

B4Bv6.3.x











B4B What's New: issued: January 2018 based on software V6.3.x

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Locations

Australia

Sydney (Head Office)	Brisbane	Melbourne	Perth
Level 16	Level 7	Level 6	Suite 5
124 Walker Street	102 Adelaide Street	500 Collins Street	56 Kings Park Road
North Sydney	Brisbane	Melbourne	West Perth
New South Wales	Queensland 4000	Victoria 3000	Western Australia
2060			6005
T: (+612) 9919 8900	T: (+617) 3018 2400	T: (+613) 9613 0205	T: (+618) 6267 7000

eService Customer Portal: www.pa.com.au/eService Website: www.pa.com.au Email: info@pa.com.au

United Kingdom

5th Floor 201 Great Portland Street London W1W 5AB T:+44 (0) 207 268 9800 Support: +44 (0) 207 268 9802

eService Customer Portal: www.professionaladvantage.co.uk/eService Website: www.professionaladvantage.co.uk Email: info_uk@professionaladvantage.co.uk and support_uk@professionaladvantage.co.uk

North America

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Website: www.profad.com



Overview

B4Bv6 is a complete rework using the latest technologies to future proof the software and give a fresh new look and feel, as well as some key functional enhancements.

This release includes both a rich client or desktop version as well as a web interface to facilitate deployment via a browser.

Functional Enhancements introduced in B4Bv6 include, but are not limited to:

- New look and feel The rewrite of B4B has included a redesign of the user interface giving the user a clean & fresh application.
- Improved payment validation and processing The Validate Payments function now sources data from the B4B payment table which is automatically populated from the SunSystems Payment Run.
- Web Portal B4B can now be deployed through a Web interface for cloud based installations
- Reporting A new and powerful report designer is included with B4Bv6 to facilitate the creation of customised payment and error reports and remittance templates.
- B4B Service A new service to facilitate the automated import of bank details from either a JSON file or from a database view.
- Remittances Full remittance capabilities including remittance template design, managed email batching, archiving and reporting.
- Grids Static data is held in grids which can be sorted, grouped and printed.
- Functional Security The standard System Setup functions are now applied to B4B allowing the use of Functional Security to control user access within the application.
- Windows Authentication B4B now has true Windows authentication as well as named user authentication.
- Format Parameters stored at Business Unit level
- Ability to install formats separately
- B4B Importer A new spreadsheet based tool to replace Transfer Manager to facilitate the import and export of bank details.
- Transfer Mapping Automatic export of bank details to the SunSystems Bank Details table via a new mappings function. Where mappings have been defined, synchronisation is automatic on insert or update or approve if the approvals module has been enabled.
- Impersonation Credentials to allow added security on the designated output folder(s).



What's New in B4Bv6.3.x

The release of B4Bv6.3 introduces some new core functionality as follows;

Functional Security

The Functional Security options in System Setup have been expanded to include the control of access to the new remittance functions.

System Setup for B4B
Ele Help .
Use Explorer View Use Grid View
Connected to Microsoft SQL Server – Server: NUR#BQA01 Database: SurSystemsDomain (Internal SurSystems Version Identifier: 521) PA Authentication Server v6.0.1.0

The remittance functions that are controlled via System Setup >> Functional Security are;

Email Templates	Maintenance of email messages to be used when processing remittances.
Remittance History	Log of remittance batches that have been processed.
Remittance Options code.	Maintenance of remittance setup parameters per business unit and profile
Remittance Process	Function to preview and process remittances.

All remittance functions are web enabled and access control is at a global, individual user or user group level in Functional Security.

Impersonation Credentials

The impersonation credentials function allows the assignment of an administrative or service account to be used at the file creation stage. This allows additional security to be applied to the designated output folder(s) so that only the impersonated account has modify permissions to write files to the output folder whereas all users are restricted to read only permissions.

Reports

The reporting engine has been expanded to include a new report folder for remittance reports. The reports maintained under the Remittance Report folder will include the remittance templates to be used at runtime and the account and email report. Note that as this is a new reporting module there is no migration of remittance reports from previous versions of eRemit.



Remittances

B4Bv6.3 now includes remittance functionality to email a customisable remittance document to the beneficiaries to notify them of payments that have been made. Remittance functionality in this release of B4B mirrors the capabilities of eRemit v6.1.4.0.

B4B Service

The B4B Service has been developed to facilitate the automatic import of reference data from an external source into the B4B database tables. This caters for the import of Target and Own Bank Details.

The automatic import of bank details can be from a JSON file or directly from the SQL database with source data being selected by a SQL view.

Approval Control

The "Exempt Transfer" label on the approval control function has been changed to "Ignore Imported" to make it clearer to the end user. Checking the Ignore Imported tick box will bypass the approval workflow when importing bank details via Importer or the B4B Service. If this checkbox is unticked, then all bank details imported to B4B will be subject to approval

Installation

The installation of B4Bv6 now allows formats to be installed without having to run the main application installer again. In previous versions of B4B, the addition of a new format or update of an existing format required a complete re-installation of the software. This resulted in numerous software releases due to format additions or amendments.

In B4Bv6, the installation of formats is maintained within the Administration functions. A format is issued as a zipped file package which contains all the necessary files. Thus, a new format or upgraded format can be simply added to the existing application eliminating the need for a new installation and associated change control.

