

WINPACCS®

SYMPOSIUM 2024

6 Nov | Wetzlar | On-site and Online

The WINPACCS interfaces

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Agenda

1. WINPACCS and external systems
2. Overview of the WINPACCS interfaces
3. Technology & Security
4. Your questions



Tobias Ebert

Head of
Software Engineering
mbi GmbH



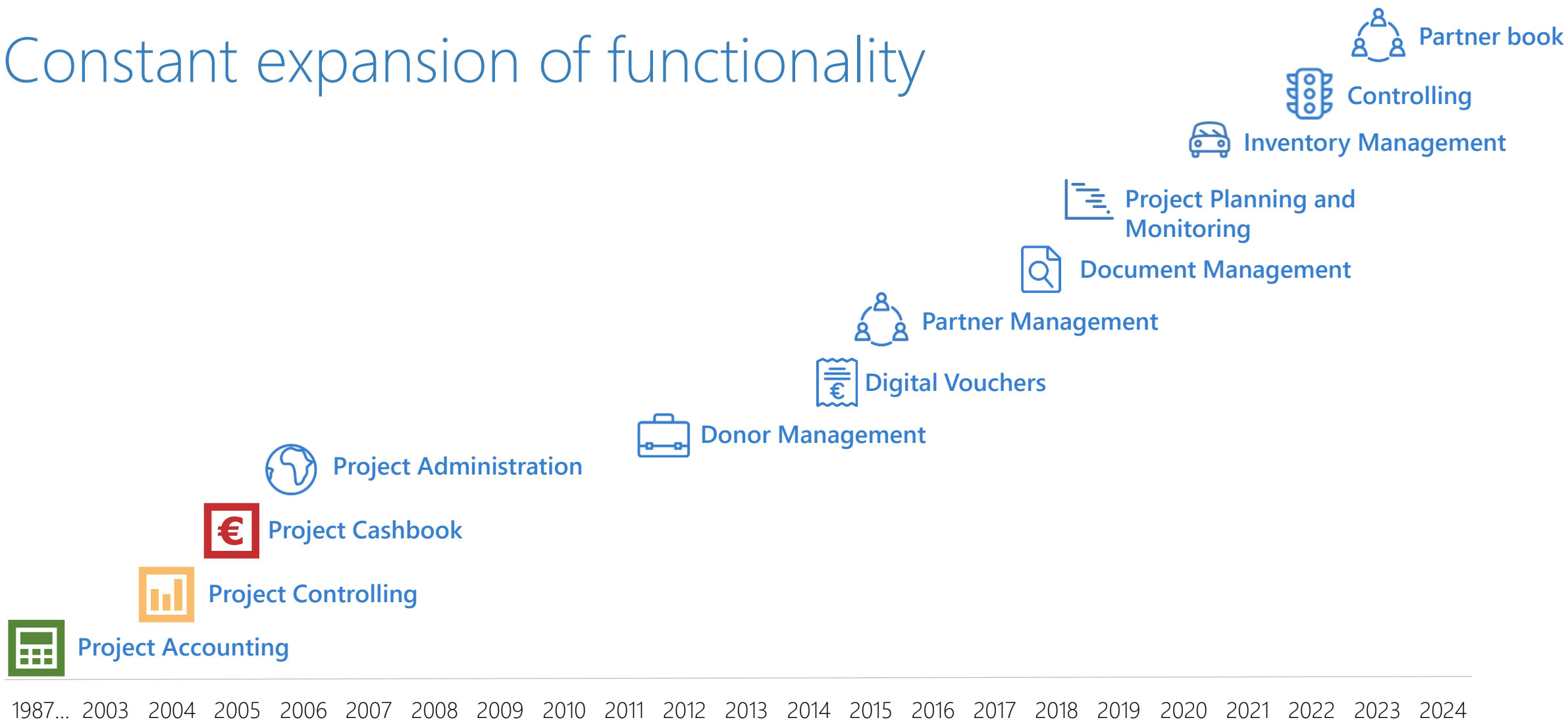
Mario Wagner

WINPACCS Software Developer
mbi GmbH


WINPACCS and
external systems




Constant expansion of functionality



WINPACCS goes ERP




