



District Level Transportation

Release 9.1



*"Knowledge is of two kinds. We know a subject ourselves, or we know where we can find information upon it."
~ Boswell ~*

Version Control

Release #	Revision #	Revision Date	Author or Editor	Summary of Changes
Release 9.1	Release 9.1	Nov, 2007	Anitha Kumar	Updated with no changes for 9.1. Converted to new format.

Document Approval

Reviewed By

Name	Position	Summary of Changes

Approved By

Name	Title	Signature	Date
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Table of Contents

Version Control	2
Table of Contents	3
Introduction	4
Conversion Procedures	4
Managing existing Bus Driver information on eSIS.....	4
CON_SCR1.FMX Conversion Screen 1	5
Managing existing Bus List information on eSIS.....	5
CON_SCR2.FMX Conversion Screen 2	6
Managing existing Bus Route information on eSIS.....	6
CON_SCR3.FMX Conversion Screen 3	7
SYS511.FMX Bus Drivers	8
SYS512.FMX Bus List	9
SYS513.FMX Bus Routes	10
SYS514.FMX School Bus Routes	11
Managing existing School Bus Route information on eSIS.....	11
SYS515.FMX Bus Route Students.....	12
SYS519.FMX Students on Bus	13
SYS518.FMX Maintain Bus Garage Locations	14
Managing existing Garage Locations information on eSIS	14
STU108.FMX Student Transportation/Vehicles	15
Managing existing Student Transportation Vehicles information on eSIS	15
ATT055.FMX Daily Attendance - Bus Entry	16
ATT155.FMX Period Attendance - Bus Entry.....	16
STU640.FMX Query Buses	16

Introduction

This document describes how to secure transportation information at a district level. Individual districts can store unique information for transportation information. Districts located in the same database are restricted from viewing/updating/deleting data from other districts.

eSIS allows:

- Bus Driver information to be viewed, created and managed at a district level.
- Bus information to be viewed, created and managed at a district level.
- Bus Route information to be viewed, created and managed at a district level.
- School's Bus Route information to be viewed, created and managed at a district level.
- Bus Route Student's List to be filtered to bus routes and students at a district level.
- Students on Bus to be filtered to buses and students at a district level.
- Garage Locations to be viewed, created and managed at a district level.
- Student Transportation information to be viewed, created and managed at a district level.
- Daily and Period Attendance – Bus Entry to be filtered at a district level.
- System must properly extract Bus data in EXP010 based on new security.

Conversion Procedures

There are three conversion screens which can only be accessed by a superuser. These screens are accessed through Navigation Maintenance. These conversions prepare eSIS Transportation functionality to use the District Level functions.

Managing existing Bus Driver information on eSIS

To associate existing bus drivers created in eSIS to specific districts use the conversion screen with Bus Driver Name, ID, Gender and District to associate current Bus Drivers to a district. All Bus Drivers MUST be associated to a district.

SYS511.FMX Bus Drivers

Path: Administration > Transportation > Bus Drivers

Use this form to enter Bus Driver information.

The screenshot shows a software window titled "Bus Drivers" for the "West Geauga Local School District". It displays a list of bus drivers with the following data:

ID	Name	S.S.N.	Phone	Ethnicity	Gender	Address
100	Allen Benko	667-87-7549		American India...	Male	123 Fourth Ave Warrensville
1141	Mr. Jones	154-14-1254	(555)451-2563	White	Male	
1142	Mr. Buster Brown	155-14-1254	(999)999-9999	West Indian	Male	
1234	Jones	123-45-6789	(123)456-7890	White	Male	
150	Jane Downy	987-65-4000	(818)456-7890	White (not Hisp...	Female	32 testville Ave. Testtown

At the bottom of the window, there are buttons for "Driver Details", "ADD", "DEL", and several icons for navigation and printing.