848				B4B					x
File Help	-								
Processing Maintenance Administration									_
Setup Options Approval Settings Business Unit Settings Email Setup Group Maintenance Impersonation Credentials Password Parameters Reports Transfer Mapping User Setup Install Formats	Format Code	nstall Delete			Close				
Install Labels and Messages					1.000 (4.92)				_
Install Validation Routines	Format Type Payment	Format 3.0.1.0	Version	Format Code AIBCT	Format Na	me Currency Bulk Payments ISO200	Table Version		
		•			s and versio I Formats g				
Admin - Admin PK1 - PK1 WORLDWIDE 00	09/2005 AIBCT - A	AIB Multi Currency Bu	lk Payments ISO	20022 XML Format	Connected to Microsoft S	SQL Server: UKB4BQA01 Database	: SunSystemsDom	ain	



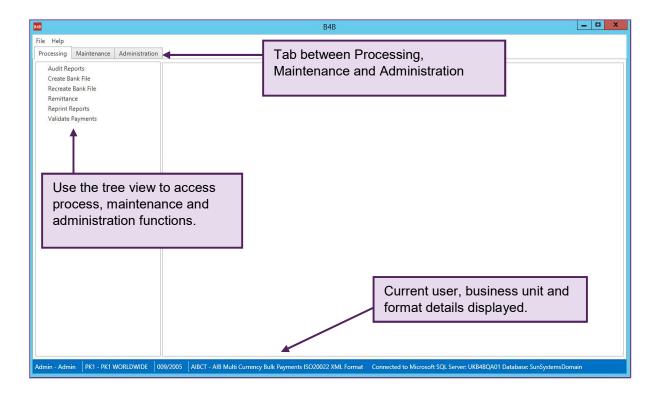
The Install Formats function also displays the current Format Version and Table Version that has been installed.

Format Type	Format Version	Format Code	Format Name	Table Version
Payment	1.0.3.3	EUSCT	European Sepa Credit Transfer Payments	27
Payment	1.0.2.4	UKCBM	Businessmaster International	4
Payment	1.0.0.0	UKCHN	HSBC Net Priority Payments MT103 format	10
Payment	1.0.0.4	UKLBM	Barclays.Net UK 3 Day and UK Faster/Next Day Pa	8
Payment	1.0.0.3	UKLHN	HSBC Net Local Payments	8
Payment	1.0.2.5	UKMRB	RBS Bankline International Banking	19

The grid can be printed if required for support purposes.

User Interface

The user interface in B4B has been completely redesigned in line with the other Professional Advantage Cash Management solutions.





The B4B functions are divided into functional areas as follows;

Administration	Processing	Maintenance
 Setup Options Approval Settings Business Unit Settings Email Setup Group Maintenance Impersonation Credentials Password Parameters Reports Transfer Mapping User Setup 	 Audit Reports Create Bank File Recreate Bank File Remittance Reprint Reports Validate Payments 	 Auxiliary Functions Email Templates Extract Mappings Format Parameters Log File Own Bank Remittance History Remittance Options Sundry Target Bank Target Bank
 System Setup Install Formats Install Labels and Messages Install Validation Routines 		

Note: Access the Administration Options are controlled by Functional Security in System Setup and can be granted to named users thus allowing an administrator access to all functions with one login. There is no default SUPER user in B4Bv6 and administration of the application must be performed by a named user who has permission to access the administration options via Functional Security.

Navigation

The user interface B4Bv6 has been completely redesigned, making it easy to move around the application and to access the screens. The tab format allows you to quickly access and move between the required functions.

Approval Settings × Business Unit Settings × Email Setup × Group Maintenance × Impersonation Credentials × Password Parameters × Reports × Transfer Mapping × User Setup ×

As part of the new user interface and within each of the screens, clearly marked and defined icons make it easy to navigate through the task at hand.

User O	ptions										
		-						Res -			×
New	Save	Car	ncel	Previou	15	Next	Print Grid	Set Passw	ord L	og off	Close
Group	Mainte	enanc	e								
					目	3					×
Edit Groups	Previous	Next		New	Save	Cancel	Delete	Previous	Next	Print Grid	Close
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Validate Pa	yments					
Ċ			\otimes		Ċ	×
Validate Payments	Save For Format Processing	Remove Selected Lines	Remove Payment Run from B4B	Report	Refresh	Close

Grids

Static data functions include form display for data maintenance and grid view where the data can be grouped and sorted by any column in the grid.

The example below shows the current named B4B users grouped by User Group.

949	B4B	- 0 X
File Help		
Processing Maintenance Administration		
Processing Maintenance Administration Setup Options Approval Settings Business Unit Settings Email Setup Group Maintenance Impersonation Credentials Password Parameters Reports Transfer Mapping User Setup Install Formats Install Labels and Messages Install Validation Routines	User Setup × Image: Same and the set of the s	^
	Group: BANK	
	Group: PAY	
	¢	``
Admin - Admin PK1 - PK1 WORLDWIDE 009	19/2005 AIBCT - AIB Multi Currency Bulk Payments ISO20022 XML Format Connected to Microsoft SQL Server: UKB48QA01 Database: SunSystemsDomain	

3				B4B				
ile Help								
Processing Maintenance Administration								
 Setup Options Approval Settings Business Unit Settings Email Setup Group Maintenance Impersonation Credentials Password Parameters Reports Transfer Mapping User Setup Install Formats Install Formats Install Validation Routines 	Approval		Nect Nect Email Required Approval Email Default Reply Email	Print Grid Close		Printing	g of grid c	data
	Required Business Unit	Business Unit Name	Update and approve	Reason For Change	Send Email To Approver	Exclude Transferred Records from Approval	Approver Email Address	Default Reply To Address
	Approval Uncheck Required:	ed	opprove	enunge	To Approver	Records non Approva	citor Address	Audicia
	Approval Checked Required:							
	PK1	PK1 WORLDWIDE		Mandatory		×		

This example shows the Approval Settings grouped by Approval Required.