Project Accounting




Project Administration



Financial Accounting




Partner Management



Donor Management




Project Controlling and Reporting




Project Planning and Monitoring

Controlling



Digital Vouchers



Inventory Management

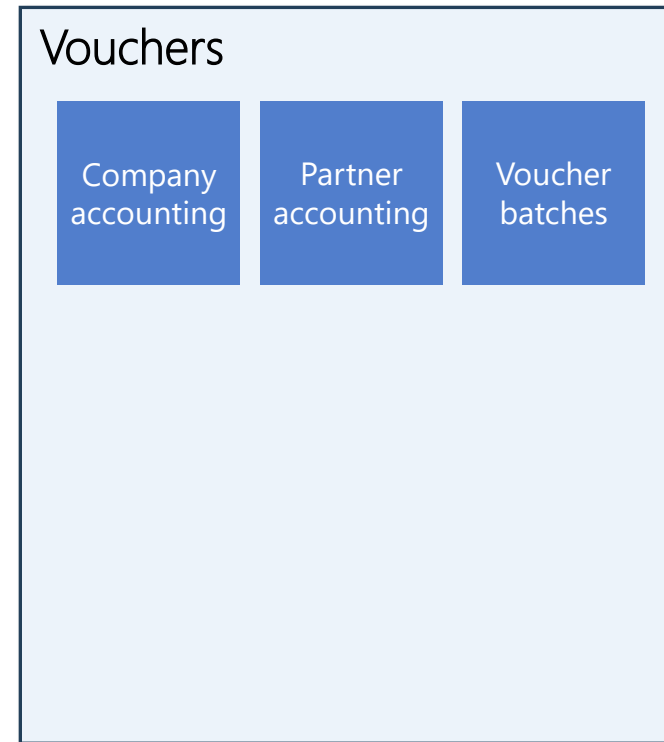
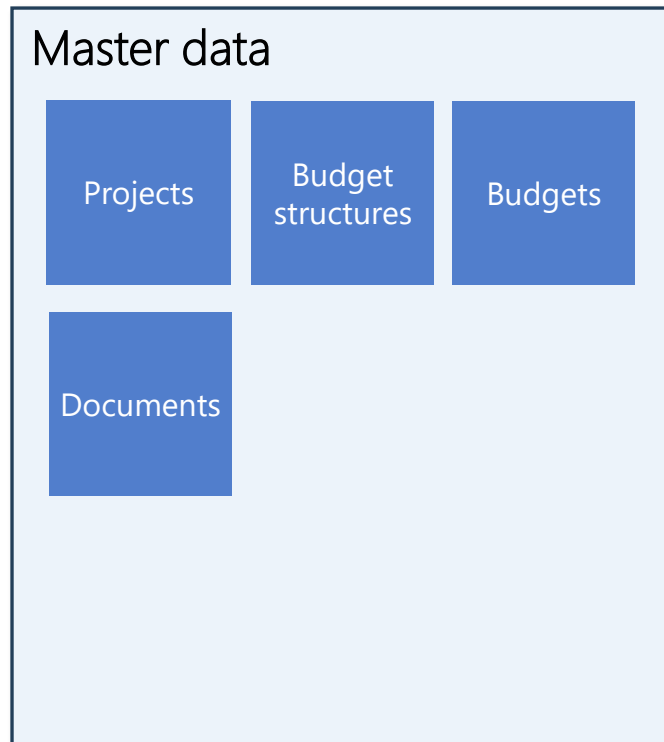
Why interfaces are important

- Many of our customers use an external ERP or other systems
- We strive to provide the best solution for our customers
- Workflows and automation are gaining in importance

