## White Castle / Miso Data File Exchange

White Castle will send Miso Robotics two files using an API Call passing the files. The first file is a fifteen-minute sales and transaction file that will refresh every hour. The second file will be a weekly file forecasting the castle’s sales and product suggestions every 15 minutes.

## .HOU File

## Hourly Real Time Sales File

The hourly real time sales files are a fixed length file that is created from the point of sales machine every hour. The file name will stay the same for the day and the file will grow as the days sales and transactions come in. The file name’s naming convention will identify the castle and date of the data.

**A|042|22023|.hou**

A – Area Code (A – Chicago)

042 – Castle Number

22023 – 22 Year & 023 is 23 days from Jan 1st.

## File Records

**40|000360|2|00375|22023|A|000042|+00001|+00000940|+00000940|+00048|+00001|+00083|+00000**

|  |  |
| --- | --- |
| **E**lement | **Description** |
| Record Type  0-2 | **Data Type: Char (2)**  **Identifies the Record Type** |
| Start Time  3-6 | **Data Type: Numeric (6)**  **Identifies the Number of Minutes From 12AM** |
| Sub Type  9-1 | **Data Type: Char (1)**  **Identifies the Record Sub Type** |
| End Time  10-5 | **Data Type: Numeric (5)**  **Identifies the Number of Minutes From 12AM** |
| Business Date  15-5 | **Data Type: Numeric (5)**  **Left 2 Identify Year & Right 3 Identify Days Since Jan 1st** |
| Area Code  20-1 | **Data Type: Char (1)**  **Identifies the Castle’s Area (A-Chicago)** |
| Castle Number  21-6 | **Data Type: Numeric (6)**  **Identifies the Castle Number** |
| Transactions  27-6 | **Data Type: Numeric (6)**  **Transactions** |
| Should Be Sales  33-9 | **Data Type: Numeric (9)**  **Sales with Voids (Decimal Implied 2) 940 = 9.40** |
| Net Sales  42-9 | **Data Type: Numeric (9)**  **Net Sales (Decimal Implied 2) 940 = 9.40** |
| Labor Minutes  51-6 | **Data Type: Numeric (6)**  **Labor Minutes** |
| SOS Transactions  57-6 | **Data Type: Numeric (6)**  **Speed of Service Tracked Transactions** |
| SOS Time  63-6 | **Data Type: Numeric (6)**  **Speed of Service Seconds** |
| CLT Transactions  69-6 | **Data Type: Numeric (6)**  **Critically Late Transactions > 5 Minutes** |

## \_miso.csv File

## Weekly Forecasted Sales & Product Suggestions

The weekly forecasted sales and product suggestion file is comma delimited .csv file created from a stored procedure. The file name will be named with the start date of the week and in the future will hold all castles and products being forecasted.

## File Records





|  |  |
| --- | --- |
| **E**lement | **Description** |
| Castle | **Data Type: String**  **Identifies the Castle** |
| Business Date | **Data Type: Date**  **Identifies the Business Date** |
| Day Of Week | **Data Type: String**  **Identifies the Day Of Week** |
| Hour/Minute | **Data Type: String**  **Identifies the Starting Hour/Minute** |
| Product | **Data Type: String**  **Identifies the Product** |
| Product UOM | **Data Type: String**  Identifies Product UOM |
| Forecasted Amount | **Data Type: numeric**  **Identifies the Product Suggested Amount** |
| Forecasted Sales | **Data Type: numeric**  **Identifies the Forecasted Sales for the Hour/Minute. Should be able to compare to Hourly Real Sales file to see if sales are up or down.** |