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The grid can then be printed giving a report of the data as per the grouping and sorting that has been applied.

Visibility

The following screen shot is taken from the Group Maintenance function. In B4Bv5, Group and Format permissions were split across two screens. This, combined with no reporting function, resulted in a lack of visibility over the current permission settings that had been defined.

In B4Bv6, the Group Maintenance function includes the Company and Format permissions on one screen giving the administrator a clear view of the current combinations. Further to this, the grids can be printed and there is a Group Maintenance report.

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File Help			
Processing Maintenance Administration			
Processing Maintennic Amministration Setup Option Approval Settings Buriness Und Settings Buriness Und Settings Email Setup Group Maintenance Imperconductor Credentials Password Parameters Reports Transfer Mapping User Setup Install Labels and Mensages Install Validation Routines Install Validation Routines Install Validation Routines		Image: Solution of the second of the seco	Â
		Format Code AIBCT V AIB Multi Currency Bulk Payments ISO20022 XML Format	
		Own Bank Details Target Bank Details Bank File Setup Parameters Auxiliary Data View View View Create View Auxiliary Maintenance V Update Update Re-Create Update View Auxiliary Maintenance V Detete Detete Transfer V	
Admin - Admin PK1 - PK1 WORLDWIDE 0	9/2005 AIBCT - AIB Multi Currency Bulk Pe	ABCT AND Multi Currency Bulk Payments. Group and Format permissions	n Bank Vie



In this example, the current Business Unit settings can be quickly and easily viewed and compared in the grid.

848					34B				_ 0 X
File Help									
Processing Maintenance Administration									
Setup Options Approval Settings Business Unit Settings Email Setup Group Maintenance Impersonation Credentials Password Parameters Reports Trantfer Mapping User Setup Instalf Formats	Business Unit Settings × New Save Business Unit Allow Secondary Match Account Codes	hing	PK1 Reference 81900	Print Grid Close Print Grid VORL	DWIDE	Length 15	5		
Install Labels and Messages Install Validation Routines	Validation Error Repor Validation Detail Repo Last Audit Reference U Extract Set Processing	rt Definition Ised	Payment Errors Payment Details			uni Da			
					Drag a column h	ader here to group by that colur	nn		
	Business Unit	Business Unit Name	Last Audit Reference Used	Extra Proce		Allow Sundry Payments	Sundry Bank Code Location	Error Report Definition	Last Updated
	PK1	PK1 WORLDWIDE		0		\checkmark	Reference	Payment Errors	12/12/2017 ^
	PK2	PK2 WORLDWIDE		0				Payment Errors	12/12/2017
Admin - Admin PK1 - PK1 WORLDWIDE 0									×

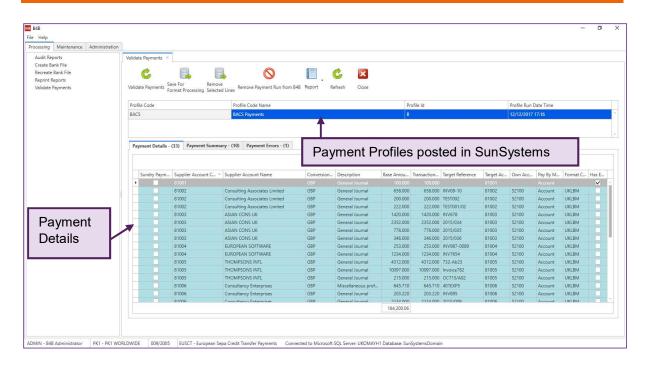
Validate Payments

The Validate Payments process sees some major changes in functionality and visibility giving the user a clear representation of the payments posted in SunSystems and how they will be processed by B4B on the same grid.

When the Payment Run is posted in SunSystems the payment data is automatically copied from the SunSystems Payment Table to the B4B Payment Table thus eliminating the risk of overwriting the SunSystems payment batch with a subsequent Payment Run.

Payments are batched by the Profile Code and on selecting the Profile Code in the top pane the payments can be validated and the details reviewed prior to saving the payments for format processing i.e. inclusion in a bank file.





Only valid payments can be saved for format processing. Payments that are saved for format processing are removed from the Validate Payments grids and will be made available on the Create Bank File grid for the mapped format(s) for inclusion in the bank file.

Rejected payments will remain on the Validate Payments grid until they are corrected and saved for format processing or marked as processed.

Transactions in a payment/debit run that are rejected by the Validate Payments function or marked as processed will not be saved for format processing and so not included in a bank file however, these payments will have been posted in SunSystems and must therefore be dealt with accordingly either by means of a payment reversal within SunSystems or by processing a manual payment.

Valid Company Settings, Format Parameters, Extract Mappings, Own Bank Details and Target Bank Details must be available before the process can be run.

Payment Details Grid

The payment Details grid displays the source payment data as posted in SunSystems for the currently selected payment profile.

