Get Sale History

Feature: Sales

Editions: Cloud, Corporate

The `sales` endpoint can be queried to retrieve a history of sale transactions made through the Kensium Register and Kensium 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 Kensium Support if you are writing an integration to post Kensium 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") {
```

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```
    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
```

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```
      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 Kensium 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
        }
```

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```
    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 {
```

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```
          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.

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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).

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