Overview of the
WINPACCS
interfaces



Current interfaces



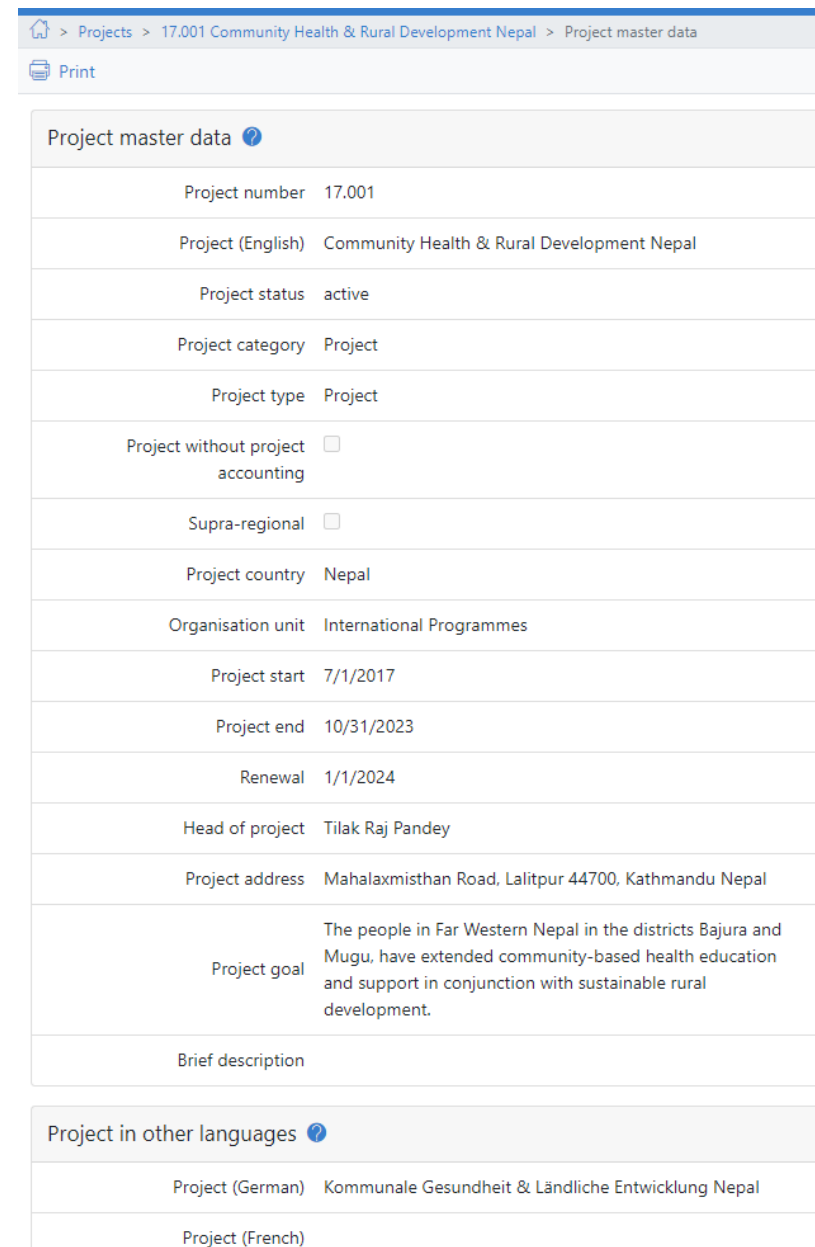
Master data

Projects

All the information of project master data can be transferred via the [web service of our WINPACCS Standard API](#).

Selecting a leading system

Some information may be entered in the ERP system, other in WINPACCS. You can choose at field level which system is responsible for the field and if the data in it can be edited in WINPACCS.