			Drag	a column header here to	group by that co	lumn						
Sundry Paym	Supplier Account C +	Supplier Account Name	Conversion	Description	Base Amou	Transaction	Target Reference	Target Ac	Own Acc	Pay By M	Format C	Has E.
												~
	81002	Consulting Associates Limited	GBP	General Journal	658.000	658.000	INV09-10	81002	52100	Account	UKLBM	
	81002	Consulting Associates Limited	GBP	General Journal	200.000	200.000	TEST002	81002	52100	Account	UKLBM	
	81002	Consulting Associates Limited	GBP	General Journal	222.000	222.000	TEST001/02	81002	52100	Account	UKLBM	
	81003	ASIAN CONS UK	GBP	General Journal	1420.000	1420.000	INV678	81003	52100	Account	UKLBM	
	81003	ASIAN CONS UK	GBP	General Journal	2352.000	2352.000	2015/034	81003	52100	Account	UKLBM	
	81003	ASIAN CONS UK	GBP	General Journal	776.000	776.000	2015/035	81003	52100	Account	UKLBM	
	81003	ASIAN CONS UK	GBP	General Journal	346.000	346.000	2015/036	81003	52100	Account	UKLBM	
	81004	EUROPEAN SOFTWARE	GBP	General Journal	253.000	253.000	INV987-0089	81004	52100	Account	UKLBM	
	81004	EUROPEAN SOFTWARE	GBP	General Journal	1234.000	1234.000	INV7654	81004	52100	Account	UKLBM	
	81005	THOMPSONS INTL	GBP	General Journal	4312.000	4312.000	732-Ab23	81005	52100	Account	UKLBM	
	81005	THOMPSONS INTL	GBP	General Journal	10097.000	10097.000	Invoice782	81005	52100	Account	UKLBM	
	81005	THOMPSONS INTL	GBP	General Journal	215.000	215.000	OCT15/A02	81005	52100	Account	UKLBM	
	81006	Consultancy Enterprises	GBP	Miscellaneous prof	645.710	645.710	401EXP5	81006	52100	Account	UKLBM	
	81006	Consultancy Enterprises	GBP	General Journal	203.220	203.220	INV895	81006	52100	Account	UKLBM	
	81006	Consultancy Enterprises	GRD	General Journal	2134.000	213/ 000	2015/000	81006	52100	Account	LIKIRM	

This grid details valid and erroneous payments indicated by the "Has Errors" column and highlighted in different colours.



Payment Summary Grid

The payment summary grid displays how the payments will be processed by B4B and saved for format processing.

Supplier Account Code	Supplier Account Name	Conversion Code	Base Amou	Transaction A	Payment Reference	Target Bank Account Code	Pay From Bank Account	Pay By Method	Format Code	Has Error
81001		GBP	100.000	100.000		81001		Account		~
81002	Consulting Associates Limited	GBP	1080.000	1080.000	INV09-10 / TEST001/02 / TEST002	81002	52100	Account	UKLBM	
81003	ASIAN CONS UK	GBP	4894.000	4894.000	2015/034 / 2015/035 / 2015/036 / INV678	81003	52100	Account	UKLBM	
81004	EUROPEAN SOFTWARE	GBP	1487.000	1487.000	INV7654 / INV987-0089	81004	52100	Account	UKLBM	
81005	THOMPSONS INTL	GBP	14624.000	14624.000	732-Ab23 / Invoice782 / OCT15/A02	81005	52100	Account	UKLBM	
81006	Consultancy Enterprises	GBP	4409.930	4409.930	2015/009 / 401EXP5 / INV895 / INV976 / INV977	81006	52100	Account	UKLBM	
81007	Pattison & Partners	GBP	27571.310	27571.310	2015-009 / INV209348 / INV5868 / X001/12	81007	52100	Account	UKLBM	
81008	Steadman PC Ltd	GBP	6395.710	6395.710	INV1509-1 / INV208357 / INV208358 / INV21345	81008	52100	Account	UKLBM	
81009	Froggit & Jones	GBP	27638.110	27638.110	ABC09/009 / ABC09/010 / INV1242 / INV975	81009	52100	Account	UKLBM	
81010	Teleford Communications	GBP	96000.000	96000.000	403TELE001 / 404TELE001 / 405TELE001	81010	52100	Account	UKLBM	

This grid details valid and erroneous payments indicated by the "Has Errors" column and highlighted in different colours.

Payment Errors Grid

The payment errors grid displays those payments that have been rejected by the validation process and details the nature of the rejection.

Payment Details - (33)	Payment Summary - (10)	Payment Errors - (1)							
				Drag a column header here to group by	that column				
rror Message		*	Supplier Account Code	Supplier Account Name	Target Bank Account Code	Payment Amo	Conversion Code	Format Code	Pay From Bank Account
Target Bank Account De	tails Awaiting Approval		81001	Sivance	81001	100.000	GBP	UKLBM	52100

Any errors (bank details missing, bank details pending approval, currency mismatch, etc.) should be investigated and corrected before continuing and saving the payments for format processing to ensure all payments posted by the Payment Run are included in the bank file.



Format Parameters

The Format Parameters in B4Bv5 were specific to the format and applied to all business units. This caused problems where the same format was enabled across multiple business units but different output folders were required for each business unit.

In B4Bv6 this problem has been addressed by making the Format Parameters specific to the business unit. Therefore, Format Parameters must now be configured for all business units in use rather than just once per format.

