

GL Accounts Excel Functions

This document lists the Excel functions currently implemented in the GL Accounts proof of concept.

Common Parameters

All functions use the same four parameters:

- 'companyKey': company party code or company party name, for example 'ICT TRADING'.
- 'accountCode': general ledger account code, for example '20011'.
- 'currencyIso': transaction currency filter. In the current database this may be the currency id, code, name, symbol, or numeric code, for example '1', 'USD', or 'EUR'.
- 'valueDate': accounting cutoff date. Only posted moves up to this date are included.

Example parameter shape:

```
=GetAccountAmount("ICT TRADING","20011","USD",DATE(2026,5,13))
```

Implemented Functions

GetAccountBaseAmount

```
=GetAccountBaseAmount(companyKey, accountCode, currencyIso, valueDate)
```

Returns the account balance converted to the company base currency using the currency rate at 'valueDate'.

GetAccountRealBaseAmount

```
=GetAccountRealBaseAmount(companyKey, accountCode, currencyIso, valueDate)
```

Returns the posted balance already stored in company base currency.

GetAccountAmount

```
=GetAccountAmount(companyKey, accountCode, currencyIso, valueDate)
```

Returns the posted balance in transaction currency for the selected currency filter.

GetAccountAbbr

```
=GetAccountAbbr(companyKey, accountCode, currencyIso, valueDate)
```

Returns the account abbreviation. In this POC it returns the account code because no separate GL abbreviation field is available.

GetAccountName

```
=GetAccountName(companyKey, accountCode, currencyIso, valueDate)
```

Returns the general ledger account name.

GetAccountContact

=GetAccountContact(companyKey, accountCode, currencyIso, valueDate)

Backward-compatible contact formula. It returns contact codes when available, otherwise contact names.

GetAccountContactCode

=GetAccountContactCode(companyKey, accountCode, currencyIso, valueDate)

Returns a comma-separated list of contact party codes found on posted GL lines. If a party has no code, its name is used as fallback.

GetAccountContactName

=GetAccountContactName(companyKey, accountCode, currencyIso, valueDate)

Returns a comma-separated list of contact party names found on posted GL lines. If a party has no name, its code is used as fallback.

Operational Notes

- Only posted account moves are included.
- The currency parameter is currently a transaction-currency filter, not an output currency selector.
- The VBA module caches results. Use 'ClearGLApiCache' after changing database data or SQL functions.
- Use 'CloseGLApiConnection' to force Excel to reopen the ODBC connection.
- Use 'RefreshGLApi' to clear the cache and calculate the active sheet.
- 'GetAccountContact' remains available so existing workbook formulas keep working.