# Peach Software - PeachAPI

## Available Functions:

| Product / Customer | Transactional | Miscellaneous |
|---|---|---|
| GetProductDetails | UpdateOrder | GetWarehouseList |
| GetProductPriceAvail | UpdateInvoice | Valid Fields and Filters |
| GetCustomerDetails | UpdatePurchaseOrder | |
| UpdateCustomerDetails | UpdateBranchTransfer | |
| | GetTransactionDetails | |
| | FilterTransactionRange | |

## Technical Summary

| HTTP Method | POST |
|---|---|
| Request Content-Type | "application/x-www-form-urlencoded" |
| Response Content-Type | text/plain |
| | |

## Additional Notes

| |
|---|
| Data requests are either a JSON array or a Single string field |
| Data request parameter positions are fixed, use blank placeholders if "*Allow Blank*" is set to **Yes** |
| Data parameters in body of request, not the header |
| Replace following characters before all API requests (characters  will be converted back once request is received)<br>- Replace **&** with **^**<br>- Replace **<** with **`** |
| All Error Responses start with an "!" + Error Message |
| |
| |

# Function: GetProductDetails

Get extract of Product details in a bulk method.

| Pos | Summary | Place holder | Comment | Allow Blank | Type |
|---|---|---|---|---|---|
| 1 | Connection Key | *key* | Unique Connection Key – will be provided by Peach Software Support | No | Text |
| 2 | Field List | *fields* | List of Product fields that can be returned. See list of valid fields | Yes | JSON |
| 3 | Filter List | *filter* | List of Product filters that can be applied. See list of valid fields | Yes | JSON |
| 4 | Warehouse | *wh* | Optional warehouse/branch code | Yes | Text |
| 5 | Prices Inc/Ex GST | *incexgst* | Selling prices to have GST Included/Excluded. Value: **I** =Include, **X** = Exclude | No | Text |

**Request Sample:**

f=getProductDetails&key=12345&fields={"fields":[{"field":"descr"},{"field":"barcode"},{"field":"grpcode"},{"field":"price1"},{"field":"instkqty"},{"field":"location"}]}&filter={"filter":[{"grpcode":"ZZ","subgroup":"YY" }]}&wh=NSW&incexgst=I

**Result Sample:**

{"Product":[{
"part":"017800","descr":"SYKES CYLINDER HEAD STAND","barcode":"9644827162839","grpcode":"ZZ","price1":"266.38","instkqty":"","location":""},
{"part":"05-2054","descr":"GATES LOWER RAD HOSE","barcode":"9346827663851","grpcode":"ZZ","price1":"38.65","instkqty":"0","location":""}, …… }]}

**Extra Notes:**

*Multiple values of the same Filter field can be requested with a comma.*
*Eg: filter={"filter":[{"grpcode":"XX,ZZ","subgroup":"YY" }]}*

# Function: GetProductPriceAvail

Get extract of Product details by providing specific Part Numbers.

| Pos | Summary | Place holder | Comment | Allow Blank | Type |
|-----|---------|--------------|---------|-------------|------|
| 1 | Connection Key | *key* | Unique Connection Key – will be provided by Peach Software Support | No | Text |
| 2 | Part List | *product* | List of Part numbers | No | JSON |
| 3 | Field List | *fields* | List of Product fields that can be returned. See list of valid fields | Yes | JSON |
| 4 | Warehouse | *wh* | Optional warehouse/branch code | Yes | Text |
| 5 | Customer Code | *cust* | Optional Customer Code to return Customer Special Price | Yes | Text |
| 6 | Prices Inc/Ex GST | *incexgst* | Selling prices to have GST Included/Excluded. Value: **I** =Include, **X** = Exclude | No | Text |

**Request Sample:**

```
f=getProductPriceAvail&key=12345&product={"product":[{"part":"BJ55"},{"part":"Z9"
},{"part":"Z9Y"}]}&fields={"fields":[{"field":"grpcode"},{"field":"descr"},{"field":"instkqty"},{"field":"location"}]}
&wh=NSW&cust=ABC123&incexgst=I
```

**Result Sample:**

```
{"Product":[{
"Part":"BJ55","grpcode":"SUS","descr":"BALL
JOINT","instkqty":"0","location":"","ValidPart":"True","CustomerPrice":"22"},
{"Part":"Z9","grpcode":"RYC","descr":"RYC-OIL FILTER ","instkqty":"88","location":"B1","ValidPart":"True"
,"CustomerPrice":"6.6"}, {"Part":"Z9Y","grpcode":"CHA","descr":"CHA-CHAMPION
PLUGS","instkqty":"55","location":"B2","ValidPart":"True","CustomerPrice":"5.23"}]}
```

**Extra Notes:**

- If Customer Code passed, then "CustomerPrice" field is returned in results.
- Field "ValidPart" (true/false) returned at all times to determine if Part Number found a match or not.