84B					- a ×
File Help					- D X
	arameters ×				
Country	arameters				
Currency	la 🛛 🔁				
Extract Mappings Format Parameters	Cancel Close				
Log File					
	ut Directory C:\Temp\BankFi				
Target Bank	Reference Loca	ion Start Position	Length		
B4B	Reference Reference	•	30 🗘		
		- 0.2			
			0.		
	Minimum	Maximum			
Thre	holds	0 0 0 0			
Audi	Reference Next numeric fo	the business unit			
Payn	ent Report EUSCT-CBF		Eor	mat specific payment report	
	se Audit Reference			mat op como paymont op ort	
	uto Generate Report				
MA	uto Save Report	New contro			
			013		
ADMIN - B4B Administrator PK1 - PK1 WORLDWIDE	009/2005 EUSCT - Europea	n Sepa Credit Transfer Payments C	onnected to Microsoft SQL S	erver: UKOMAYH1 Database: SunSystemsDomain	

The new Format Parameters function also has additional controls around the bank file Payment Report in that the standard or a custom report can be specified per business unit \ format combination.

Further to this there are parameters to control the creation and saving of the Payment Report.

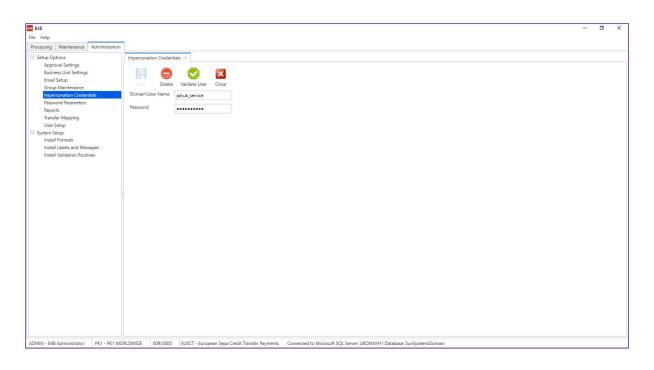


Impersonation Credentials

When creating the bank file in the output directory defined on the Format Parameters it is the current Windows User account that is used during the file creation. This requires the current Windows User who is running the Create Bank File function to have modify permissions on the designated output folder.

To address this a new function has been added to the Administration options in B4B to specify a domain service account or administrative account to be used during the file creation. This then allows tighter security to be applied to the designated output folder as only the specified impersonated account will require modify permissions with all other users being restricted to read only permissions.

In the screen shot below a service account has been defined in the Impersonation Credentials function so whenever a file is created from B4B regardless of business unit or format the service account will be used for the action of file creation.

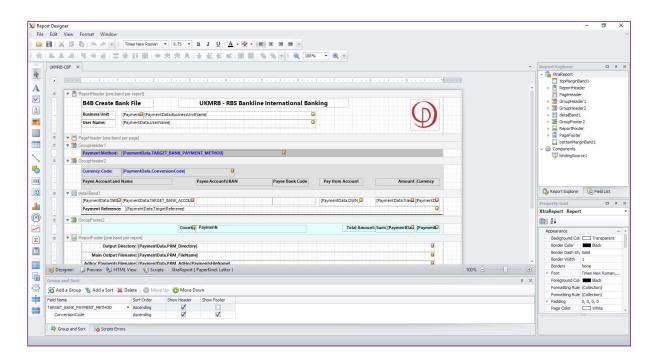




Reporting

Reporting in B4Bv5 was always limited to the standard reports that were hard coded into the core module or formats.

B4Bv6 includes a powerful and flexible report designer that allows creation of new reports and customisation of the standard reports that are supplied with the software.



A number of standard reports are shipped with the application;

Payment Details - Validate Payments report showing valid payments

Payment Errors - Validate Payments report showing rejected payments

Payment Reports - Format specific Create Bank File report detailing payments included in the bank file

Remittance Reports - A set of generic remittance and collection reports to be used as a default template ready for customisation for each client.

A Group Maintenance report is also included with the core application however this is a pre-set report that cannot be amended in Report Designer. Future releases of B4B will see additional reports being included. Further to the reporting module the grids can be printed at any time as described in an earlier section of this document.



Remittances

B4Bv6.3 now includes native remittance functionality to allow you to create a remittance and email this directly to the beneficiary to notify them of the payment that has been made.

Access to the remittance functions is controlled via System Setup >> Functional Security at a system, group and \ or business unit level.

All remittance functions are available in the desktop and web versions and are as follows;

Maintenance >> Remittance Options

The remittance options are the setup parameters for each business unit and payment profile. A default set of options can be defined using the blank profile which will then be applied to all payment profiles. Overrides can then be set at an individual profile level if required.

