	Ignition On
12	2006-05-09 09:34:45	Ignition Off
13	2006-05-09 09:34:45	Motor Running
14	2006-05-09 09:34:46	Motor Off
15	2006-05-09 09:34:48	Starter Relay Off
16	2006-05-09 09:34:48	Exit Run State
17	2006-05-09 09:34:50	Ignition On
18	2006-05-09 09:34:52	Ignition Off
19	2006-05-09 09:34:55	Blow Harder Abort
20	2006-05-09 09:34:58	Ignition On
21	2006-05-09 09:34:59	Ignition Off
22	2006-05-09 09:35:03	Blow Harder Abort
22 5erial: 0000454 Interlor	2006-05-09 09:35:03 2006-05-09 09:35:03	Blow Harder Abort



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Figure 1.8B



To view the event log details, you must click on the 'View Service Event Log' icon as described in b). The event logs display the Record event, Time of event and related event for a particular service type. See figure 1.8B for reference.

You can also export the events to any document type (i.e., text, word, excel). From the file menu, go to "File  $\rightarrow$  Export" and select the folder where you wish to save the file.

This screen will also allow you to print out the events.

d) Event Log Highlights



This displays only the highlighted events for a particular service type. To view the event log highlights, click on the 'View Service Event Log' icon and then the 'Event Log Highlight button'. You can go back to the 'Event Log Details' by clicking on the icon again. See figure 1.8C to see an example of a highlight event screen.

You can also export the events to any document type.

This screen will allow you to print out the events.

Eile ⊆ustomer ⊻ehicle ;	jervice Settings Help	
Customer: Jane Vehicle Plate: DOEI	Doe	Totals -         Days:         1         BAC tests:         5         Pass:         2         Warn:         0         Fail:         3         High BAC:           Service Event Log         Blow abort:         1         Hum abort:         0         Emergency override:         0         Start violation:         0
Vehicle Make: VOLV	0	Extended missed retest: 0 Extended failed retest: 0 Power on/off: 0
Record 🛩	Time	Event
38 41	2006-05-09 10.28:04 2006-05-09 10.28:55	Standing Fail BAC 0.21 g/L Standing Fail BAC 0.21 g/L
Serial: 0000454 Interlock n	ot installed	

Figure 1.8C



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## **1.9 Configure Parameter Settings**

The configuration menu will allow you to assign specific parameter settings for each vehicle. From the file menu, go to Configuration  $\rightarrow$  Create New Configuration. See figure 1.9A.

🔣 InterTrack Exp	ress v1.13x1 - Us	er ID: 721833988	3				
File Customer Conf	iguration Vehicle Ser	vice Settings Help					
	reate new configuration.		C <b>t</b> < 🗈 🛽				
Customer: Jane	Doe 💌	ç					
Vehicle Plate: DOEI	DEER						
Vehicle Make: VOLV	/0						
Vehicle Number	Customer	Vehicle Plate	Vehicle Make 🐱	Last Service Type	Last Service Date	Next Service Date	Configuration
10003	Jane Doe	DOEDEER	VOLVO	Deinstall	2006-05-15		No change
COM1: No device con	perted						
1					J		



You can then assign any name for the configuration. For example, in figure 1.9B, the configuration shows "Stall3min\_LowPressur" as being the name, Stall Protect is set to "3 minutes" and Blow Pressure is "Lowered". This configuration will then be stored under the file menu in case another vehicle wants to be configured the same way.

New Configuration
Name: Stall3min_LowPressur
Start Car Time (Minutes): 10 🛫
Stall Protect Time (Minutes): 3
Time Until 1st Retest (Minutes): 10 📫
1st Retest Range (Minutes): 1 🐥
Time Until 2nd Retest (Minutes): 10 📫
2nd Retest Range (Minutes): 1 🐥
Hum: Off
Retest Hum: Off
Blow Pressure: Lower
Save Cancel

Edit Vehicle
Vehicle Number: 10003
Customer: Jane Doe
Configuration: No change
Vehicle Plate: No change Stall3min_LowPressur
Vehicle Make: VOLVO
Save Cancel



Figure 1.9C

To set the device, you will need to edit the program and choose the configuration you want under Configuration. See figure 1.9C for reference.

You cannot delete a configuration if it's currently being used in a client's program. Otherwise, you can delete it if it's not being used in a program.



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### **1.10 Other Functionalities**

a) Language

ITX is available in 3 different languages:

English Swedish Finnish

To switch to a different language, go to the settings menu  $\rightarrow$  Language  $\rightarrow$  Select language



You can always click on the back arrow button to go back one screen. This can take you back to the client's last service date and service type performed on the device.

c) Change Font Size for Printing

You can change the font size of the log before printing out the events. From the file menu, go to Settings  $\rightarrow$  Print Font Size (Small, Medium or Large fonts). See figure 1.9A for reference.

d) Program Expiry Date

The program will expire after a year of the installation date. This section also displays the version number and your User ID.

From the file menu, go to Help  $\rightarrow$  About

About InterTrack Express			
InterTrack Express			
Version 1.13x1			
User ID: 721833988			
Program will expire after: 2007-06-12			
OK			

Figure 1.10A



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### e) Lock Display

The program will put itself in lock mode after 5 minutes of no user activity. At the lock screen, you can enter in the password or quit the program. You can also manually lock the program from the File menu. Go to File  $\rightarrow$  Lock Display...

🔣 InterTrack	Express - Enter	Password		
Password::				
	ок	Quit		
			Figure 1	.10B

#### f) Password

The application will allow you to set 2 levels of passwords:

- i) Administrative Password: Has full access to all options available in ITX.
- ii) User Password: Has limited options but is able to perform the activities to service clients.