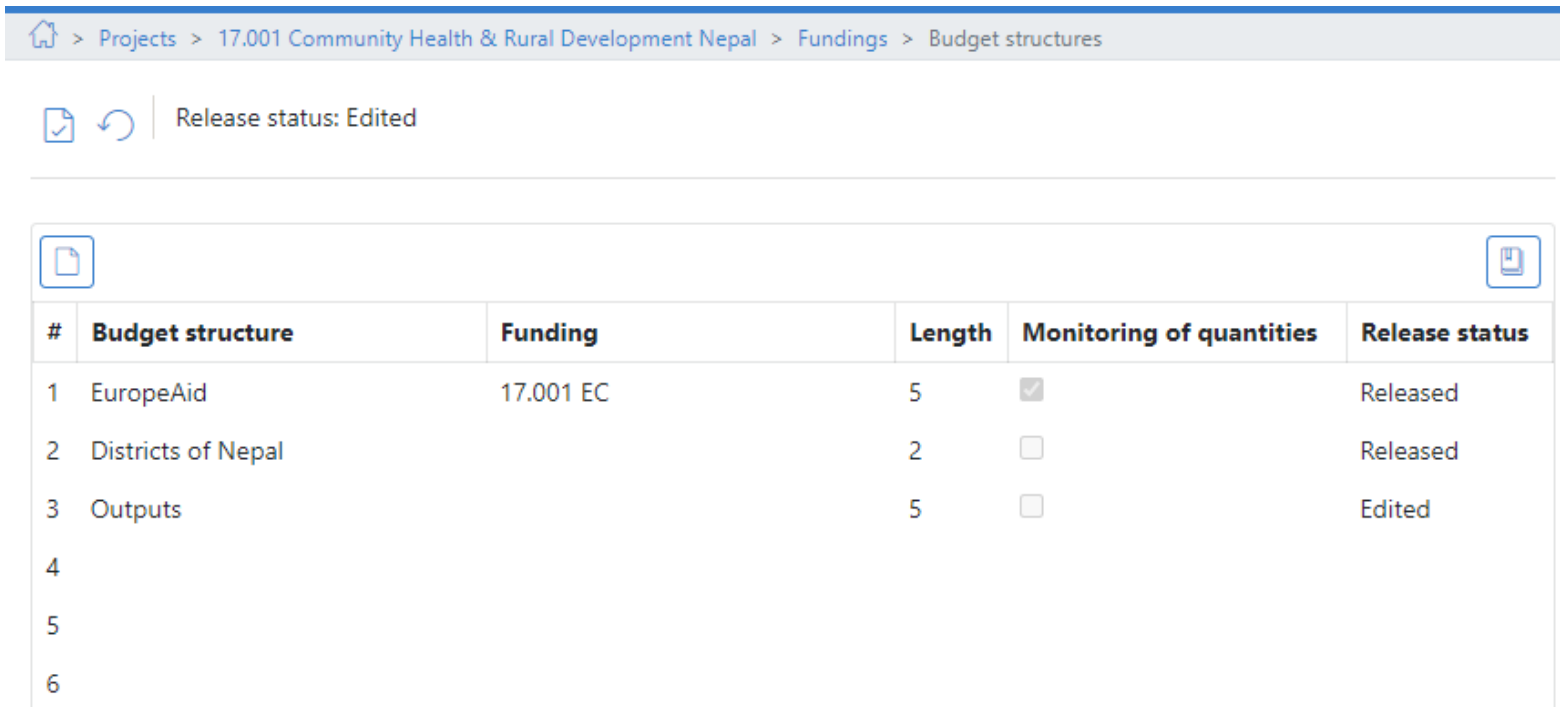
The screenshot shows the 'Project master data' page in the WINPACCS system. The breadcrumb trail is 'Projects > 17.001 Community Health & Rural Development Nepal > Project master data'. There is a 'Print' button. The main content area is titled 'Project master data' with a help icon. It contains a table of project details. Below this table is a section for 'Project in other languages' with entries for German and French.

Project master data ?	
Project number	17.001
Project (English)	Community Health & Rural Development Nepal
Project status	active
Project category	Project
Project type	Project
Project without project accounting	<input type="checkbox"/>
Supra-regional	<input type="checkbox"/>
Project country	Nepal
Organisation unit	International Programmes
Project start	7/1/2017
Project end	10/31/2023
Renewal	1/1/2024
Head of project	Tilak Raj Pandey
Project address	Mahalaxmasthan Road, Lalitpur 44700, Kathmandu Nepal
Project goal	The people in Far Western Nepal in the districts Bajura and Mugu, have extended community-based health education and support in conjunction with sustainable rural development.
Brief description	

Project in other languages ?	
Project (German)	Kommunale Gesundheit & Ländliche Entwicklung Nepal
Project (French)	

Budget structures

Per project up to six budget structures can be created. You can transfer them to WINPACCS Cloud via the [WINPACCS Standard API web service](#).



The screenshot shows a web interface for managing budget structures. At the top, there is a breadcrumb navigation: Home > Projects > 17.001 Community Health & Rural Development Nepal > Fundings > Budget structures. Below the navigation, there are icons for a document and a refresh button, followed by the text "Release status: Edited". The main content is a table with a download icon in the top right corner. The table has six columns: #, Budget structure, Funding, Length, Monitoring of quantities, and Release status. It contains three rows of data and three empty rows.