Procession Maintenance Administration Constrip: Constrip: Constrip: Constrip: Constrip: Constrip: Constrip: Constrip: Ental Temptates Constrip: Constrip: Constrip: Standy Kappings: Ental From Capion Constrip: Constrip: Standy Kappings: Ental Kong Constrip: Constrip: Constrip: Standy Kappings: Ental Kong Constrip: Constrip: Constrip: Standy Kappings: Constrip: Constrip: Constrip: Default final Constrip: Constrip: Constrip: Constrip: C		B48	- 0
Country Currency Email Templates Entract Mappings Format Farameters Log File Oom Back Remittance Options M Femail From Caption Target Bank Target Bank	: Help		
Currency Email Templates Estrat Mappings Format Nammeters Lig File Own Bank Remittance Options Study Target Bank Target Bank Target Bank Target Bank Currency Email From Address Enval Form Address Enval Form Address Enval Subject Enval Subject Enval Subject Debuto Report Implemittance Creditor Report Implemittance I	rocessing Maintenance Administration		
Remittance Hildory Email Pinting Run from Command Line Our Address Standy Target Bank Email From Caption Accounts Rayable at myCompany III Always email to CC and BCC (if specified) even when printing or faxing the remittance Target Bank Email From Caption Accounts Rayable at myCompany III Always email to CC and BCC (if specified) even when printing or faxing the remittance Target Bank Email From Caption Accounts Rayable at myCompany III Always email to CC and BCC (if specified) even when printing or faxing the remittance Email Subject Notification of payment from myCompany III Allow Analysis Code descriptions Deduct Email Subject Notification of payment from myCompany III Allow Analysis Code descriptions Deduct Email Subject Notification of payment from myCompany III Allow Analysis Code descriptions Deduct Email Subject myRemittance III Allow Analysis Code descriptions Creditor Report myRemittance III Targetoin_Data_Tr. Accounding Debtor Report myRemittance III Targetoin_Data_Tr. Accounding Creditor Email address field Email IIII Targetoin_Data_Tr. Accounding Debtor Report IIII Targetoin_Data_Tr. IIIII Targetoin_Data_Tr. IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	Currency Email Templates Extract Mappings Format Parameters Log File	Image: Save Cancel Delete Perform Next Close	
Remittance Image: Solution Sundry Target Bank Email From Caption Accounts Payable at myCompany If Always email to CC and BCC (if specified) even when printing or faxing the remittance Target Bank Email Subject Notification of payment from myCompany If Always email to CC and BCC (if specified) even when printing or faxing the remittance Email Subject Notification of payment from myCompany If Always email to CC and BCC (if specified) even when printing or faxing the remittance Default Email Template Code DEFAULT If Always email to CC and BCC (if specified) even when printing or faxing the remittance Box Default Email Template Code DEFAULT If Always email to CC and BCC (if specified) even when printing or faxing the remittance Box Default Email Template Code DEFAULT If Always email to CC and BCC (if specified) even when printing or faxing the remittance Box Default Email Template Code DEFAULT If Show Discounting Box Default Email Template Code If Show Discounding Creditor Report myRemittance If Transaction_Date_The With Accending Creditor Email address field Email If Transaction_Date_The With Accending Debtor Email address field Email If Then by If Then by Structure Structure Structure Structure		Email Drinting Run from Command Lina Dur Addrase	
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		Since of the second s	
n - Admin PK1 - PK1 WORLDWIDE 009/2005 AIRCT - AIB Multi Currency Bulk Payments ISO20022 XML Format Connected to Microsoft SQL Server. UK048QA01 Database: SunSystemsDomain			

Creditor and Debtor reports (or the remittance templates) and the Account and Email report are defined in the Administration >> Reports function and Email Templates (or remittance messages) are defined in the Email Templates function.



Maintenance >> Email Templates

The email templates function allows you to create any number of messages to be used in the email body at runtime to save having to key in a message for each batch of remittances. A default message is selected on the Remittance Options which can then be changed at runtime.

948		B4B	- 0 X
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Processing Maintenance Administration			
Country	Email Templates ×		
Currency			
Email Templates Extract Mappings			
Format Parameters	New Save Cancel	Delete Previous Next Close	
Log File	Email Template Code	DEFAULT	
Own Bank Remittance History			
Remittance Options	Message	We have recently arranged settlement of your outstanding items via an electronic payment to your nominated bank account. Please see attached remittance for full details of this payment and please allow up to three days for funds to clear to you account.	
Sundry Target Bank		Contact our accounts payable team at accounts@myCompany.com should you have any queries with this payment.	
Target Bank		Drag a column header here to group by that column	
	Email Template Code	Message	
		We have recently arranged settlement of your outstanding items via an electronic payment to your nominated bank account. Please see attached remittance for full details of this payment and please allow up to three days for funds to clear to you account.	
	DEFAULT	Contact our accounts payable team at accounts@myCompany.com should you have any queries with this payment. Kind regards	
		Accounts Payable	
		myCompany	
			~
		Connected to Microsoft SOL Senser HKR4R0A01 Database SunSectameDomain	

Processing >> Remittance

The processing function allows you to preview, print, report and send emails.

Batches of payments are immediately available to the remittance function when posting the payment run in SunSystems. Clicking on a payment profile in the top pane will detail all payments in the batch in the lower pane and set all defaults based on the remittance options defined for that profile.

In the lower pane all payments or individual payment can be selected for processing and the batch can then be previewed. The Account and Email Report can be run to review the payment summary and email addresses for each creditor to ensure the data is complete and accurate.

To process the batch simply hit Send Email or Print.

Send Email will build the remittance document based on the template defined in Remittance Options for the current profile and attach the document to an email for each payment in the batch.

Print will build the remittance document based on the template defined in Remittance Options for the current profile send the batch to the default printer.



Remittance ×			
		¢ X	
Send Email Print	Preview Account and Email Report Mark as processed Refr	esh Reference Data Close	
From 11/13/2017	To 12/13/2017 V All Apply Criteria Show sent	Remittances File Format PDF	
		Drag a column header here to group by that column	
Profile Indicator	Profile Code	Profile Description	Payment Run Date
▶ B	BACS	BACS Forced Bank Payments	12/7/2017 1:48:30 PM
Accou	nt Code	Drag a column header here to group by that column Account Name	Amount
► ✓ 81001			1.500
81001		European Consultancy Agency	1,500
Always CC			
Always BCC			
-			
Email From Caption	Accounts Payable at myCompany		
Email From Address	ap@mycompany.com		
Subject	Notification of payment from myCompany		
Email Template Code	DEFAULT		
Message			

Once a batch has been processed it is archived. Remittances can be resent or reprinted from the archive at any time.

