# **European Sales File Processing**

## Source Files

### Format

The files should be in the tab-delimited text format containing the following columns: Date, Customer, Country, Catalog Number, Catalog Name, Quantity, Price, Total, Currency, and Subsidiary.

Note that the column names do not matter as long as the data appears in this order.

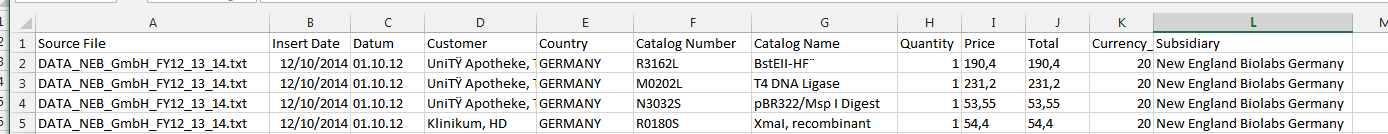
### Location

#### Singapore and Asia-Pacific

The files should be dropped to \\mung\Business Applications\European Sales Data.

#### Germany

The data should be appended to the end of the existing consolidated Excel file located at Note that this Excel file contains two additional columns (Source File and Insert Date). Populate these with the filename from **Step 1** above and the current date.



The master copy is located at [\\mung\shared\Tableau\Shared Data Sources\NEB Germany Consolidated Sales.xlsx](file:///\\mung\shared\Tableau\Shared%20Data%20Sources\NEB%20Germany%20Consolidated%20Sales.xlsx).

Note that this Excel file contains two additional columns (Source File and Insert Date). Populate these with the filename of the monthly text file and the current date.

## ETL Process

### High-Level Overview

The following diagram illustrates the high-level process required for processing the European Sales Files.

\\MUNG

SG/AP

FATI3

Import European Sales

IMPACT6

NonERPReportData

EuropeanSalesData

FATI3

FS Load FactEuropeanSales

FATI3

DecisionStore

dwFactEuropeanSales

SNAP3

Sales ETL

Cornerstone DW Load European Sales

SNAP3

CornerstoneDW

factSales

GER TXT

SNAP3

Sales ETL

Cornerstone DW Staging Load NEB Germany Sales

SNAP3

CornerstoneDW

stagingNEBGermanyExport

SNAP3

Sales ETL

Cornerstone DW Load NEB Germany Sales

\\MUNG

GER

Consolidated XLSX

SNAP3

CornerstoneDW

Tableau

SNAP3

SQL Agent\

Refresh CornerstoneDW (Full)

7. Refresh OLAP Cubes

SNAP3

SQL Agent\

Refresh CornerstoneDW (Full)

8. Refresh Tableau

### Mapping Details

#### Singapore and Asia-Pacific

The script below describes customer mapping for the SG/AP sales files.

#### Germany

The following requirements should be applied to the country and customer mapping in the German file:

* Germany, Austria and France sales are to the individual customers and should be categorized as subsidiary sales;
* In all other countries the sales are to the distributors.

The script below describes customer mapping for the German sales file.

select

convert(datetime, Datum, 4) as OrderDate

,case

when UPPER(LTRIM(RTRIM([Customer]))) = 'NEB FR'

then (select [CustomerKey] from [dimCustomer]

where [Customer Name] = 'NEB France')

when UPPER(Left([Customer],3)) = 'DIS'

then -1

else

(select CustomerKey from [CornerstoneDW].[dbo].[dimCustomer]

where [Customer Bill To SAP ID] in ('0001000011') and IsMainAccount = 1)

end as CustomerKey

,case

when UPPER(LTRIM(RTRIM([Customer]))) = 'NEB FR'

then N'Net Sale to Subsidiary'

when UPPER(Left([Customer],3)) = 'DIS'

then N'Net Sale to Distributor (via WH)'

else N'Net Sale Direct to Customer'

end as RevenueType

,LTRIM(RTRIM([Customer])) as Customer

,case UPPER([Country])

when 'GREAT BRITAIN' then Upper('United Kingdom')

when 'MACEDONIA' then Upper('Macedonia (the former Yugoslav Republic of)')

when 'Republic of Moldova' then Upper('Moldova (the Republic of)')

when 'RUSSIA' then Upper('Russian Federation')

when 'SLOVENJA' then Upper('Slovenia')

when 'Sultanate of OMAN' then Upper('Oman')

else UPPER([Country])

end as Country

,[Catalog Number]

,[Quantity]

,try\_convert(float, replace([Total],',','.')) as Revenue

,[Currency\_ID]

from [stagingNEBGermanyExport]