

Accredo Version 7

An overview of new features and improvements in Version 7.

System Wide Features

Extended character set (Unicode) for selected fields - Te Reo support

- Add Unicode support to Accredo. Selected fields have been changed from String to UString (i.e. Unicode). This allows entering and storing a much wider range of characters e.g. macrons, accents, Chinese, Japanese and Korean character symbols.
- Unicode is a universal character encoding standard. This standard includes roughly 100,000 characters to represent characters of different languages. While ASCII uses only 1 byte Unicode uses 2 to 4 bytes to represent characters. Hence, it provides a very wide variety of encoding but at a cost in data size.
- Fields which are now Unicode: Customer & Creditor Names, Address 1 through 5, Product Detail (not Description), Contact Names, Company Name and Address fields. Note that the Domains for the fields have changed.
- TD also supports UString fields.

Support for Online Storage for Links and Images

- Whitelist environment variables under Company Settings - Misc tab e.g. OneDrive / GoogleDrive.
- Whitelisted environment variables are resolved in Link, Image and Export file paths. Selecting a file from a white listed path automatically replaces with the environment variable.
- Added ExpandEnvironmentVariables and ReplaceEnvironmentVariables MaxBasic script functions - see help for details.
- Use Private Links setting replaced by options for Links Folder: System, Company, Nominated folder. Nominated folder for default Links supports whitelisted environment variables.
- Use Private Images setting replaced by options for Images Folder: System, Company, Nominated folder. Nominated folder for default Images supports whitelisted environment variables.
- Important: When setting Nominated Links or Images folder ensure all users and the Web Service have access to the nominated folder if access to Links and Images is required.

Modern Authentication for Email

- Support for XOAuth2 authentication model for SMTP to allow Office 365 SMTP.
- Support for Microsoft 365 web to allow composing email using the Microsoft 365 Outlook web app.
- Company and User email settings updated for new Authentication options. Company settings can be enforced or User level selection permitted.
- Refer to the help for Company Mail Settings and User Email settings for more detail.
- Removed Mail Integration from View Preferences.

Bigger Buttons on Lookup and other Controls

- Buttons associated with controls e.g. on lookup controls, amounts etc. are now the same size as those in toolbars.
- Forms have been adjusted for the extra width taken up by the buttons.
- Custom forms may require similar adjustments.

Link and Memo replication through Workflow

- Added Invoicing, Order Entry and Purchase Order settings Misc tabs to control replication of Memos and Links on document workflow stages:
 - IN - Invoice from Quote
 - OE - Back Order from Order / Order from Quote / Invoice from Order
 - PO - Order from Request for Quote

Options are:

- Leave – the default no replication.
- Copy – create copies of the links / memos on the new document.
- Move – move the links / memos from the source document to the new document.

Lists

Transaction Lists

- Added SQL based Transaction lists under the Maintain tab in the Navigator for:
 - Accounts Receivable
 - Inventory Control
 - Cash Book
 - Accounts Payable
 - Fixed Assets
 - General Ledger
 - Job Costing

List Views

- Added Create List View wizard to SQL List forms. Get your list selected, filtered, sorted and grid customised as desired for a specific task then use Create List View to record that and add to the Navigator.
- List View shortcuts are automatically associated with the creating user and may be deleted by the user.
- List View permission under Company > Scripts controls access, no other scripting permission required.
- List view code is saved in a new ListViews sub folder in the Scripts folder with extension “.pfv”.
- With scripting and script shortcuts permissions list views can be loaded, edited and saved from script editor and shortcuts edited to make a ListView available to more users.
- Data Conversion grants ListView permission to User based on at least Read permission for Script Shortcuts.

Has Memos / Has Links

- Added calculated HasLinks and HasMemos fields to grids in SQL based Document, Transaction and Batch Lists. Those are the lists with an Auto Select check box.
- The new fields are visible by default in the new Transaction Lists and can be customised into other grids as required.

Clear sorting with a third click

- Sorting columns by clicking column header is now a three-way cycle: sort ascending, sort descending, clear sort (or revert to default sort if one is applied).

Deleted Documents and Batches excluded unless explicitly selected

- Display the current printer in print dialogs and allow printer selection from dropdown.
- Deleted documents are excluded in Document lists and Tabs with an explicit check box selection to include them. This means that History and Both Current and History selections exclude Deleted by default.
- Post Status selection for “All Batches” in Batch Lists for IC, JC and GL now excludes Deleted Batches, use the explicit Deleted selection to view deleted batches.

Printer selection for Reports

- The current Printer is now displayed on Report Selection and can be changed from the lookup without accessing Print Setup. The selected Printer is used for Destinations Screen and Printer and for Mail Message or Disk File when Format is Adobe PDF.