Maintenance >> Remittance History

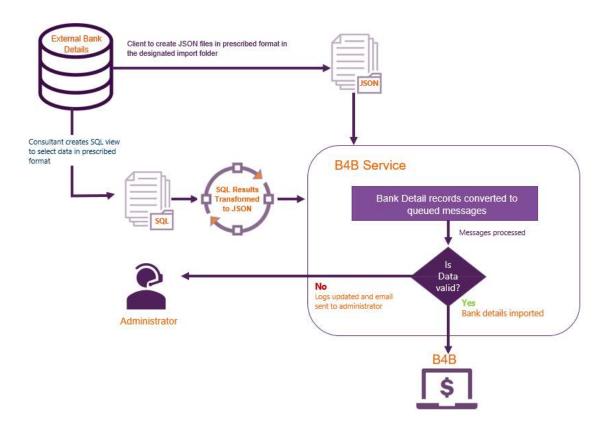
The history function shows a log of all remittance batches that have been processed.



B4B Service

The B4B Service has been developed to facilitate the automatic import of reference data from an external source into the B4B database tables. This caters for the import of Target and Own Bank Details.

The automatic import of bank details can be from a JSON file or directly from the SQL database with source data being selected by a SQL view.





B4B Importer

B4B Importer is new in this version. This spreadsheet based application is installed by default with the main B4Bv6 application and replaces Transfer Manager used in B4Bv5.

B4B Importer facilitates the simple and direct import and export of bank details (Own and Target) to and from the B4B database eliminating the need to create transfer profiles.

The Company (Business Unit), Format and Object (Own Bank or Target Bank) are selected and the data can then be fetched from the database, the data validated in the worksheet and the data updated in the database.

ject Target Bank	n Sepa Credit Transf		Fetch Validate	Update Abo	ut	Simple	export,	validate and im	port functions	
. ▼ × ~	Source Comp	c	D	5		G	н		1	
Source Company	Account Ref	Bank Id	1000	Start Date	Close Date	Extract Currency	Pay By Type	Account Name	Account IBAN	Accou
SOURCE COMPANY	-		LAST UPDATE			EXTRACT CURRENCY		ACCOUNT NAME	ACCOUNT IBAN	ACCO
MYC	A0111510	EUR	20150630	0		EUR	0	DANGERFIELD MOTORS GmbH	DE89370400440532013000	11000
MYC	A0111593	EUR	20150630	0		EUR	0	NEW BENEFICIARY NAME	BE68539007547034	-
MYC	A0111635		20150630	0		EUR	0	MARGELLIS CHANGED AGAIN	AT611904300234573201	
MYC	A0111890	EUR	20150630	0		EUR	0	NAME	DE89370400440532013000	
MYC	A0112310	EUR	20150630	0		EUR	0	Cordon Bleu	BE68539007547034	-
MYC	A0112500	EUR	20150630	0		EUR	0	First Safety DE	DE89370400440532013000	-
MYC	A0112609	EUR	20150630	0		EUR	0	ABC Racing	AT611904300234573201	
MYC	A0113318	EUR	20150630	0			0	Creditor Name	AT611904300234573201	
MYC	A0113953	EUR	20150630	20150415	20991231		0	WARPSPEED	AT611904300234573201	
										1

Validating the data will identify any erroneous data items and highlight the cell(s) for correction with the error message displayed in the bottom banner.

When using the Fetch function the first two rows of the spreadsheet are populated with the field names (Row 1) and column names (Row 2) giving a clear indication of the data required in each column.

Supplier Bank Detail templates will still be issued (as for B4Bv5) for the collation of the target bank details prior to implementation. The data can then be simply copied from the Supplier Bank Details template to the format specific Importer template for validation and import.

The Fetch function can also be used as a reporting tool to quickly and easily export all bank details for the currently selected Company, Format and Object.



Transfer Mappings

New for B4Bv6 is Transfer Mappings. This mapping function enables real time synchronisation of bank details maintained in B4B with the SunSystems Bank Details function. Mappings can be defined for Own and Target Bank and the transfer is automatically triggered on insert and update or approve depending on the Group Maintenance permissions.

Password Parameters	nsfer Mapping ×			
Reports Transfer Mapping	SunSystems Field	Mapping		
User Setup	SunSystems Table: BAN			
System Setup				
Install Formats Install Labels and Messages	BANK_ACNT_NAME	return ACCOUNT_NAME;		
Install Labels and Messages	BANK_ACNT_NUM	return ACCOUNT_IBAN;		
install valuation routiles	BANK_ADDR_CODE			
	BANK_BRANCH	return "Not Required";	Expression Editor to control transfers	
	BANK_DETAILS_CODE	return ACCOUNT_REF;		
	BANK_NAME	return "Not Required";		
	BANK_SORT_CODE	return SWIFT_CODE;		
	BANK_SUB_CODE	string myComment = COMMENTS; if (string.IsNullOrEmpty(myComment)) return "Approved in B48 * + DateTime.Today.ToString("dd/ return myComment;	MMM_{yyyy} + * by * + Userid:	
	CUST_CODE			
	DAG_CODE			
	DIRECT_DR_FIRST_PYMT	return "0";		
	LACT CURNET USED ID	return "B4B";		
	LAST_CHANGE_USER_ID			
	LOOKUP	return ACCOUNT_NAME;		
-		return ACCOUNT_NAME;		
-	LOOKUP OWN_BANK_ACNT_CODE	return ACCOUNT_NAME;		
-	LOOKUP	return ACCOUNT_NAME; return "0";		
-	LOOKUP OWN_BANK_ACNT_CODE OWN_CO_CODE			

The transfer is a column mapping tool with the target being the columns from the SunSystems Bank Detail table(s) which are version specific and the source being the B4B bank detail columns which are format specific, constants or system variables.

