

Cleaning up Alarm Biller data for Import

08/01/2024 10:56 am EDT

When doing a conversion, there are several “rules” that Alarm Biller data needs to follow to have a successful import. The scripts below will clean up most of those data errors:

```
begin tran
```

```
create table errors
```

```
(Error nvarchar(max),
```

```
customernumber nvarchar(max),
```

```
ColumnName nvarchar(max),
```

```
ColumnContent nvarchar(max),)
```

```
insert into errors
```

```
select 'Name too long!', CustomerNumber, 'LastName', LastName
```

```
from aCustomerImport
```

```
where len(lastname) > 50
```

```
insert into errors
```

```
select 'Name too long!', CustomerNumber, 'LastName', FirstName
```

```
from aCustomerImport
```

```
where len(FirstName) > 50
```

```
insert into errors
```

```
select 'Name too long!', CustomerNumber, 'LastName', SiteName
```

```
from aCustomerImport

where len(SiteName) > 50
```

```
insert into errors

select 'Address1 too long!', CustomerNumber, 'LastAddress1', Address1

from aCustomerImport

where len(Address1) > 50
```

```
insert into errors

select 'Address1 too long!', CustomerNumber, 'LastAddress1', SiteAddress1

from aCustomerImport

where len(SiteAddress1) > 50
```

```
update aCustomerImport

set CustomerNumber = left(CustomerNumber, 15)

from aCustomerImport

where len(customernumber) > 15
```

```
update aCustomerImport

set CustomerSInce = '2021-01-01'

where ISNULL(customersince, '') = ''
```

```
update aCustomerImport

set FirstName = ''

where IsBusiness = 'TRUE'
```

```
update aCustomerImport  
  
set FirstName = left(FirstName,50)  
  
where len(firstname) > 50
```

```
update aCustomerImport  
  
set LastName = 'Unknown Name'  
  
Where isnull(lastname,"") = ""
```

```
update aCustomerImport  
  
set Lastname = left(Lastname,50)  
  
where len(Lastname) > 50
```

```
update aCustomerImport  
  
set Address1 = 'Unknown Address'  
  
Where isnull(Address1,"") = ""
```

```
update aCustomerImport  
  
set Address1 = left(Address1,50)  
  
where len(Address1) > 50
```

```
update aCustomerImport  
  
set Address2 = left(Address2,50)  
  
where len(Address2) > 50
```

```
update aCustomerImport  
  
set City = 'Unknown City'
```

```
Where isnull(City,"") = ""
```

```
update aCustomerImport
```

```
set [state] = 'ZZ'
```

```
where ISNULL(state,"") = ""
```

```
update aCustomerImport
```

```
set [state] = left([state], 2)
```

```
where len(state) > 2
```

```
update aCustomerImport
```

```
set zipcode = 99999
```

```
where isnull(zipcode,"") = "" or len(zipcode) < 4
```

```
update aCustomerImport
```

```
set zipcode = left(zipcode, 5)
```

```
where len(zipcode) > 5 and zipcode not like '% %'
```

```
update aCustomerImport
```

```
set zipcode = left(zipcode, 7)
```

```
where len(zipcode) > 7 and zipcode like '% %'
```

```
update aCustomerImport
```

```
set Phone1 = 9999999999
```

```
where isnull(Phone1, "") = ""
```

update aCustomerImport

set Phone1 = REPLACE(phone1,',','')

update aCustomerImport

set Phone1 = REPLACE(phone1,')','')

update aCustomerImport

set Phone1 = REPLACE(phone1,'-','')

update aCustomerImport

set Phone1 = REPLACE(phone1,'a','')

update aCustomerImport

set Phone1 = REPLACE(phone1,'b','')

update aCustomerImport

set Phone1 = REPLACE(phone1,'c','')

update aCustomerImport

set Phone1 = REPLACE(phone1,'d','')

update aCustomerImport

set Phone1 = REPLACE(phone1,'e','')

update aCustomerImport

set Phone1 = REPLACE(phone1,'f','')

update aCustomerImport

set Phone1 = REPLACE(phone1,'g','')

update aCustomerImport

set Phone1 = REPLACE(phone1,'h','')

update aCustomerImport

set Phone1 = REPLACE(phone1,'i','')

update aCustomerImport

set Phone1 = REPLACE(phone1,'j','')

update aCustomerImport

set Phone1 = REPLACE(phone1,'k','')

update aCustomerImport

set Phone1 = REPLACE(phone1,'l','')