Code validation settings

- Default to restricting master file code valid characters to A-Z, 0-9 with settings on the Misc tab in module settings for permitted Special Characters and Allow Space.
- Currently for AR Customer, IC Product, AP Creditor and JC Job Codes only, validation applies to adding new codes only.
- Data conversion sets Module settings to match special characters and allow space per active codes.
- A report of existing codes which do not match current settings is available on the Misc tab in settings, this can be used as a starting point for an Alias Codes import file if you want to tidy existing codes up.

All Module improvements

- Accredo form titles / tab captions now indicate Document Class or Transaction Type.
- Alt+- while in Tabbed mode opens the context menu for the active tab.
- Save customisation for grids, toolbar buttons and custom tabs now groups users to select from as follows (subject to permissions): Global; Current User; Users or Groups with saved customisations; other Groups (and Roles for grid customisations); other Users.
- Added Drill Down button to Module Memo lists, User Memo list and Reminder List - drills down to the Account Code the memo is for.
- Memo Lists Type selection changed to a check list box.
- Memo Form - moved the Open Source button into the Form Toolbar.
- Batch Emails - Added Merge1 through Merge4 60 character Unicode “merge” fields to batch email grids and made these available in the Email Editor under a new Custom object. Values can be imported/exported into/from the grid.

Accounts Receivable

- AR Allocation form now defaults Period to Current Period for the module if System Period is later than current period to prevent accidental allocation in the wrong period.
- Added new setting for Receipt Discount to Credit Terms tab in AR Settings:
 - Receipt Discount Calculation:
Selected, (default) Discount will be calculated at the customers Discount % on the Net Receipt, it may then be adjusted.
Clear, Discount will not be calculated on Receipts but may be entered subject to user permissions.
 - Receipt Discount Allocation:
Selected, Discount for customers with Discount terms must be strictly allocated against available discount on debit transactions.
Clear, (default) discount allocation is not required.
- Add Default Order No Required AR setting applied to Inserting new Customers.

Inventory Control

IC Product Form

- The Suppliers/Bar Codes tab has been renamed as Supplemental tab.
- JC Transaction Type, JC Cost Centre and JC Component added to IC Product, available if JC is installed. If these are set, they are applied in JC transactions and document and batch lines with Job Codes when the product is selected – this overrides values in batch headers or document panels. The new fields are on the Supplemental tab.
- If the user permission for IC > Products > Tracking is set to None, the tracking group on the Product tab is hidden.

Components and Manufactures

- Added Links and Memos for IC Part headers (ICPARTHD) in Component Maintenance.
- Add Total Weight and Total Volume to IC Component Maintenance, with buttons on the toolbar to update Weight and Volume on the Manufactured Product from the totals.
- Add Weight and Volume / Extended Weight and Volume / Total Weight and Volume to IC Manufacture and other Batches.

- Component Of form is available from the Navigator with a Product Code selection, and is script enabled.

Tracking

- Added IC Setting to General tab for Generate Outward Tracking. Default is Selected, selection strongly recommended if Bin Tracking in Saturn is in use, so picking is directed.
- Added LastTransactionPeriod based Serial and Lot History Pruning so that history prunes in complete Lots and Serial Nos.

Invoicing System

- Added IC Store Person Code to IN Invoice header.
- Add Packing Slip Count to INHEAD for invoices generated from OE.
- Allow Default Job Code to be specified for Standing Invoices and Quotations.

Order Entry

- Add Consolidate Emails On and Consolidate Attachments settings and options for OE Email Confirmations.
- Add IC Store Person Code to OE Sales Orders.
- Added new Always Number on Generate setting for Order Entry:
Selected, (default and recommended) the next computer generated Packing slip number will be assigned on Generate Invoice if not assigned previously.
Clear, Packing slip numbers are not assigned on Generate Invoice (i.e. V6 and earlier behaviour).
Note: Selected on conversion from prior releases.
- Improve handling of Packing Slip Count on Processed Orders.

Accounts Payable

- Added Refresh to the AP Approvals grid to refresh loaded transactions for changes made since loading.
- Added Regenerate button to the AP Approvals form, available when not editing, returns to the Selection form with selections loaded.
- Add Consolidate Emails On and Consolidate Attachments settings and options for AP Email Shipments.
- AP Allocation forms defaults Period to Current Period for the module if System Period is later than current period to prevent accidental allocation in a future period.
- Added Period/Receipt Period/Invoice Period Names as available fields to AP Additional Costs layout.
- Ensure when IC Integration is set to Not Integrated AP shipments ignore IC Integration Basis.

Purchase Orders

- Added PO Setting - Allow Ordering Discontinued Products (default is unselected) and enforce the setting on Purchase Order entry.
- Add Consolidate Emails On and Consolidate Attachments settings and options for PO Email Purchase Orders.