#	Budget structure	Funding	Length	Monitoring of quantities	Release status
1	EuropeAid	17.001 EC	5	<input checked="" type="checkbox"/>	Released
2	Districts of Nepal		2	<input type="checkbox"/>	Released
3	Outputs		5	<input type="checkbox"/>	Edited
4					
5					
6					

Budgets

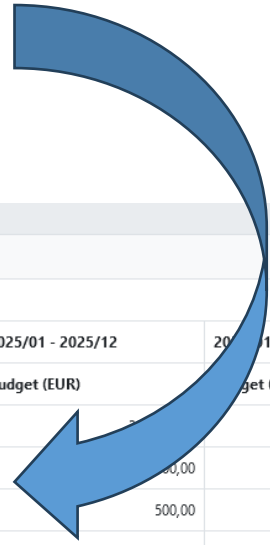
Copy & paste budgets from your excel sheet into WINPACCS Cloud. The table on the website provides proper formatting and validation when inserting data.

	A	B	C	D	E	F
1	EuropeAid	Total Budget	Total Quantity	Budget 2024/07-2024/12	Budget 2025/01-2025/12	Budget 2026/01-2026/12
2	1.1.1 Technical	800.000,00 €	800,00 €	100.000,00 €	300.000,00 €	400.000,00 €
3	1.1.2 Administrative / support staff	26.000,00 €	26,00 €	6.000,00 €	10.000,00 €	10.000,00 €
4	1.2.1 Project coordination and management	10.000,00 €	965,00 €	500,00 €	500,00 €	90.000,00 €
5	1.2.2 Experts / consultants	200.000,00 €	100,00 €	0,00 €	100.000,00 €	100.000,00 €
6	1.3.1 Abroad (staff assigned to the action)	30.000,00 €		10.000,00 €	10.000,00 €	10.000,00 €

Home > Projects > 17.001 Community Health & Rural Development > Project controlling > Budgets > Total budget EuropeAid

Navigation < Save X Cancel

EuropeAid	Total		Breakdown by calendar year		
	2024/07 - 2026/12		2024/07 - 2024/12	2025/01 - 2025/12	2026/01 - 2026/12
	Budget (EUR)	Quantity	Budget (EUR)	Budget (EUR)	Budget (EUR)
1.1.1 Technical	800.000,00	800,00 days	100.000,00		400.000,00
1.1.2 Administrative / support staff	26.000,00	26,00 days	6.000,00		10.000,00
1.2.1 Project coordination and management	10.000,00	965,00 days	500,00	500,00	90.000,00
1.2.2 Experts / consultants	200.000,00	100,00 days		100.000,00	100.000,00
1.3.1 Abroad (staff assigned to the action)	30.000,00		10.000,00	10.000,00	10.000,00



Documents

In WINPACCS Cloud you can add documents to several entities (projects, budgets, fundings, donors, ...). You can **link documents from an external system**.

The screenshot shows a form titled "New document - Master data" with the following fields and values:

