

Application Functionality Matrix

Release 1
Qtr. 1 2016

Release 2
Qtr. 3 2016

Release 3
TBA

KEY SYSTEM BUSINESS PRINCIPLES

Event driven real time updating	●		
Single client account number for life	●		
Capture once and prepopulating	●		
Client single view	●		
Client entity associations	●		
Multi-Language Support	●		
Multi-Currency	●		
Multi-Accounting Methods	●		
Multi-Base Rates	●		
Multi-VAT/GST Rates	●		
Customisable contract/product types	●		
Value added products	●		
Email integration		●	
Fax integration		●	
General Ledger interface	●		
Image archive		●	

SERVER HOSTING

Central	●		
Distributed	●		

CLOUD

Cloud friendly	●		
Customer own hosting		●	
3rd Party hosting		●	
Bureau hosting		●	

SUPPORTED DEVICES

PC Workstation	●		
Laptop	●		
Mobile devices		●	

TECHNOLOGY

Web based	●		
C#, Resharper, Bootstrap, JScript, Infragistics, Visual Studio 2013	●		
SQL Database	●		
3-tier layer separation	●		
Multiple Windows Operating Systems, MVC, Entity Framework	●		
Web Services	●		
Access via Portals		●	
Object-Orientated Design Principles	●		

ACCOUNT TYPES

Loan Accounts			
• Vehicle and Asset Finance	●		
• Home Loans	●		
• Overdraft		●	
• Revolving Credit		●	
• Block Discounting			●
Transaction Accounts			
• Current		●	
• Savings		●	
Investment Accounts			
• Fixed Deposits			●
• Negotiable Certificate of Deposit			●
• Money Market			●
• Call			●

ACCOUNTING METHODS

Predebited Finance Charges			
• APR (Annual Periodic Rate)	●		
• NACM (Nominal Annual Compounded Monthly)	●		
• Fully Detailed Amortisations	●		
• Revolving Credit		●	
• Block Discounting			●
Daily Interest Accrual on Capital			
• Debit monthly on selected day		●	
• Fully Detailed Amortisations		●	

CALCULATIONS

APR (Annual Periodic Rate)			
• Weekly, Fortnightly, Monthly, Quarterly, Annual payments	●		
• With and without Balloon / Residual Value	●		
• Structured complex payment plans	●		
NACM (Nominal Annual Compounded Monthly)			
• Weekly, Fortnightly, Monthly, Quarterly, Annual payments	●		
• With and without Balloon / Residual Value	●		
• Structured complex payment plans	●		
1/12 Formula (HP Financial Calculator)			
• Weekly, Fortnightly, Monthly, Quarterly, Annual payments		●	
• With and without Balloon / Residual Value		●	

EARNINGS

APR (Annual Periodic Rate)			
• Per amortisation to income daily	●		
• Per amortisation to income monthly	●		
• Customer & Net Rate amortisations	●		

EARNINGS (Continued)			
NACM (Nominal Annual Compounded Monthly)			
• Per amortisation to income daily	●		
• Per amortisation to income monthly	●		
• Customer & Net Rate amortisations	●		
1/12 Formula (per USA)			
• Per amortisation to income monthly	●		
Rule of 78			
• Per amortisation to income monthly	●		

ARREAR INTEREST			
Calculation			
• On Arrears	●		
• On prepayments and arrears	●		
• Uses age date not process date	●		
• Positive and negative accruals	●		
• Arrear interest rate other than account rate	●		
Entries			
• Post manually (in terms of accrual)	●		
• Systematic per parameters	●		

AGE FRAMES & ARREARS			
Age Frames			
• Client customisable	●		
• Recalculate account age frame values on change	●		
Arrears			
• Daily calculation	●		
• Age date based	●		

CREATE & AMEND CLIENT DATA			
Create Client (New)			
• Capture unique client identifying data	●		
Client Search			
• By surname or business name	●		
• By client number	●		
• By identification or registration number	●		
Supplier Search			
• By business name	●		
• By client number	●		
• By registration number	●		

CREATE & AMEND CLIENT DATA (Continued)

Client Data (New/Amend)			
• Standing data	●		
• Addresses	●		
• Telephone numbers	●		
• ID documents (natural persons)	●		
• Registration documents (juristic persons)	●		
• Email addresses	●		
• Employment details (natural persons)	●		
• Associations / Entity Linking	●		
• Bank accounts	●		
• Internal exposure summary and detailed	●		
• Approved supplier	●		
• Securities		●	
• Documents held (images)		●	

ACCOUNT FUNCTIONS

Summary and Detailed Listings			
• By Currency	●		
• By Account Type	●		
Accounting			
• Statements	●		
• Amortisations - NET Rate	●		
• Amortisations - Customer Rate	●		
• Settlement calculations	●		
• Debit Orders	●		
• Value Added capitalised	●		
• Value Added Bolt-Ons	●		
• Termination procedures	●		
Financial Transactions			
• Journal entries	●		
• Payment RD	●		
• Payment Transfer	●		
• Payment Refund	●		
Restructure : Due Date			
• Include Arrears	●		
• Exclude Arrears	●		
• Include / Exclude Arrear Interest	●		
Restructure : Arrear Respread			
• Increase Instalments By Fixed Amount	●		
• Increase A Number Of Instalments	●		
• Increase Remaining Instalments	●		
• Increase Contract Period	●		
• Decrease Contract Period	●		
• Recalculate Contract	●		
• Include / Exclude Arrear Interest	●		

