

DOT Compliance Software Solution

Data Table Definitions

Revision 3.4.7.33

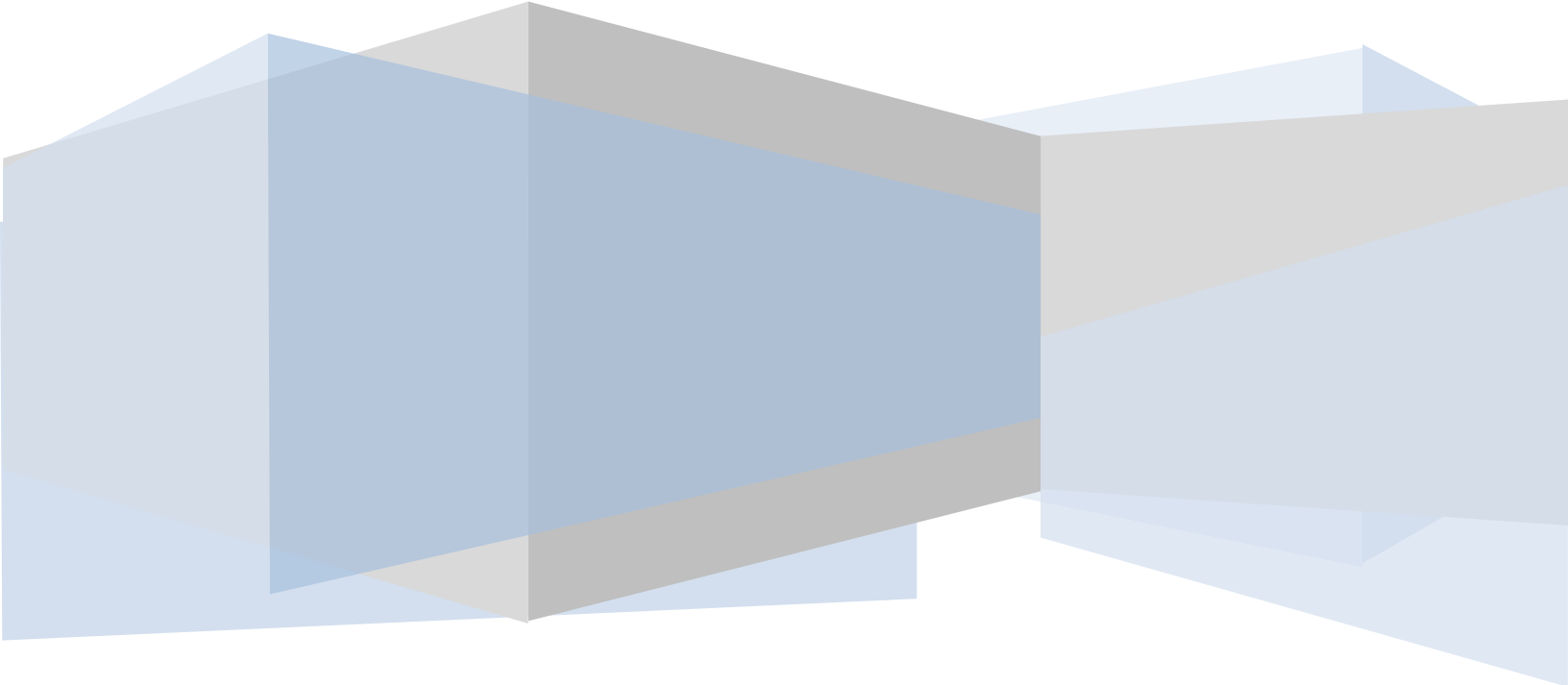


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Appendix A

Data Table Definitions

The following few pages outline the Table Structure, and Data Fields along with the Definitions of each Data Field.

Database Structure (Table Outline)

Database Tables

- Alerts
- Automation
- Company
- Customer
- Driver Activity
- Employee
- Employee Count
- IFTA Adjustments
- IFTA File
- IFTA Report File
- Locations
- Login
- System Log
- Vehicles

Appendix A

Data Table Definitions continued

Alerts Table – This table holds data relevant to the system alerting.

ID Field	Name	Data Type	Length	Unsigned	Allow Null
1	Id	Integer	7		
2	Event_date	Date			
3	Emp_id	Integer	6		
4	Name	Varchar	50		
5	Alert_type	Varchar	20		
6	Details	Varchar	250		
7	Action	Varchar	250		
8	Close	Integer	1		
9	Company_ID	Integer	6		
10	Location_ID	Integer	6		

Automation Table – Dates the automation has run for each of the automation items.

ID Field	Name	Data Type	Length	Unsigned	Allow Null
1	Messages	Varchar	30		
2	Driver Activity	Varchar	30		
3	Dashboard	Varchar	30		
4	IFTA Tax Rates	Varchar	30		

Appendix A

Data Table Definitions continued

Company Table – This table holds data relevant to the Resellers and Clients.