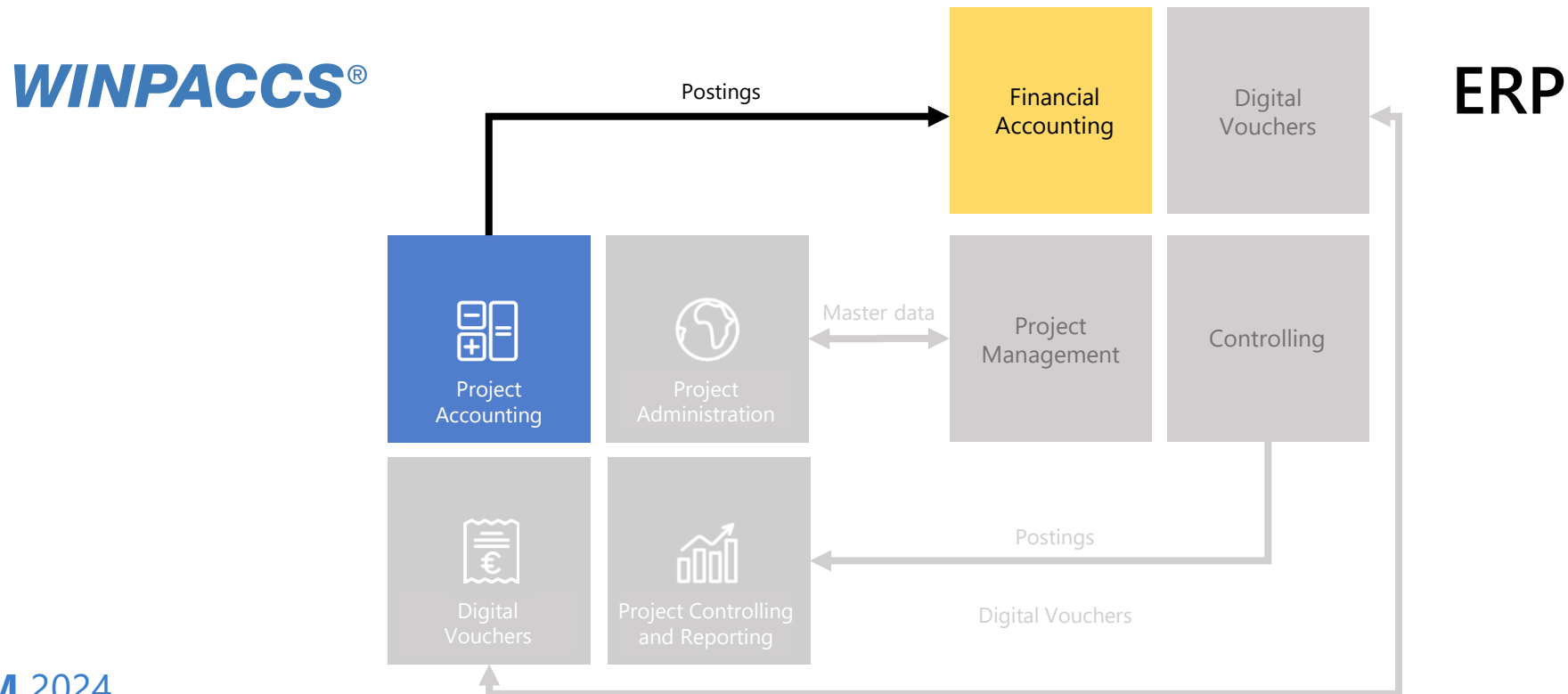
- Storage location:** Radio buttons for "WINPACCS Cloud" (unselected) and "External system" (selected). A red arrow points to the "External system" option.
- Link:** A text input field containing the URL "https://www.mbi.de/WINPACCS/Files/31e4a38d-9163-42f4-ab42-da65a7f228e5/Docun". A red arrow points to this field.
- Document:** A text input field containing "Budget calculation for 2025".
- Document type:** A dropdown menu with "Calculation" selected.
- Keywords:** A tag input field containing "Funding" and "Rural Development".
- confidential, for internal use only:** An unchecked checkbox.
- Project phase:** A dropdown menu with "Planning" selected.

At the bottom right of the form are "Save" and "Cancel" buttons.

Vouchers

Company accounting: Forwarding data to company accounting

Transfer postings from the WINPACCS project accounting to your company accounting system via the **WINPACCS Standard API** or **file transfer**.



Company accounting: Usage of the WINPACCS API

- Query the web service of the **WINPACCS Standard API** for new postings of day-end or month-end closings.
- Process the postings on your side.
- Transfer a response to WINPACCS. The status of the closing will be set to „Posted“ or „Rejected“ which influences the workflow in WINPACCS Accounting.

Home > Projects > 17.001 Community Health & Rural Development Nepal > Data packets > Project accounting > Closing
Display postings of the closing



Response from the company accounting



Closing	
Project number	17.001
Journal	001
Voucher type	Balance sheet effective
Voucher currency	USD
Closing type	Day-end closing
Closing status	Posted Company accounting
Accounting period	2024/10



Company accounting: File-based interface

Many company accounting systems support import and export via **file-based interfaces**. WINPACCS supports many of these file formats out-of-the-box.