update aCustomerImport

set Phone1 = REPLACE(phone1,'m','')

update aCustomerImport

set Phone1 = REPLACE(phone1,'n','')

update aCustomerImport

set Phone1 = REPLACE(phone1,'o','')

update aCustomerImport

set Phone1 = REPLACE(phone1,'p','')

update aCustomerImport

set Phone1 = REPLACE(phone1,'q','')

update aCustomerImport

set Phone1 = REPLACE(phone1,'r','')

update aCustomerImport

set Phone1 = REPLACE(phone1,'s','')

update aCustomerImport

set Phone1 = REPLACE(phone1,'t','')

update aCustomerImport

set Phone1 = REPLACE(phone1,'u','')

update aCustomerImport

set Phone1 = REPLACE(phone1,'v','')

update aCustomerImport

set Phone1 = REPLACE(phone1,'w','')

update aCustomerImport

set Phone1 = REPLACE(phone1,'x','')

update aCustomerImport

set Phone1 = REPLACE(phone1,'y','')

update aCustomerImport

set Phone1 = REPLACE(phone1,'z','')

update aCustomerImport

set Email = REPLACE (email,' ','')

update aCustomerImport

set Email = REPLACE (email,',','')

update aCustomerImport

set Email = REPLACE (email,';','')

update aCustomerImport

set Email = REPLACE (email,'(',')')

update aCustomerImport

set Email = REPLACE (email,',','')

update aCustomerImport

set Email = REPLACE (email,'<','')

update aCustomerImport

set Email = REPLACE (email,'>','')

update aCustomerImport

set Email = REPLACE (email,':','')

update aCustomerImport

set Email = ''

where Email not like '%@[a-z][a-z]'

update aCustomerImport

set Comments = left(commnets,250)

update aCustomerImport

set SiteName = 'Unknown Name'

Where isnull(SiteName,'') = ''

update aCustomerImport

set SiteName = left(SiteName,50)

where len(SiteName) > 50

update aCustomerImport

set SiteAddress1 = 'Unknown Address'

Where isnull(SiteAddress1,'') = ''

```
update aCustomerImport  
  
set SiteAddress1 = left(SiteAddress1,50)  
  
where len(SiteAddress1) > 50
```

```
update aCustomerImport  
  
set SiteAddress2 = left(SiteAddress2,50)  
  
where len(SiteAddress2) > 50
```

```
update aCustomerImport  
  
set SiteCity = 'Unknown SiteCity'  
  
Where isnull(SiteCity, '') = ''
```

```
update aCustomerImport  
  
set [state] = 'ZZ'  
  
where ISNULL(state, '') = ''
```

```
update aCustomerImport  
  
set [state] = left([state], 2)  
  
where len(state) > 2
```

```
update aCustomerImport  
  
set SiteZipcode = 99999  
  
where isnull(SiteZipcode, '') = '' or len(SiteZipcode) < 4
```

```
update aCustomerImport
```

```
set SiteZipcode = left(SiteZipcode, 5)
```

```
where len(SiteZipcode) > 5 and SiteZipcode not like '% %'
```

```
update aCustomerImport
```

```
set SiteZipcode = left(SiteZipcode, 7)
```

```
where len(SiteZipcode) > 7 and SiteZipcode like '% %'
```

```
update aCustomerImport
```

```
set SitePhone1 = 9999999999
```

```
where isnull(SitePhone1, '') = ''
```

```
update aCustomerImport
```

```
set SitePhone1 = REPLACE(SitePhone1, '(', '')
```

```
update aCustomerImport
```

```
set SitePhone1 = REPLACE(SitePhone1, ')', '')
```

```
update aCustomerImport
```

```
set SitePhone1 = REPLACE(SitePhone1, '-', '')
```

```
update aCustomerImport
```

```
set SitePhone1 = REPLACE(SitePhone1, 'a', '')
```

```
update aCustomerImport
```

```
set SitePhone1 = REPLACE(SitePhone1, 'b', '')
```

update aCustomerImport

set SitePhone1 = REPLACE(SitePhone1,'c','')

update aCustomerImport

set SitePhone1 = REPLACE(SitePhone1,'d','')

update aCustomerImport

set SitePhone1 = REPLACE(SitePhone1,'e','')

update aCustomerImport

set SitePhone1 = REPLACE(SitePhone1,'f','')

update aCustomerImport

set SitePhone1 = REPLACE(SitePhone1,'g','')