Cash Book

- CB Bank Reconciliation added Show/Hide Reconciled Transactions toggle to the horizontal toolbar between the grids.
- Added Default Regime Code for Bank Accounts. If multiple Tax Regimes are used you can specify the Regime Code to default for CB Transactions for the account, regime code can still be changed at the transaction entry form.
- Include Statement ID and Reconciled indicator on CB Transaction Form.

General Ledger

- GL Budget Form added a Budget Code selection to Copy Budget Amounts dialog.

Financial Report Designer

- Added a Default Font selection to the GL Financial Report Wizard. The default font is loaded from and saved to Report Properties. Font sizes are calculated as the report is generated.
- Add LineNo to GL Iterators for simplified reference to a specific iterator.
- GL Financial Report Wizard In the Actual > Year menu added options for Full Year Balance, Full Year Balance Percent, Full Year Balance incl Adjustment and Full Year Balance Percent incl Adjustment.
- FormatNumber now supports terminating comma for format to Thousands. e.g. in a financial report format `$(,0,_)$(,0,)`

Job Costing

Job Persons

- Added Job Persons. A Job Person code can be assigned to a Job or a JC Batch.
- Users may have a default Job Person Code assigned.
- Job Person selection added to Job List and Transaction Batch List.
- Added Job Person Code as a Job analysis Type and Job selection.
- IN Quote and Standing Invoices for the Job are shown on the Documents tab.

Job Form

- Insert and Duplicate on JC Job now Prompt for Job Type. Matching methods have been added to form and data objects for scripting with the old Insert and Duplicate methods retained but deprecated (i.e. not documented but still functional for backward compatibility).
- Time Required (i.e. what time of day not how long) added alongside Date Required field.

Other

- Allow Default Job Code to be specified for Standing Invoices and Quotations.
- Allow PO Standing Orders to be linked to Standard Jobs and PO Requests for Quotation to be linked to Quote Jobs.
- JC Batch List is now SQL based with a Job Person selection.
- Job Name for Default Job Code is available to customise into AR Customer and AP Creditor Document tab grids, PO Order List, AP Shipment List and JC Batch List.

- Add OrderNo selection added to JC Job Invoicing form and to the Form and Data objects. Defaults from the selected Job and may be edited. OrderNo is passed to the generated invoice.

Special Pricing

- Added SP Rule List Form. SQL based list for reviewing rules. Rules may be opened in SP Rule Edit Form for edit using open details.

Sales Analysis

- IC Store Person added as an SA Analysis Level and Document selection.

Company

- Company Mail Settings updated with Web Mail settings and optionally centralised control for Compose, Send Batch and Send Mailer options.
- Add Tasks > Company > Enter Memos entry to Navigator for CO Memo Form. Form was already available via other paths.

Users

- Add an Add User to System button on Users, Groups and Roles form, enabled if Use Single Sign On is selected in Company Settings.
- Add optional Default Job Person Code to User Settings.
- Added buttons to CO User Form to Add User as Sales Person, Add User as Store Person and Add User as Job Person.
- User Email tab Mail Options for Compose, Send Batch and Send Mailer.

System

- Added Word Lookup to Company List, to locate Company by words in name.
- Added System > Prune Audit log option the System menu. Requires Write permission for the Audit Log. Only the ACCREDO system user will have that permission level following data conversion.
- Mail Feature Request and Mail Defect Report options under Help menu will cc your QSP if QSP email address has been entered under File >Licensee Details.

Email Editor

- Add Format Painter button to HTML Email Editor.
- Allow paste of embedded images.
- Added Paste as Plain Text (Ctrl+Shift+V) button and Context menu option to HTML email editors.
- HTML Source may be edited and saved in HTML Email editor.
- Clear Formatting and Clear Tags buttons in HTML editors detect selected text and only change formatting within selection. If nothing is selected, then entire document is used as selection.

Form Designer

- In FD Designer when you edit a memory table a new Upgrade button has been added. Clicking the button prompts for confirmation and will convert all non Unicode domains to the equivalent Unicode domain if one exists. E.g. Name -> Name U, Address Line 1 -> Address Line 1 U etc.
- Include detail of function parameters when a function is inserted from the Functions menu or when # is entered after a Function Name in code editors.
- Set working directory for FD and RD when form or report opened in designer by Shortcut > Open Source.