WINPACCS®



ABACUS
Business Software

syska.

OPTIGEM

Varial

DATEV

Microsoft
Dynamics® AX

hs
Hamburger Software

GETECO

Deltak
Maconomy

open:PETRA

Diamant Software

Microsoft
Dynamics NAV

Sage

Company accounting: Forwarding data to company accounting

All closings of the same month can be converted to an import file for the company accounting.

Company accounting > Forward data to company accounting (WINPACCS Accounting 4) > Unconverted

Navigation < → Convert Display Print Export

Month-end closings

Unconverted

Converted

Export files

Open

Posted Company accounting

Discarded

Accounting period YYYY/MM

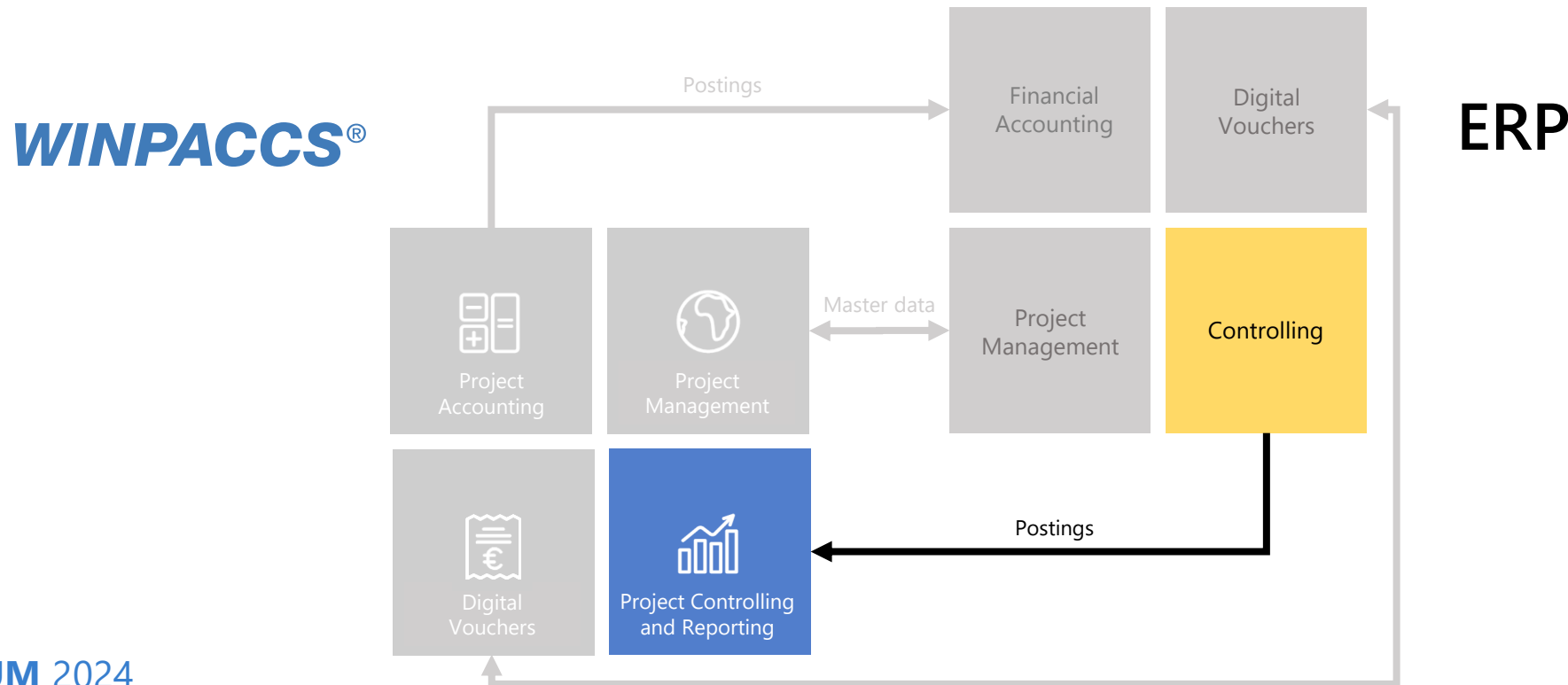
Drag a column header here to group by that column.