ID Field	Name	Data Type	Length	Unsigned	Allow Null
1	ID	Integer	10		
2	Name	Varchar	50		
3	Address	Varchar	100		
4	Address 2	Varchar	50		
5	Country	Varchar	25		
6	City	Varchar	50		
7	State	Varchar	50		
8	Zip Code	Varchar	15		
9	Contact	Varchar	50		
10	Phone	Varchar	15		
11	Fax	Varchar	15		
12	Email Add	Varchar	50		
13	Status	Varchar	8		
14	DOT Number	Varchar	10		
15	Website	Varchar	70		
16	DOT	Integer	1		
17	Exp Dates	Integer	1		
18	MVR	Integer	1		
19	DA	Integer	1		
20	DQ	Integer	1		
21	VM	Integer	1		
22	PM	Integer	1		
23	WO	Integer	1		
24	IFTA	Integer	1		
25	IFTA No.	Varchar	25		
26	IFTA Expire	Date			
27	ELD	Integer	1		
28	Tax	Decimal	5,2		
29	MInput	Varchar	25		
30	FInput	Varchar	25		
31	DFormat	Varchar	25		
32	FFormat	Varchar	25		
33	DDays	Integer	3		
34	VDays	Integer	3		
35	VMiles	Integer	4		
36	VHours	Integer	3		

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Data Table Definitions continued

Company Table – continued

ID Field	Name	Data Type	Length	Unsigned	Allow Null
37	Contact Date	Date			
38	Demo Date	Date			
39	Trial End	Date			
40	Date Closed	Date			
41	Contract No.	Varchar	10		
42	SDate	Date			
43	EDate	Date			
44	DOT Cost	Decimal	5,2		
45	VM Cost	Decimal	5,2		
46	IFTA Cost	Decimal	5,2		
47	ELD Cost	Decimal	5,2		
48	Acct ID	Varchar	25		
49	MUName	Varchar	25		
50	MPWD	Varchar	15		
51	NPWD	Varchar	15		
52	MCDate	Date			
53	CDB	Varchar	35		
54	CUID	Varchar	35		
55	CPW	Varchar	35		
56	DPCT	Decimal	6,2		
57	DAPCT	Decimal	6,2		
58	Billing Type	Varchar	25		
59	APIKey	Varchar	50		
60	Client Type	Varchar	25		
61	TimeZone	Varchar	25		
62	PerUnit	Decimal	5,2		
63	G_API	Varchar	100		

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Data Table Definitions continued

Customer Table – This table holds data relevant to the Motor Carrier Customers

ID Field	Name	Data Type	Length	Unsigned	Allow Null
1	ID	Integer	6		
2	Customer ID	Integer	7		
3	Company ID	Integer	6		
4	Location ID	Integer	6		
5	CName	Varchar	50		
6	Status	Varchar	10		
7	Client Type	Varchar	10		
8	Commodity	Varchar	350		
9	Country	Varchar	5		
10	Address	Varchar	50		
11	Address 2	Varchar	50		
12	City	Varchar	30		
13	State	Varchar	30		
14	Zip Code	Varchar	15		
15	Contact	Varchar	30		
16	Phone	Varchar	16		
17	Email Add	Varchar	50		
18	Notes	Varchar	100		

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Data Table Definitions continued

Driver Activity Table – This table holds Driver Duty Status Change Detail

ID Field	Name	Data Type	Length	Unsigned	Allow Null
1	ELD No	Varchar	25		
2	APP_Version	Varchar	10		
3	Time_Stamp	Varchar	25		
4	Driver	Varchar	50		
5	Co_Driver	Varchar	50		
6	Tractor No.	Varchar	25		
7	Tractor Vin	Varchar	25		
8	Trailer No.	Varchar	25		
9	Engine Hrs.	Integer	10		
10	Odometer	Integer	10		
11	City	Varchar	50		
12	State	Varchar	50		
13	Latitude	Varchar	15		
14	Longitude	Varchar	15		
15	New DS	Varchar	10		
16	OldDS	Varchar	10		

Appendix A

Data Table Definitions continued

Employee Table – This table holds Employee (Driver and Non-Driver) Detail

ID Field	Name	Data Type	Length	Unsigned	Allow Null
1	ID	Integer	6		
2	Last Name	Varchar	25		
3	MI	Varchar	1		
4	First Name	Varchar	25		
5	DOB	Date			
6	SSN	Varchar	11		
7	Hire Date	Date			
8	Status	Varchar	8		
9	Driver	Integer	1		
10	HOS Name	Varchar	50		
11	Mechanic	Integer	1		
12	Email	Varchar	50		
13	Cell	Varchar	15		
14	Carrier	Varchar	50		
15	Address	Varchar	100		
16	Address 2	Varchar	50		
17	Country	Varchar	25		
18	City	Varchar	50		
19	State	Varchar	50		
20	Zip	Varchar	15		
21	Location ID	Integer	6		
22	Company ID	Integer	6		
23	aType	Varchar	25		
24	eAlerts	Integer	1		
25	tAlerts	Integer	1		
26	Emp ID	Integer	6		
27	Tracked	Integer	1		
28	Trip Admin	Varchar	50		
29	Drug Cons	Integer	1		
30	Fuel Card	Varchar	30		
31	Terminated	Integer	1		
32	Term Reason	Varchar	25		
33	Term Date	Date			
34	Notes	Varchar	250		

Appendix A

Data Table Definitions continued

Employee Count Table – This table holds Number of Employees each client has.