## Function: GetCustomerDetails

Get extract of Customer Details.

| Pos | Summary | Place holder | Comment | Allow Blank | Type |
|-----|---------|--------------|---------|-------------|------|
| 1 | Connection Key | *key* | Unique Connection Key – will be provided by Peach Software Support | No | Text |
| 2 | Customer Code | *custcode* | Unique Customer Code | No | Text |
| 3 | Field List | *fields* | List of Customer fields that can be returned. See list of valid fields | Yes | JSON |

**Request Sample:**

f=getCustomerDetails&key=12345&custcode=ABC123&fields={"fields":[{"field":"name"},{"field":"address1"},{"field":"address2"},{"field":"address3"},{"field":"pcode"}]}

**Result Sample:**

{"Customer":[{"custcode":"ABC123","name":"New Customer","address1":"Zen Building","address2":"100 Sample Street","address3":"Sydney NSW","pcode":"2100"}]}

# Function: UpdateCustomerDetails

Update Customer Details.

| Pos | Summary | Place holder | Comment | Allow Blank | Type |
|-----|---------|--------------|---------|-------------|------|
| 1 | Connection Key | *key* | Unique Connection Key – will be provided by Peach Software Support | No | Text |
| 2 | Customer Code | *custcode* | Unique Customer Code (10 character limit) | No | Text |
| 3 | Field List | *fields* | List of Customer fields that can be returned. See list of valid fields | Yes | JSON |
| 4 | Update If Not Found | *UpdateIfNotFound* | True/False – flag to create customer if CustCode not found | No | Text |

**Request Sample:**

f=updateCustomerDetails&key=12345&custcode=ABC123&fields={"fields":[{"name":"New Customer","address1":"Zen Building","address2":"100 Sample Street","address3":"Sydney NSW","pcode":"2100"}]}&updateifnotfound=true

**Result Sample:**

Customer Updated
or
! + Error Message

**Extra Notes:**

- Customer Code limit is 10 characters
- Mobile numbers make for good customer codes instead of auto generating a random code

# Function: UpdateOrder / UpdateInvoice

Update Customer Order / Invoice

| Pos | Summary | Place holder | Comment | Allow Blank | Type |
|-----|---------|-------------|---------|-------------|------|
| 1 | Connection Key | *key* | Unique Connection Key – will be provided by Peach Software Support | No | Text |
| 2 | Header | *Header* | List of transactional header fields that can be submitted. See list of valid fields | No | JSON |
| 3 | Products | *Products* | List of Product fields that can be submitted. See list of valid fields | No | JSON |
| 4 | Warehouse | *wh* | Warehouse/branch code | Yes | Text |
| 5 | Prices Inc/Ex GST | *incexgst* | Submitted selling prices have GST Included/Excluded. Value: **I** =Include, **X** = Exclude | No | Text |

**Request Sample:**

**Order:**

```
f=updateOrder&key=12345&header={"fields":[{"custcode":"ABC123","name":"New
Customer","transdate":"7/05/2018","transid":"ZZZ","orderno":"XXX","address1":"Zen Building","address2":"100
Sample Street","address3":"Sydney NSW 2100","courier":"Peach Air
Ways","freight":"3.30","reference":"XXX","comments":"leave package at
door"}]}&products={"parts":[{"part":"BJ55", "qty":"1", "price":"49.99"},{"part":"Z9", "qty":"3",
"price":"19.50"},{"part":"Z9Y", "qty":"9", "price":"29.95"},{"note":"Optional note that may relate to the parts
list"}]}&wh=NSW&incexgst=I
```