ACCOUNT FUNCTIONS (Continued)

Restructure : Prepayment			
• Decrease Instalments By Fixed Amount	●		
• Decrease A Number Of Instalments	●		
• Decrease Remaining Instalments	●		
• Decrease Contract Period	●		
• Recalculate Contract	●		
• Include / Exclude Arrear Interest	●		
Restructure : Capital Adjustment			
• Increase Instalments By Fixed Amount	●		
• Increase A Number Of Instalments	●		
• Increase Remaining Instalments	●		
• Increase Contract Period	●		
• Decrease Contract Period	●		
• Recalculate Contract	●		
• Include / Exclude Arrear Interest	●		
Restructure : DIC (Dealer Introductory Commission)			
• Increase DIC	●		
• Decrease DIC	●		
• Reverse DIC	●		
• Tiered Commissions	●		
Restructure : Account Reversal			
• Generate all reversing entries	●		
Restructure : Rate Change			
• Automated all accounts	●		
• Catch-up for late loading	●		
• Correct capture errors to Rate and Margin	●		
Goods			
• Main	●		
• Others	●		
Status Changes			
• Closed	●		
• Converted	●		
• Arrear Interest	●		
• Suspended Earnings	●		
• Legal	●		
• Write-Off	●		
• Settled	●		
• Repossession	●		
• Insurance Claim	●		
• Debt Review	●		

DIARY

Create and amend entries		●	
Follow-up alerts		●	
Performance monitoring			●

ACCOUNT OPENING & APPLICATION PROCESSING

ACCOUNT OPENING & APPLICATION PROCESSING			
Create New Application			
• Capture new client data	●		
• Pre-Populate existing client data	●		
Retrieve Existing Application			
• By surname or business name	●		
• By identification number	●		
• By client number	●		
• By application number	●		
Capture or Prepopulate Standing Data			
• Addresses	●		
• Contact Details	●		
• Telephone Numbers	●		
• Email Addresses	●		
• Identification Data	●		
• Goods, Agreement Type, Values, Terms, etc.	●		
Credit Clearances			
• Internal Exposure	●		
• External Exposure (Manual Capture)	●		
• Credit Reports (Manual Capture)	●		
• External Exposure (Electronic Links)		●	
• Credit Reports (Electronic Links)		●	
Credit Approval			
• Approval Terms	●		
• Verdict	●		
• Automated Scoring System			●
Invoices			
• Multiple Suppliers	●		
• Manual Invoices and Capture	●		
• Electronic Invoices and population			●
Calculations : APR (Annual Periodic Rate)			
• Weekly, Fortnightly, Monthly, Quarterly, Annual payments	●		
• With and without Balloon / Residual Value	●		
• Structured complex payment plans	●		
Calculations : NACM (Nominal Annual Compounded Monthly)			
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• With and without Balloon / Residual Value	●		
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Calculations : 1/12 Formula (HP Financial Calculator)			
• Weekly, Fortnightly, Monthly, Quarterly, Annual payments		●	
• With and without Balloon / Residual Value		●	
Documents			
• Dynamic			●
• Contract		●	
• Guarantees		●	
• Debit Order		●	
• Sundry Correspondence		●	

ACCOUNT OPENING & APPLICATION PROCESSING (Continued)

Pay Out			
• Supplier Settlement Journals	●		
• Supplier EFT Payment		●	
Account Load			
• Automated	●		

BATCH TYPE FUNCTIONS

Transactions			
• General Ledger Interface	●		
• Internal Entries	●		
• External Entries	●		
Debit Orders			
• Credit Client Account	●		
• Debit the Debit Order Suspense Account	●		
• On-Us / Off-Us Debits	●		
• Variable Lead Times by Bank	●		
• Single and Consolidated Debits by Client	●		
• Interface Files	●		
Statements			
• Client selected production dates	●		
• Print and Post	●		
• Email	●		
• Facsimile	●		
Rate Changes			
• Schedule and Run	●		
• Rate change advices print and post	●		
• Rate change advices Email	●		
• Rate change advices Facsimile	●		
• Reverse	●		
Earnings			
• Daily and monthly General Ledger postings	●		
Arrear Interest			
• Automated account debits	●		
Customer Correspondence			
• Print and Post	●		
• Email	●		
• Facsimile			●
• SMS			●
Arrear Processing			
• Daily Ageing	●		
• Workflow		●	
Workflow			
• Daily Integration		●	
• Application Processing	●		
• Account Processing		●	
• Arrear Processing		●	
• Performance Management		●	

BATCH TYPE FUNCTIONS (Continued)

Reporting

• Audit Trail	•		
• Statutory	•		
• Customer		•	
• Internal		•	