

# Get Sale History



**Feature:** Sales



**Editions:** Cloud, Corporate

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The `sales` endpoint can be queried to retrieve a history of sale transactions made through the Fusion Register and Fusion POS.

Unless otherwise noted, results obtained through this endpoint are ordered by transaction ID (`id`).

The endpoint requires `ViewSales` permissions to access.

## Examples

### Data Sync

The endpoint supports data synchronization using `since` and `until` parameters. See [Since & Until parameters](#) for more information. Results obtained through the `since` parameter are sorted by modification date.

Contact Fusion Support if you are writing an integration to post Fusion sales data to an ERP or accounting system. There may be some additional items to consider for optimizing how your integration can handle record modifications and updating posting status.

### List Sales for Customer

Return a list of sales by customer:

```
query MyQuery {  
  sale(customerId: "03945153273576554615") {  
    hasMoreResults
```

```
    results {  
      id  
      registerCode  
      tranNo  
      customerId  
    }  
  }  
}
```

The `hasMoreResults` value indicates whether more results are available, which you set the `skip` and `first` parameters to get the next page of data. This example would get the next page of data, assuming a page size of 20 rows:

```
query MyQuery {  
  sale(  
    customerId: "03945153273576554615",  
    skip: 20,  
    first: 20  
  ) {  
    hasMoreResults  
    results {  
      id  
      registerCode  
      tranNo  
      customerId  
    }  
  }  
}
```

### List Sales by Date Range

Return a list of sales for a specific date:

```
query MyQuery {  
  sale(fromDate: "2020-08-01", toDate: "2020-09-01") {  
    hasMoreResults  
    results {  
      id  
      registerCode  
      tranNo  
      customerId  
      saleDate  
    }  
  }  
}
```

```
}  
}  
}
```

Note:

- `fromDate` is inclusive, and `toDate` is exclusive - this query will return transactions for all of August 2020.
- Results are sorted by transaction ID.
- Sales transactions from the Fusion Register are entered with just the date component, as a local date. POS will report dates as UTC. For this reason, you may see a time zone offset in your date results.

### Get Sale by ID

Return a sale by its transaction ID, with most of the possible fields specified in the query:

```
query AllCustomers {  
  sale(id: "3945153273576554499") {  
    results {  
      id  
      warehouseCode  
      registerCode  
      tranNo  
      type  
      saleDate  
      channelCode  
      clerkCode  
      postStatus  
      extDocType  
      extDocNo  
      subTotal  
      tax  
      taxExempt  
      customerId  
      customer {  
        firstName  
        lastName  
        contactPhone {  
          display  
        }  
      }  
      email
```

```
classCode
}
depositTotal
deposits {
  amount
  order {
    id
  }
}
discountTotal
discounts {
  name
  flatAmount
  percentAmount
}
lineItems {
  lineNumber
  sku
  name
  quantity
  uom
  unitPrice
  extPrice
  isRefund
  shipViaCode
  unitCost
  warehouseCode
  itemDiscountAllocated
  saleDiscountAllocated
  discounts {
    name
    flatAmount
    percentAmount
  }
  attributes {
    comment
    serialLotNo
  }
  tax {
    scheduleCode
```


```

    itemCode
    rate
    amount
  }
  commissions {
    salespersonCode
    rate
  }
}
shipments {
  customerName
  phone {
    display
  }
  attention
  address {
    addressLine1
    addressLine2
    addressLine3
    city
    stateCode
    state
    countryCode
    country
    zip
  }
}
payments {
  payTypeCode
  tenderAmount
  changeTypeCode
  changeAmount
}
}
}
```

This example shows how a rich set of nested information can be returned in the query results. In particular, note how `customer` and `deposits/order` refer to other entities outside the transaction.



## Other

 The above examples are not an exhaustive list of the types of queries that can be performed against this endpoint. Additional parameters are available in the online documentation (accessed through the *GraphiQL* tool built into POS).