**Invoice:**

```
f=updateInvoice&key=12345&header={"fields":[{"custcode":"ABC123","name":"New
Customer","transdate":"8/05/2018","transid":"ZZZ","orderno":"XXX","address1":"Zen Building","address2":"100
Sample Street","address3":"Sydney NSW 2100","courier":"Peach Air
Ways","freight":"3.30","pmtmethod":"3","reference":"XXX","comments":"leave package at
door"}]}&products={"parts":[{"part":"Z9Y", "qty":"9", "price":"29.95"}]}&wh=&incexgst=I
```

**Result Sample:**

```
Packslip Created: COXXXXXX
 Or
Invoice Created: IEXXXXXX
 Or
! + Error Message
```

**Extra Notes:**

- Product JSON array requires: Part, Qty, individual Price
- If Warehouse left blank, transaction will be posted to the Head office branch.

# Function: UpdatePurchaseOrder

Update Supplier Purchase Order – with an option to automatically email

| Pos | Summary | Place holder | Comment | Allow Blank | Type |
|---|---|---|---|---|---|
| 1 | Connection Key | *key* | Unique Connection Key – will be provided by Peach Software Support | No | Text |
| 2 | Header | *Header* | List of transactional header fields that can be submitted. See list of valid fields | No | JSON |
| 3 | Products | *Products* | List of Product fields that can be submitted. See list of valid fields | No | JSON |
| 4 | Email | *email* | Optional email parameter. Can just be left blank if not required.  See more info | Yes | JSON |
| 5 | Warehouse | *wh* | Warehouse/branch code | Yes | Text |

**Request Sample:**

f=updatePurchaseOrder&key=12345&header={"fields":[{"suppcode":"ABC123","reference":"refNo123","enterby":"JOHN","shipdate":"11/Oct/2020","comments":"Advise if cannot supply"}]}&products={"parts":[{"part":"BJ55", "qty":"1"},{"part":"Z9", "qty":"3"},{"part":"Z9Y", "qty":"9"}]}&email={"email":[{"send":"yes"}]}&wharea=NSW

**Result Sample:** *both transaction ID and email status returned, joined by semicolon*

Purchase Order: SOXXXX;Email: Success
 Or
! + Error Message

**Extra Notes:**

- Product JSON array requires: Part, Qty
- If Warehouse left blank, transaction will be posted to the Head office branch.

# Function: UpdateBranchTransfer

Update Branch Transfer – with an option to automatically email

| Pos | Summary | Place holder | Comment | Allow Blank | Type |
|-----|---------|--------------|---------|-------------|------|
| 1 | Connection Key | *key* | Unique Connection Key – will be provided by Peach Software Support | No | Text |
| 2 | Header | *Header* | List of transactional header fields that can be submitted. See list of valid fields | No | JSON |
| 3 | Products | *Products* | List of Product fields that can be submitted. See list of valid fields | No | JSON |
| 4 | Email | *email* | Optional email parameter. Can just be left blank if not required.  See more info | Yes | JSON |

**Request Sample:**

f=updateBranchTransfer&key=12345&header={"fields":[{"fromarea":"NSW","toarea":"VIC","status":"R","reference":"refNo123","orderno":"ordNo899","comments":"Advise if cannot supply"}]}&products={"parts":[{"part":"BJ55", "qty":"1"},{"part":"Z9", "qty":"3"},{"part":"Z9Y", "qty":"9"}]}&email={"email":[{"send":"yes"}]}

**Result Sample:** *both transaction ID and email status returned, joined by semicolon*

Branch Transfer: BTXXXX;Email: Success
*Or*
! + Error Message  (*if transaction failed to generate*)

**Extra Notes:**

- Product JSON array requires: Part, Qty
- Status field in header can be **R** = Original Request *(default)*   or   **T** = In Transit   or   **F** = Finalise

# Function: GetTransactionDetails

Get header and Product details based on a single Transaction ID.
For more multiple transaction results see function: **FilterTransactionRange**

| Pos | Summary | Place holder | Comment | Allow Blank | Type |
|-----|---------|--------------|---------|-------------|------|
| 1 | Connection Key | *key* | Unique Connection Key – will be provided by Peach Software Support | No | Text |
| 2 | TrnType | *trntype* | Either **CO** = Order **IE** = Invoice – if blank, then prexfix TransID with trntype. | Yes | Text |
| 3 | TransID | *transid* | Transaction ID – usually numeric. Can be: CO### or IE### or just ### if trntype provided | No | Text |
| 4 | Split Results | *split* | Split results into 2 objects – Header / Details. Reduces unnecessary repeated data. | No | Yes/No |