Table Designer

- Added a Toolbar to Custom tabs on forms where Accredo tables have been extended with TD. Shortcuts can be assigned to the toolbar.
- UpgradeTables function improved validation and non destructive by default.
UpgradeTable(TableName: String, TemplateName: String, [UpdateFields: Boolean, ReplaceSchema: Boolean])
Optional parameters not specified (or false) means:
From the template schema, add a new table or add fields to an existing table or add indexes to an existing table or make string fields bigger (all non-destructive operations).
UpdateFields = True means:
Change Field types and sizes to match the template schema - could lose or corrupt data.
ReplaceSchema = True means:
Make the old table match the template schema and best effort with copying data. i.e drop fields, indexes and change fields types and sizes.
- Prior version TD Custom tables can be loaded in Table Designer for upgrade to V7 if required. Registered Custom tables are upgraded automatically during V7 data conversion.

MaxBasic and Data Interchange

- Include detail of function parameters when a function is inserted from the Functions menu or when # is entered after a Function Name in code editors.
- Add explicit transaction type specific Insert methods to data level transaction objects (e.g. InsertReceipt, InsertJournal, InsertInvoice, InsertCredit for ARTransactionData) and deprecate the Insert method (i.e. no longer document but still allow for backward compatibility).
- Add support for Unicode script files. Default Encoding is now UTF8 with BOM. Saving a file that was loaded as Windows 1252 will retain the Windows 1252 encoding rather than changing to the default encoding.
- FormatNumber now supports terminating comma for format to Thousands.
- e.g. in a financial report format \$,0,_) ; (\$,0,)
- Added ConvertAscii function – refer Help for details.
- Add WasInserting property to data level masterfile objects.
- Added ActivePageName string property to Automated forms with Tabs.
- Added MaxBasic functions in Script group: LinkAccountFiles returns a string list of Tables that are Account files for Links. MemoAccountFiles returns a string list of Tables that are Account files for Memos.
- Add LinksPath and ImagesPath properties to the Company object.

New ScriptEvents

- Add events for COScriptEventForm: OnOpen OnClose BeforeSave AfterSave.
- Added AfterPrint event to INInvoiceData, OEOrderData, POOrderData and APShipmentsData objects. Note: AfterPrint event will automatically put the document in edit mode (if it can be edited). Any changes made to the document inside the event will not require an explicit save. Aborting inside the event will abort any changes made by the user, but not the actual print (which has already happened by this stage), and not the change of the PrintStatus.
- Added OnOpen events for IC > Update Prices forms:
 - IC Supplier Cost Update
 - IC Reprice from Components
 - IC Global Price Update
 - IC Price List Copy

Report Designers

- Version Incremented - Version 77.
- FormatNumber now supports terminating comma for format to Thousands.
- e.g. in a financial report format \$,0,_)(\$,0,)
- Report Writer Wizard / SQL Query Builder Wizard added new Selection Styles - FromEqualOrAll and ToEqualOrAll. Use as a pair where a single prompt is wanted for Between parameters in the query which if left blank will select From First to Last.
- Include detail of function parameters when a function is inserted from the Functions menu or when # is entered after a Function Name in code editors.
- Added optional URLExpression property to Picture Components. The image is clickable in pdf's if one is specified.
- Set working directory for Report designer when a report is opened in the designer via Shortcut > Open Source.
- Example documents updated.

Web Service

- Added FilterSort to Token Cache screen, applied clientside so filtering what is viewed not what is returned.
- Add LinksPath and ImagesPath properties to the Company object.

OLEDB / ODBC

- Unicode enable the ODBC & OLEDB Drivers.

Installation and Conversion

We recommend working with your Accredo QSP for upgrade and training.

While we make every effort for backward compatibility automation and customisations should be reviewed prior to upgrading if they are mission critical.

Preparation in old version

- Update to latest build of old version.
- Backup each company and system files.
- File recover each company – this provides a known file recovery state.
- Request Version 7 installation key.

Installation

- Install version 7 Server install over the previous version.

Conversion

- We recommend you use the 64-bit exes.
- Conversion will run from V7 for any version 3.2 or later, there is no need to install intervening releases.
- We are checking before data conversion in 32-bit client for conversion which may run out of memory and before file recovery and may require you to use the 64-bit exe.
- Running conversions is I/O bound, file recoveries use a lot of RAM. So SSD drive, run on the server so there is no network traffic and 64 bit exe is the best combination.
- **Ensure the Web Service is stopped before converting.**
- Open Accredo –system conversion occurs.
- Open and convert each company, note any warnings! Conversion is logged in the File Recovery log. Custom tables are converted first.
- Backup each company again after conversion before running file recovery, run a file recovery before doing anything further. Review any new errors and warnings.
- Review new settings and setting changes.
- Version 7 Web Service installed and started if used.

Table Designer

- Table Designer is excluded from All Modules recovery, it can be recovered separately.

Form Designer

- Open forms in the designer and save for automatic updates for domain changes.
- The domains associated with some fields have been changed to Unicode equivalents, memory tables may need updating.

Profax / Prophet / MYOB Converters

- These have been updated for V7.