ID Field	Name	Data Type	Length	Unsigned	Allow Null
1	Company ID	Integer	6		
2	Location ID	Integer	6		
3	Employee No	Integer	6		

IFTA Adjust Table – This table holds Company State IFTA Adjustments Made (Fuel & Mileage)

ID Field	Name	Data Type	Length	Unsigned	Allow Null
1	Quarter/Yr	Varchar	6		
2	Company ID	Integer	6		
3	Location ID	Integer	6		
4	State	Varchar	50		
5	Fuel Type	Varchar	50		
6	Tax Pct	Decimal	7,4		
7	Surcharge Pct	Decimal	7,4		
8	Miles	Decimal	9,2		
9	Gallons	Decimal	9,2		
10	Vehicle	Varchar	25		

IFTA File Table – This table holds the Quarter / Year of latest IFTA Fuel Tax Download

ID Field	Name	Data Type	Length	Unsigned	Allow Null
1	Quarter/Yr	Varchar	6		

Appendix A

Data Table Definitions continued

IFTA Report – This table holds IFTA Fuel Tax Report Detail

ID Field	Name	Data Type	Length	Unsigned	Allow Null
1	Quarter / Yr	Varchar	6		
2	Company ID	Integer	6		
3	Location ID	Integer	6		
4	State	Varchar	50		
5	Fuel Type	Varchar	50		
6	Tax Pct	Decimal	7,4		
7	Miles	Decimal	9,2		
8	Gallons	Decimal	9,2		

Locations Table – This table holds Client Location Detail

ID Field	Name	Data Type	Length	Unsigned	Allow Null
1	ID	Integer	6		
2	Location Name	Varchar	50		
3	Status	Varchar	8		
4	Country	Varchar	25		
5	Address	Varchar	100		
6	Address 2	Varchar	50		
7	City	Varchar	50		
8	State	Varchar	50		
9	Zip Code	Varchar	15		
10	Contact Name	Varchar	50		
11	Email	Varchar	50		
12	Phone	Varchar	15		
13	Fax	Varchar	15		
14	Cell	Varchar	15		
15	Company ID	Integer	6		

Appendix A

Data Table Definitions continued

Login Table – This table holds Employee Login and Permission Detail

ID Field	Name	Data Type	Length	Unsigned	Allow Null
1	ID	Integer	6		
2	Login ID	Varchar	35		
3	Password	Varchar	25		
4	Company ID	Integer	6		
5	Status	Varchar	8		
6	First Name	Varchar	25		
7	Last Name	Varchar	30		
8	Middle Name	Varchar	1		
9	Email Add	Varchar	50		
10	Location ID	Integer	6		
11	Setup	Integer	1		
12	DOT	Integer	1		
13	Veh	Integer	1		
14	IFTA	Integer	1		
15	Admin	Integer	1		
16	DC	Integer	1		
17	Add Records	Integer	1		
18	Edit Recs	Integer	1		
19	Delete Recs	Integer	1		
20	View Recs	Integer	1		
21	Alerts	Integer	1		

System Log Table – This table holds Global Messaging Data.

ID Field	Name	Data Type	Length	Unsigned	Allow Null
1	Msg	Varchar	250		
2	Msg Date	Date			

Appendix A

Data Table Definitions continued

Vehicle Table – This table holds Asset Detail

ID Field	Name	Data Type	Length	Unsigned	Allow Null
1	Vehicle ID	Varchar	50		
2	Year	Integer	4		
3	Make	Varchar	25		
4	Model	Varchar	25		
5	Color	Varchar	15		
6	Serial No (VIN)	Varchar	30		
7	Plate No.	Varchar	10		
8	Vehicle Type	Varchar	25		
9	Status	Varchar	8		
10	Driver 1	Integer	6		
11	Driver 2	Integer	6		
12	Gross Weight	Varchar	10		
13	Length	Varchar	10		
14	Height	Varchar	10		
15	Wheel Base	Varchar	10		
16	Engine Size	Varchar	10		
17	Cylinders	Integer	2		
18	Trans Type	Varchar	15		
19	Fuel Type	Varchar	25		
20	GVWR	Integer	8		
21	Axles	Integer	2		
22	F Tire Size	Varchar	20		
23	F Tire Pressure	Integer	3		
24	Rear Tire Size	Varchar	20		
25	R Tire Pressure	Integer	3		
26	Odometer	Integer	12		
27	Hours	Integer	12		
28	Company ID	Integer	6		
29	Location ID	Integer	6		
30	Date Added	Date			
31	Driver 1 Name	Varchar	70		
32	Driver 2 Name	Varchar	70		
33	Reg State	Varchar	25		