**Request Sample:**

f=getTransactionDetails&key=12345&trntype=CO&transid=CO50724&split=yes

**Result Sample (==Split==):**

{"Header":[{"id":"CO50724","custcode":"ABC123","billto":"ABC123","duedate":"13/05/2020","name":"New Customer","orderno":"TEST","invno":"","packslip":"50724","reference":"","area":"WH002","subtotal":"110.22","freight":"2.73","gst":"11.29","total":"124.24","pmtmethod":"","salesman":"MAX","items":"3","message":"Comments: leave package at door [TransID: ZZZ] [TransDate: 20/05/2020]","courier":"Peach Air Ways","address1":"Zen Building","address2":"100 Sample Street","address3":"Sydney NSW 2100","delnme":"","delad1":"","delad2":"","delad3":"","internet":"abc@domain.com","salesemail":"","accountsemail":""}],"Details":[{"lne":"1","id":"CO50724","part":"BJ55","desc":"Holden 55-80 Lower Ball Joint","ord":"3","supp":"3","price":"22.5","nett":"67.5"},{"lne":"2","id":"CO50724","part":"Z9","desc":"Oil Filter","ord":"5","supp":"5","price":"7.88","nett":"39.4"},{"lne":"3","id":"CO50724","part":"Z9Y","desc":"Champion Marine/Mcycle Spark Plug","ord":"1","supp":"1","price":"14.34","nett":"14.34"}]}

**Result Sample (==Combined==):**

{"Transaction":[{"id":"CO50724","custcode":"ABC123","billto":"ABC123","duedate":"13/05/2020","name":"New Customer","orderno":"TEST","invno":"","packslip":"50724","reference":"","area":"WH002","subtotal":"110.22","freight":"2.73","gst":"11.29","total":"124.24","pmtmethod":"","salesman":"MAX","items":"3","message":"Comments: leave package at door [TransID: ZZZ] [TransDate: 20/05/2020]","courier":"Peach Air Ways","address1":"Zen Building","address2":"100 Sample Street","address3":"Sydney NSW 2100","delnme":"","delad1":"","delad2":"","delad3":"","lne":"1","part":"BJ55","desc":"Holden 55-80 Lower Ball Joint","ord":"3","supp":"3","price":"22.5","nett":"67.5","internet":"abc@domain.com","salesemail":"","accountsemail":""},{"id":"CO50724","custcode":"ABC123","billto":"ABC123","duedate":"13/05/2020","name":"New Customer","orderno":"TEST","invno":"","packslip":"50724","reference":"","area":"WH002","subtotal":"110.22","freight":"2.73","gst":"11.29","total":"124.24","pmtmethod":"","salesman":"MAX","items":"3","message":"Comments: leave package at door [TransID: ZZZ] [TransDate: 20/05/2020]","courier":"Peach Air Ways","address1":"Zen Building","address2":"100 Sample Street","address3":"Sydney NSW 2100","delnme":"","delad1":"","delad2":"","delad3":"","lne":"2","part":"Z9","desc":"Oil Filter","ord":"5","supp":"5","price":"7.88","nett":"39.4","internet":"abc@domain.com","salesemail":"","accountsemail":""},{"id":"CO50724","custcode":"ABC123","billto":"ABC123","duedate":"13/05/2020","name":"New Customer","orderno":"TEST","invno":"","packslip":"50724","reference":"","area":"WH002","subtotal":"110.22","freight":"2.73","gst":"11.29","total":"124.24","pmtmethod":"","salesman":"MAX","items":"3","message":"Comments: leave package at door [TransID: ZZZ] [TransDate: 20/05/2020]","courier":"Peach Air Ways","address1":"Zen Building","address2":"100 Sample Street","address3":"Sydney NSW 2100","delnme":"","delad1":"","delad2":"","delad3":"","lne":"3","part":"Z9Y","desc":"Champion Marine/Mcycle SparkPlug","ord":"1","supp":"1","price":"14.34","nett":"14.34","internet":"abc@domain.com","salesemail":"","accountsemail":""}]}

