Repairing a Corrupted Access Database

Symptom

When launching GigaTrak software, you may receive an error message similar to the following:

A STS Error Ver. 3.10.2 (ACCESS)					
A Program Error	frmMain MDIForm_Load	Print OK			
Error Message:		Cust Ident: Lic Users	s: 0		
Error #-536544438 - Unrecognized da	atabase format 'C:\Data\Da	tabase\WIN-STS\winsts.mdb'.	*		
Last SQL Command:			*		
			*		

This indicates a corrupt Access database. The GigaTrak application is unable to repair the database, and is unable to continue.

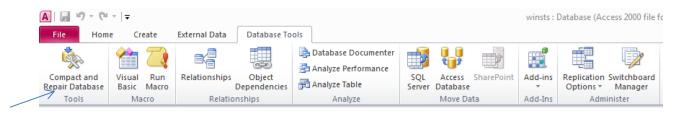
Resolution

To resolve this, use one of the following three methods.

- 1. Restore a backup of the database prior to the corruption. As always, backups are important, especially when using an Access database in a multi-user environment. The software does not automatically backup the database; this is something you must have planned for and implemented independently.
- 2. If available, use Microsoft Access (2000 or more recent) to repair the database. Often, simply opening the database in Access will detect and repair problems. Enter the database password (see chart below), and you may be presented with a prompt, such as:

Microsoft Acc	ess		
	rosoft Access has detected that this database is in an inconsistent state, and will attempt to recover the database. During this process, a backup copy of the database will be made and all recovered ects will be placed in a new database. Access will then open the new database. The names of objects that were not successfully recovered will be logged in the "Recovery Errors" table.		
Microsof	t Access		
1	Microsoft Access has recovered this database. Examine the database to verify that there are no missing database objects.		
	ОК		

If that does not fix it, or the initial message does not show, perform a Compact and Repair Database:



3. Use the Microsoft JetComp utility (free download) to repair the database. The utility is available via one of the links below:

http://support.microsoft.com/kb/273956

http://files.gigatrak.com/jetcomp.zip

Double-click JETCOMP.exe to run the utility. Use the browse button to select the corrupt database (Source).

Copy and paste and/or type in the full path and file name of the database to compact into (Destination). *Note:* Do not use the browse button here; it appears to not work unless a destination database already exists. See the following screenshot:

🔳 Database Compact Utility 4.0				
Tools Help				
Database to Compact From (Source):				
C:\GigaTrak\Stores Tracking System\winsts.mdb			Compact	
Database to Compact Into (Destination):				
C:\GigaTrak\Stores Tracking System\winsts_repaired.mdt Exit			Exit	
Database Locale:Additional Compact Options				
None - Use current language 🗾 🔽 Encrypt Destination Database				
	Use data		ale when copying data	
			database format	
	C Destinat	tion is 3.x (database format	
Ready.				

Click Compact. Enter the database password (see chart below). Exit the utility when complete.

Browse to the folder containing the database files, and rename the old database (winsts.mdb) to another name, such as (winsts_corrupt.mdb).

Finally, rename the new database (winsts_repaired.mdb) back to (winsts.mdb).

Access Database Passwords

GigaTrak Application	Password
Asset Tracking System	beligerant
Stores Tracking System	grump
Tool Tracking System	gigatools