An expression editor is used to control, test and convert data being written to SunSystems as required.

B4B Web

B4B can now be deployed through the web to allow access to the application via a browser.

Functionality within the web portal is currently limited however it is envisaged that all functionality will be made available in a future release of the software. At present, the following functions are available through the web portal;

Processing

- >> Audit Reports
- >> Create Bank File
- >> Remittance
- >> Validate Payments

Maintenance >> Auxiliary Functions

- >> Email Templates
- >> Remittance History
- >> Remittance Options
- >> Own Bank



- >> Sundry Target Bank
- >> Target Bank

Access to the functions within the web portal are controlled in the same way as the desktop application via the Group Maintenance >> Format Permissions functions.

Note availability of the Country Codes and Currency Codes is dependent on the format being used as not all formats require these auxiliary functions.

Target Bank Details

This function is used for entering the Bank Details required for making payments to Suppliers or collecting debits from Customers.

	× 🖻 New	📕 Save	💥 Cancel	😮 Delete	Previous	👂 Ne	xt 🕝 Re	fresh	
rocessing	Account Code A0111510	D	Bank Id	EUR					
aintenance									
Country	Account Details Pay	ment / Usage Ultima	te Creditor Conta	act Details					
Currency	IBAN	DE8937040044053	32013000						
Own Bank	BIC	DEUTDE99							
Target Bank	Beneficiary Name	DANGERFIELD M	OTORS GmbH						
	Beneficiary Country	Select	•						
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Functionality in the web portal is identical to the desktop application.



Create Bank File

The Create Bank File function is format specific and is used to create the output file for submission to the bank. As this function is format specific the fields available will be different for each format based on the bank's requirements. The example below is from the EUSCT – European SEPA Credit Transfer Payments format.

	× 💉	Create Bank File	👼 Mark As U	nprocessed	🛃 Pr	eview			
Processing	Own Bank	610	•	Batch Booking Re	quired	Batch Booking	•		
Audit Reports	Execution D	ate 30/06/2015	30/06/2015 Reason Text plus Transaction My Company		ances	none			
Create Bank File	Reason Coo	le Reason Text plu			m	Not required	•		
Validate Payments	Reason Tex	t My Company			End	Yes	•		
Maintenance	Filename	MYC-EUR-3006	615.XML	Single Line Docun	ient Tag	Yes	•		
		Sumplier Account C	Sumplier Account M	Paco Amount	DC Marker	E Conversion Code	Q. Transaction Amount	CADY	Transaction Dof
		Supplier Account C	Supplier Account N	Base Amount		Conversion Code	Transaction Amount		Transaction Refe
		٩	٩	۹	۹	Conversion Code	Transaction Amount	٩	۹
		Q A0111510	Q Dangerfield Motors	م 93.60	م c	Conversion Code Q EUR	Transaction Amount	۹ 101	ର EUR0000001
		٩	٩	۹	م c	Conversion Code	Transaction Amount	۹ 101	٩
		Q A0111510	Q Dangerfield Motors	م 93.60	а, с с	Conversion Code Q EUR	Transaction Amount	Q 101 102	ৎ EUR0000001
		Q A0111510 A0111593	Q Dangerfield Motors Open Book Limited	Q 93.60 156.00	Q C C C	Conversion Code Q EUR EUR	Transaction Amount Q 120.00 200.00	Q 101 102 104	Q EUR0000001 EUR0000002
		Q A0111510 A0111593 A0111635	Q Dangerfield Motors Open Book Limited Margellis Limited	Q 93.60 156.00 546.00	с с с с	Conversion Code Q EUR EUR EUR	Transaction Amount Q. 120.00 200.00 700.00	Q 101 102 104 105	Q EUR0000001 EUR0000002 EUR0000004

Functionality in the web portal is identical to the desktop application.

Remittances

The Process Remittance function facilitates the review and processing of remittances to notify beneficiaries via email of payments that have been made.

Processing	🖺 Send Email 🛛 🖷 Print	Preview 🖷 Account and Email Report	🖷 Cancel Run 🛛 📲 Mark as processed 🛛 🧱 F	Refresh Reference Dat	a	
Maintenance	From 12/13/2017 • To	12/13/2017 - All Apply Criter	a Show sent Remittances File Forma	t PDF •	-	
	Drag a column header here to group b	/ that column	Ð.	Q Search		
	Profile Indicator	Profile Code	Profile Code Profile Description		yment Run Date	
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	Drag a column header here to group b	/ that column		Ð	Q Search	
	Account Code	Account Nat	ne	Amount		
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	Always BCC Email From Caption Email From Address Subject Email Template Code Message	Accounts Payable at myCompany ap@myCompany.com Notification of payment from myCompany DEFAULT + We have recently arranged settlement of your outstal				

Functionality in the web portal is identical to the desktop application.