# Function: FilterTransactionRange

Get Customer/Supplier and Product Transactional details based on a Date and Transaction Type and other optional filters.

| Pos | Summary | Place holder | Comment | Allow Blank | Type |
|-----|---------|--------------|---------|-------------|------|
| 1 | Connection Key | *key* | Unique Connection Key – will be provided by Peach Software Support | No | Text |
| 2 | TrnType | trntype | Either **CO** = Order   **IE** = Invoice   **SO** = Supplier Order | No | Text |
| 3 | Filter Date | transdate | Filter transaction date, format either: dd/MM/yyyy   *-or-*   dd/MMM/yyyy *If left blank, results will be limited to the first 100 records using other filters provided.* | Yes | Date |
| 4 | Header Fields | *headfld* | List of Header fields that can be returned. See list of valid fields | No | JSON |
| 5 | Product Fields | *Stkfld* | List of Product fields that can be returned. See list of valid fields | Yes | JSON |
| 6 | Filter | *filter* | List of Header filters that can be applied. See list of valid fields | Yes | JSON |
| 7 | Nest results | *nest* | Nest the Product data within each header. Reduces unnecessary repeated header data. | No | Yes/No |

**Request Sample:**

f=filtertransactionrange&key=12345&trntype=IE&transdate=01/Jan/2020&headfld={'fields':[{'field':'id'},{'field':'name'},{'field':'address1'},{'field':'address2'},{'field':'address3'},{'field':'items'},{'field':'total'}]}&stkfld={'fields':[{'field':'lne'},{'field':'part'},{'field':'desc'},{'field':'ord'},{'field':'supp'}]}&filter={'filter':[{'courier':'FASTWAYS,TNT AUTO','salesman':'JOHN'}]}&nest=true

**Extra Notes:**

*Multiple values of the same Filter field can be requested with a comma.*
*Eg: filter={"filter*:[{'courier':'FASTWAYS,TNT AUTO'}]}*

## Function: GetWarehouseList

Get Warehouse/Branch listing – includes warehouse address and contact info if set.

| Pos | Summary | Place holder | Comment | Allow Blank | Type |
|-----|---------|--------------|---------|-------------|------|
| 1 | Connection Key | *key* | Unique Connection Key – will be provided by Peach Software Support | No | Text |

**Request Sample:**

f=getWarehouseList&key=12345

**Result Sample:**

{"Warehouse":[{"area":"WH002","name":"Warehouse 2","branchname":"Warehouse 2","branchaddress1":"Unit 67, 213 Old bridge Road","branchaddress2":"Moorebank","branchaddress3":"NSW, 2170","branchphone":"02 9876-4321","branchfax":"02 9876-4399","branchemail":"wh2@domain.com","isprimary":"True"},{"area":"WH003","name":"Warehouse 3","branchname":"Warehouse 3","branchaddress1":"23-45 Jordan Way","branchaddress2":"Wetherill Park","branchaddress3":"NSW 2164","branchphone":"02 8192-9384","branchfax":"","branchemail":"wh3@domain.com","isprimary":"False"},{"area":"WH005","name":"Warehouse 5","branchname":"Warehouse 5","branchaddress1":"84-98 Bulls Point Road","branchaddress2":"Castle Hill","branchaddress3":"NSW 2154","branchphone":"02 4918-7364","branchfax":"02 4918-7000","branchemail":"wh5@domain.com","isprimary":"False"}]}