update aCustomerImport

set SitePhone1 = REPLACE(SitePhone1,'h','')

update aCustomerImport

set SitePhone1 = REPLACE(SitePhone1,'i','')

update aCustomerImport

set SitePhone1 = REPLACE(SitePhone1,'j','')

update aCustomerImport

set SitePhone1 = REPLACE(SitePhone1,'k','')

update aCustomerImport

set SitePhone1 = REPLACE(SitePhone1,'l','')

update aCustomerImport

set SitePhone1 = REPLACE(SitePhone1,'m','')

update aCustomerImport

set SitePhone1 = REPLACE(SitePhone1,'n','')

update aCustomerImport

set SitePhone1 = REPLACE(SitePhone1,'o','')

update aCustomerImport

set SitePhone1 = REPLACE(SitePhone1,'p','')

update aCustomerImport

set SitePhone1 = REPLACE(SitePhone1,'q','')

update aCustomerImport

set SitePhone1 = REPLACE(SitePhone1,'r','')

update aCustomerImport

set SitePhone1 = REPLACE(SitePhone1,'s','')

update aCustomerImport

```
set SitePhone1 = REPLACE(SitePhone1,'t','')
```

```
update aCustomerImport
```

```
set SitePhone1 = REPLACE(SitePhone1,'u','')
```

```
update aCustomerImport
```

```
set SitePhone1 = REPLACE(SitePhone1,'v','')
```

```
update aCustomerImport
```

```
set SitePhone1 = REPLACE(SitePhone1,'w','')
```

```
update aCustomerImport
```

```
set SitePhone1 = REPLACE(SitePhone1,'x','')
```

```
update aCustomerImport
```

```
set SitePhone1 = REPLACE(SitePhone1,'y','')
```

```
update aCustomerImport
```

```
set SitePhone1 = REPLACE(SitePhone1,'z','')
```

```
UPDATE aCustomerImport
```

```
SET SITESINCE = '2021-01-01'
```

```
WHERE ISNULL(SITESINCE,'') = ''
```

```
UPDATE aCustomerImport
```

```
SET SITESALESTAXID = 'Tax Exempt'
```

```
where ISNULL(sitesalestaxid,"") = ""
```

```
update aCustomerImport
```

```
set SITECOMMENTS = left(SITECOMMENTS,250)
```

```
update aCustomerImport
```

```
set SYSTEMNUMBER = 'NONE'
```

```
where isnull(SYSTEMNUMBER,"") = ""
```

```
update aCustomerImport
```

```
set SYSTEMTYPEID = 'N/A'
```

```
where ISNULL(SYSTEMTYPEID,"") = ""
```

```
update aCustomerImport
```

```
set SYSTEMPARTID = 'N/A'
```

```
where isnull(systempartid,"") = ""
```

```
update aCustomerImport
```

```
set SYSTEMWARRANTYLABORID = 'None'
```

```
where isnull(systemwarrantylaborid,"") = ""
```

```
update aCustomerImport
```

```
set SYSTEMWARRANTYPARTID = 'None'
```

```
where isnull(SYSTEMWARRANTYPARTID, "") = ""
```

```
update aCustomerImport
```

set SYSTEMWARRANTYSTARTDATE = '2021-01-01'

where isnull(systemwarrantystartdate, '') = ''

update aCustomerImport

set SYSTEMCOMMENTS = left(systemcomments, 250)

update aCustomerImport

set RMRITEMID = ''

where isnull(RMRDESCRIPTION, '') = '' and isnull(rmrmonthlyamount, '') = '' and isnull(RMRBILLINGCYCLEID, '') = ''

update aCustomerImport

set RMRDESCRIPTION = ''

where isnull(RMRITEMID, '') = '' and isnull(rmrmonthlyamount, '') = '' and isnull(RMRBILLINGCYCLEID, '') = ''

update aCustomerImport

set RMRBILLINGCYCLEID = ''

where isnull(RMRITEMID, '') = '' and isnull(rmrmonthlyamount, '') = '' and isnull(RMRDESCRIPTION, '') = ''

update aCustomerImport

set RMRRECURRINGREASONID = ''

where ISNULL(rmritemid, '') = ''

update aCustomerImport

set RMRMONTHLYAMOUNT = replace(rmrmonthlyamount, '\$', '')

```
select * from errors
```

```
select * from aCustomerImport
```

```
--rollback tran
```

```
--commit tran
```