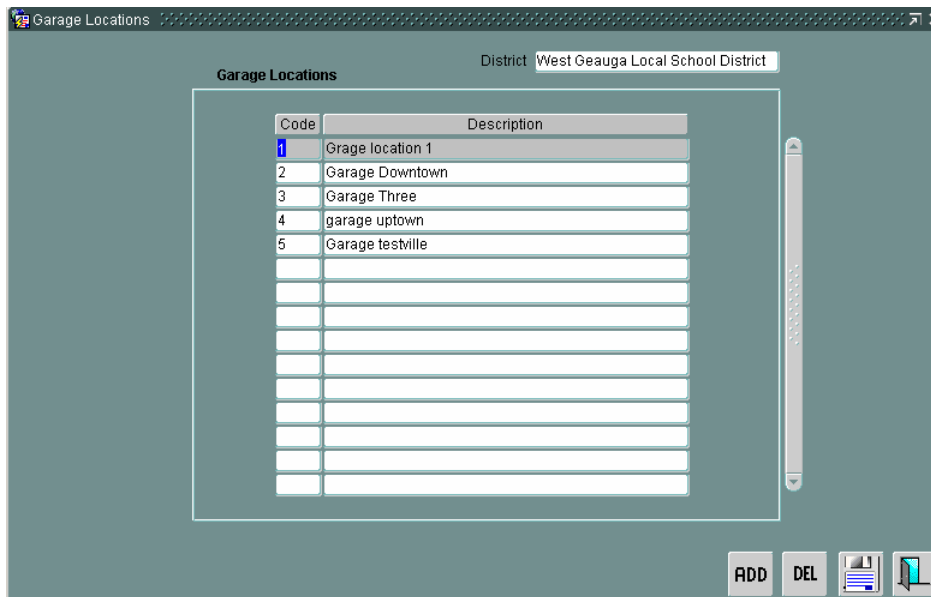
1. Access Bus Drivers (SYS511). A District field defaults to the current district and is display only. A user can only view, modify, add or delete bus driver information within districts that the user is authorized for.
2. Perform a query. System returns on Bus Drivers that are valid for the current district in use.
3. Add, modify or delete a bus driver. The changes are saved for the current district.

SYS518.FMX Maintain Bus Garage Locations

Access Garage Locations Default to current district in use. The district field is display only. User can only view garage locations that are valid for the current district in use.

Managing existing Garage Locations information on eSIS

A conversion script creates a copy of each Garage Location existing in eSIS to all districts. A user may then go into Garage Locations by district and remove the unnecessary copies.



STU108.FMX Student Transportation/Vehicles

The Transportation Vehicle screen (stu108) is influenced by what is set in the company options. If the Validate Bus Routes option on the School tab is set to "Yes", then you can only choose a valid bus route. The LOV beside the bus route field displays only valid bus routes. After a valid bus route has been entered, when the LOV beside the bus field is pressed, only those buses associated with the bus route selected will display. You cannot leave the screen until a valid bus route has been entered. If the Validate Bus Route option on the School tab of the company option is set to "No", then any bus route can be entered on STU108. The LOV beside the bus field will only display busses valid for the district.

1. Access Student Transportation Vehicles (STU108), company option (Validate Bus Routes, Miscellaneous tab) is turned on. User may only associate a bus route that has been created for the current district in use for the student – via a new LOV which will appear to the right of the Route # field.
2. Select a Bus. Bus list is filtered to display ONLY buses that have been associated to the selected route for the district.
3. Access Student Transportation Vehicles (STU108), company option (Validate Bus Routes, Miscellaneous tab) is turned off. enter any bus route.
4. Select a bus. System will filter Bus numbers drop down list to buses only for the current district in use.

Note: A user can only view and select bus routes that are valid for the current district in use if option on company file is turned ON.

Managing existing Student Transportation Vehicles information on eSIS

A script will add the new bus_route_id to the transportation table based on route and school . This script must be run after all other scripts defined in this specification. Exceptions will be reported for students that have a bus route assigned to them that is not valid for the school and district.

ATT055.FMX Daily Attendance - Bus Entry

ATT155.FMX Period Attendance - Bus Entry

1. Access Daily Attendance Bus Entry (ATT055) or Period Attendance Bus Entry. System presents bus attendance entry for current school in use.
2. Perform a query. System restricts access to any bus routes that are not valid for the current district in use.

STU640.FMX Query Buses

1. Access Query Buses.
2. Perform a query. System restricts access to any bus routes and buses that are not valid for the current district in use.

Note: A user can only view and select buses and bus routes that are valid for the current district in use.