# Other: Valid Product / Warehouse Fields and Filters

## Get Data - Products Fields

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Part | Promo1 | FutStartDt | SalQtyYtd | FSaleDate | Labline2 | PQty4 | STUpdated |
| Descr | Promo2 | LastCost | PurQtyYtd | LSaleDate | Labline3 | Pqty5 | LastModified |
| BarCode | Promo3 | AveCost | SalQtyLy | Notes | Labline4 | Pqty6 | PriceList |
| GrpCode | Promo4 | CurrCost | PurQtyLy | PrefSupp | Specs1 | AveSale | SuppOrdDate |
| Price1 | Promo5 | FutCost | InStkQty | Active | Specs2 | FixPrice | Brand |
| Price2 | ProStDate | Duty | MinLvlQty | Markup | Specs3 | CreateDate | PriceFRetail |
| Price3 | ProFinDate | Weight | MaxLvlQty | CodeField | UnitSale | Promo6 | Core |
| Price4 | Future1 | Location | CustOrdQty | UnitQty | PrefSupp2 | Future6 | Ave3Month |
| Price5 | Future2 | OEM | SuppOrdQty | PackSize | KitManual | LabRetail | Ave6Month |
| Price6 | Future3 | SubGroup | BkOrdQty | Volume | PQty1 | Zerostock | Ave9Month |
| PriceLvl | Future4 | SalQtyMtd | FPurDate | Deposit | PQty2 | Tag | Ave12Month |
| TaxCode | Future5 | PurQtyMtd | LPurDate | Labline1 | PQty3 | Category | DGCode |

## Get Data - Warehouse / Branch Product Fields

| | | | | | | |
|---|---|---|---|---|---|---|
| Area | MaxLvlQty | SalQtyM2 | PurQtyLY | FSaleDate | SuppordDate | STUpdated |
| InStkQty | UseQtyMtd | SalQtyM3 | UseQtyYtd | LSaleDate | LocalQty | Ave3Month |
| SalQtyMtd | SalQtyYtd | AveSale | UseQtyLy | CustOrdQty | LocalVal | Ave6Month |
| PurQtyMtd | Location | TotSale | FPurDate | SuppOrdQty | JCOrdQty | Ave9Month |
| MinLvlQty | SalQtyM1 | SalQtyLY | LPurDate | BkOrdQty | JCOrdVal | Ave12Month |

## Filter Data - Product

| GrpCode | SubGroup | PrefSupp | PrefSupp2 | Brand | Category | CodeField | PriceList | LastModified |
|---|---|---|---|---|---|---|---|---|

### Notes:

*Multiple values of the same Filter field can be requested with a comma.*
*Eg: filter={"filter":[{"grpcode":"XX,ZZ","subgroup":"YY" }]}*

**LastModified** filtering
Format: dd/MM/yyyy   or   dd/MMM/yyyy
Defaults to: *equal to or greater than* >= unless operator sent in request.

*Eg: filter={"filter":[{"LastModified":">=dd/MMM/yyyy"}]}*

*Eg: filter={"filter":[{"LastModified":"=dd/MMM/yyyy"}]}*

*Eg: filter={"filter":[{"LastModified":"<=dd/MMM/yyyy"}]}*

# Other: Valid Customer Fields and Filters

## Get Data - Customer Fields

| CustCode | Delad3 | Area | AcctNo | LastPdAmt | Budget | Cycle | CreateDate |
|----------|---------|---------|-----------|-----------|----------|--------------|------------|
| BillTo | DelPCode | RptCode | Current | LastPdDate | CashDisc | ABN | CommRate |
| Name | Phone | PriceLvl | ThirtyDays | AcnNo | NoPromo | GSTExempt | |
| Address1 | Fax | PriceAs | SixtyDays | FrtRate | Financed | LastModified | |
| Address2 | Internet | FSale | NinetyDays | Courier | 120Days | ID | |
| Address3 | Mobile | LSale | Total | Future | MktCode | AccountsEmail | |
| PCode | Contact1 | CrdLmt | Bank | Notes | NoFreight | SalesEmail | |
| Delad1 | Contact2 | Terms | Branch | BkOrd | Rebate | EmailInvoiceYN | |
| Delad2 | SalesMan | BsbNo | Drawer | ChkCredit | Fee | CustomerType | |

## Update Data - Customer Fields

| Name | Delad2 | Mobile | PriceLvl | BsbNo | FrtRate | MktCode | ID |
|----------|----------|----------|---------|---------|----------|-----------|----------------|
| Address1 | Delad3 | Contact1 | PriceAs | AcctNo | Courier | NoFreight | AccountsEmail |
| Address2 | DelPCode | Contact2 | FSale | Bank | Notes | Fee | SalesEmail |
| Address3 | Phone | SalesMan | LSale | Branch | BkOrd | Cycle | EmailInvoiceYN |
| PCode | Fax | Area | CrdLmt | Drawer | Budget | ABN | CustomerType |
| Delad1 | Internet | RptCode | Terms | AcnNo | Financed | GSTExempt | CommRate |

