

# Billing Process

The TapeTrack Billing process uses the following steps:

- Extract data related to billing from the TapeTrack Database
- Write the Billing data to .ttstats files, one for each Customer ID
- Process the Billing data using a definition file which filters the data and applies the relevant charges
- Output the Customer Billing data to XML file for input into your Invoice generating software, excel sheet or other software package.

## Extracting Data

[TMSS10LogStatsExtractDB](#) reads through the TapeTrack history tables and creates billing extract files within the date range specified when the program is called.

At the completion of the program you will have one .ttstats (TapeTrack Statistics) file for each TapeTrack customer.

## Example

Extract Billing data from last month where:

- -R M-1:m-1 is the date range
- -h "%TMSS10DB%" is the database location

```
<sxh> TMSS10LogStatsExtractDB -R M-1:m-1 -h "%TMSS10DB%" </sxh>
```

## Output

Output from database with one Customer

US01.ttstats

```
<sxh>
```

```
</sxh>
```

## Processing Data

[TMSS10LogStatsProcess](#) reads through the .ttstats file and, using a definition file, filters the data, counts and applies the appropriate charges and creates an XML output file.

## Billing Definition File

```
AddJournalChargeItem("*", "US01", "00000", 0, 0, 0, 0, 0, "$CUSTOMER", "Delivery Charge",  
"Standard Delivery", 200, 1); AddJournalChargeItem("*", "US01", "00001", 0, 0, 0, 0, 0,  
"$CUSTOMER", "Delivery Charge", "Express Delivery", 400, 1); AddJournalChargeItem("*", "US01",  
"00002", 0, 0, 0, 0, 0, "$CUSTOMER", "Delivery Charge", "Over Night Delivery", 600, 1);  
AddJournalChargeItem("*", "US01", "00003", 0, 0, 0, 0, 0, "$CUSTOMER", "Delivery Charge",  
"Immediate Delivery", 1000, 1);
```

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