## Other: Transactional Fields and Filters

### Update Transaction - Customer Order / Invoice Header Fields

| Field | Required | Limit | Order | Invoice | Uses default if blank | Comment |
|-------|----------|-------|-------|---------|-----------------------|---------|
| CustCode | **Yes** | 10 | Yes | Yes | | Customer Code |
| Name | | 40 | Yes | Yes | Yes | Customer Name / Company |
| Address1 | | 40 | Yes | Yes | Yes | Billing Unit / Street |
| Address2 | | 40 | Yes | Yes | Yes | Billing City |
| Address3 | | 40 | Yes | Yes | Yes | Billing State and Postcode |
| DelNme | | 40 | Yes | Yes | Yes | Delivery Name / Company |
| DelAd1 | | 40 | Yes | Yes | Yes | Delivery Unit / Street |
| DelAd2 | | 40 | Yes | Yes | Yes | Delivery City |
| DelAd3 | | 40 | Yes | Yes | Yes | Delivery State and Postcode |
| OrderNo | **Yes** | 20 | Yes | Yes | | Customer Order Number |
| Courier | | 20 | Yes | Yes | | Courier if applicable |
| Freight | | - | Yes | Yes | | Freight Charge |
| Reference | | 10 | Yes | Yes | | Extra option from Customer, eg: Ordered By |
| TransID | | 10 | Yes | Yes | | **Note only** -- Added to Message with prefix |
| TransDate | | - | Yes | Yes | | **Note only** -- Added to Message with prefix |
| Comments | | 250 | Yes | Yes | | Message from Customer |
| Salesman | | 6 | Yes | Yes | | Defaults to 'API' unless supplied |
| DeptCode | | 3 | Yes | Yes | | Transaction Flag. Defaults to blank |
| SalesGLCode | | 10 | **No** | Yes | Yes | Sales General Ledger code |
| DontAdjustStock | | - | **No** | Yes | | True/false – Set to true if ALL products on transaction if Stock Levels are Not to be adjusted. |
| PmtMethod<br><br>(Invoices Only) | **Yes** | 1 | **No** | Yes | | Valid Payment Types:<br>1 = Cash<br>2 = EFTPos<br>3 = PayPal<br>4 = MasterCard<br>5 = Visa<br>6 = Amex/Other<br>7 = Direct Payment<br>8 = Cheque<br>9 = Account |

### Update Transaction - Customer Order / Invoice Product Fields

| Field | Mandatory | Limit | Comment |
|-------|-----------|-------|---------|
| Part | **Yes** | 20 | Part Number – will be validated when processing transaction |
| Qty | **Yes** | - | Transaction Quantity. Negative qty's will be treated as credit note. |
| Price | **Yes** | - | Single Unit price, should always be positive value. |
| Note | | 80 | Comment line – leave all other fields blank when adding a line note. |

# Get Data – Transaction: Customer Order/Invoice Header Fields

| ID | Name | CustCode | BillTo | OrderNo | PackSlip | Area | TrnType |
|----|------|----------|--------|---------|----------|------|---------|
| SubTotal | GST | Freight | Total | Paid | UnPaid | PmtMethod | Items |
| Cartons | Connote | Weight | PackedBy | CheckedBy | Address1 | Address2 | Address3 |
| Date | DueDate | InvNo | Reference | BatchNo | TransTime | Internet | DeptCode |
| Message | Salesman | ShipDate | Courier | DelNme | Delad1 | Delad2 | Delad3 |
| SuppCode | | | | | | | |

# Get Data – Transaction: Customer Order/Invoice Product Details Fields

| Lne | ID | Part | Desc | Ord | Supp | BkOrd | RefPrice | Location |
|-----|-----|------|------|-----|------|-------|----------|----------|
| Price | Nett | GST | SuppPart | Disc | DueDate | GrpCode | SubGroup | ShipDate |

# Filter Data - Transaction: Customer Order/Invoice Header Fields

| ID | CustCode | BillTo | OrderNo | PackSlip | Area | TrnType | BatchNo | CheckedBy |
|----|----------|--------|---------|----------|------|---------|---------|-----------|
| PmtMethod | InvNo | Reference | DeptCode | Salesman | Courier | Connote | PackedBy | SuppCode |

# Email JSON Structure

Currently only an option when processing a Supplier Purchase Order or a Branch Transfer.
If parameter is blank in request, it will default to **send = No**
Otherwise see structure highlighted below to create a successful email request.
The JSON object is being used as future updates will allow for other parameters, *eg: CC, BCC, Subject plus more…*
For now, the email will be sent to the linked email addresses for either the Supplier or FromArea Branch.

**Sample:**

```
f=updateBranchTransfer&key=12345&header={"fields":[{"fromarea":"NSW","toarea":"VIC","status":"R","reference":"refNo123","orderno":"ordNo899","comments":"Advise if cannot supply"}]}&products={"parts":[{"part":"BJ55", "qty":"1"},{"part":"Z9", "qty":"3"},{"part":"Z9Y", "qty":"9"}]}&email={"email":[{"send":"yes"}]}
```

**Result Sample:** When emailing is available, then the results returned are both the transaction ID and email status, joined by semicolon. Here are some samples of possible results:

```
Branch Transfer: BTXXXX;Email: Not Requested
Or
Branch Transfer: BTXXXX;Email: !Failed to send: reason why
Or
Branch Transfer: BTXXXX;Email: Success
Or
! + Error Message  (if transaction failed to generate)
```

# Update Transaction – Supplier Purchase Order

| Field | Mandatory | Limit | Uses default if blank | Comment |
|---|---|---|---|---|
| **Header Fields** | | | | |
| SuppCode | **Yes** | 10 | | Supplier Code |
| Name | | 40 | Yes | Supplier Name |
| DelNme | | 40 | Yes | Delivery Name |
| DelAd1 | | 40 | Yes | Delivery Unit / Street |
| DelAd2 | | 40 | Yes | Delivery City |
| DelAd3 | | 40 | Yes | Delivery State and PostCode |
| OrderNo | | 20 | | Order Number |
| Reference | | 10 | | Reference Number |
| TransID | | 10 | | **Note only** -- Added to Message with prefix |
| TransDate | | dd/MMM/yyyy | | **Note only** -- Added to Message with prefix |
| Comments | | 250 | | Message for Supplier |
| EnterBy | | 10 | | Order Entered by |
| ShipDate | | dd/MMM/yyyy | | Ship Date that order is expected to arrive |
| | | | | |
| | | | | |
| **Product Fields** | | | | |
| Part | **Yes** | 20 | | Primary Part Number |
| Qty | **Yes** | - | | Order Qty *(Product PackSizes will adjust accordingly)* |
| | | | | |

# Update Transaction – Branch Transfer

| Field | Mandatory | Limit | Uses default if blank | Comment |
|---|---|---|---|---|
| **Header Fields** | | | | |
| FromArea | **Yes** | 10 | | Sending Stock **From** Branch Code |
| ToArea | **Yes** | 40 | | Sending Stock **To** Branch Code |
| Status | | 1 | | Status: **R** = Request *(default)* / **T** = In Transit / **F** = Finalised |
| Name | | 40 | Yes | From Branch Name |
| Address1 | | 40 | Yes | From Branch Address1 |
| Address2 | | 40 | Yes | From Branch Address2 |
| Address3 | | 40 | Yes | From Branch Address3 |
| DelNme | | 40 | Yes | To Branch Name |
| DelAd1 | | 40 | Yes | To Branch Delivery Address1 |
| DelAd2 | | 40 | Yes | To Branch Delivery Address2 |
| DelAd3 | | 40 | Yes | To Branch Delivery Address3 |
| OrderNo | | 20 | | Order Number |
| Reference | | 10 | | Reference Number |
| Salesman | | 6 | | Salesman Code |
| Courier | | 20 | | Courier Name |
| ConNote | | 20 | | Con Note Number |
| Cartons | | 20 | | Number of Cartons |
| PackedBy | | 10 | | Staff member in charge of Packing Goods |
| CheckedBy | | 10 | | Staff member in charge of Checking Goods |
| InvoicedBy | | 10 | | Staff member in charge of Finalising Goods |
| Comments | | 250 | | Message |
| | | | | |
| **Product Fields** | | | | |
| Part | **Yes** | 20 | | Primary Part Number |
| Qty | **Yes** | - | | Transfer Qty |
| | | | | |