	Project nu...	Journal nu...	Voucher cur...	Accounti... ▲	First vouch...	Last vouche...
<input checked="" type="checkbox"/>	17.601	002	USD	2022/01	1	5
<input checked="" type="checkbox"/>	17.001	001	EUR	2022/01	1	42
<input checked="" type="checkbox"/>	17.101	002	USD	2022/01	1	32
<input type="checkbox"/>	17.001	001	EUR	2022/02	43	63

1 2 3 4 5 ... Elements per page 50 1 - 50 from 285 Elements


Company accounting: Data transfer from company accounting




Transfer of project costs (for example personnel costs or travel expenses) which were posted in the head office.



Company accounting: Data transfer from company accounting

- Data is exported from company accounting once a month to an export file.
- This **export file** is imported into WINPACCS Cloud.

 Status: Released

 Conversion log  Preview  Voucher number log

Conversion data

File name	DTVF_Buchungsstapel_2021-08.csv
Description	19003
Period	2021/08
Converted on	9/9/2021 3:27 PM

Company accounting data

Project ▲	Journal ▲	Period from ▲	Period to	Vouchers ...	Vouchers to
19.003 Disaster preparedness...	JUB Journal Company accoun...	2021/07	2021/08	3	5

Company accounting: Data transfer from company accounting

The postings of the head office can be shown separately in the WINPACCS project controlling and WINPACCS controlling.

EuropeAid	Budget (EUR)	Amount (EUR)	Amount (EUR) Project accounting	Amount (EUR) Company accounting	Amount (EUR) Partner accounting	Budget remaining (%)	Status of residual budget
1. Human Ressources	530,340.00	19,527.59	11,327.59	8,200.00	0.00	96.32 %	
1. Salaries national staff	276,660.00	8,267.51	8,267.51	0.00	0.00	97.01 %	
1 Technical	205,630.00	6,895.34	6,895.34	0.00	0.00	96.65 %	
2 Administrative / support staff	71,030.00	1,372.17	1,372.17	0.00	0.00	98.07 %	
2. Salaries international staff	221,680.00	11,094.12	2,894.12	8,200.00	0.00	95.00 %	
1 Project coordination and management	174,900.00	8,200.00	0.00	8,200.00	0.00	95.31 %	
2 Experts/Consultants	46,780.00	2,894.12	2,894.12	0.00	0.00	93.81 %	
3. Per diems for missions/travel	32,000.00	165.96	165.96	0.00	0.00	99.48 %	
1 Abroad (staff assigned to the Action)	24,000.00	165.96	165.96	0.00	0.00	99.31 %	

Company accounting: Connecting third-party systems

We can integrate the web services provided by your company accounting system.

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Partner accounting vouchers

Copy & paste vouchers from an excel sheet into WINPACCS Cloud. The table provides proper formatting and validation when inserting.

🏠 > Projects > 24.001 Community Health & Rural Development Nepal > Partners assigned > NEP002 ASAL BIKASH > Partner contracts > Asal Bikash partner book > Partner book > Enter new vouchers

📄 Save ✕ Cancel **↓ Download template**

Recipient/depositor	Voucher date	Entry text	VC Amount (...)	EuropeAid	Districts of Nepal	Voucher nu...	
	A	B	C	D	E	F	G
1	Recipient/depositor	Voucher date	Entry text	VC Amount (NPR)	EuropeAid	Districts of Nepal	Voucher number Partner accounting
2	Asal Bikash	01.11.2024	Travel costs	1.344,00	2.1.1	BA	163
3	Asal Bikash	03.11.2024	Office Rent	55.000,00	4.2.1	BA	164

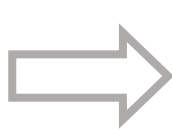
📄 Save ✕ Cancel **↓ Download template**

Recipient/depositor	Voucher date	Entry text	VC Amount (...)	EuropeAid	Districts of Nepal	Voucher nu...	
Asal Bikash	01.11.2024	Travel costs	1.344,00	2.1.1 International Flights	BA Bajura	163	🗑️
Asal Bikash	03.11.2024	Office Rent	55.000,00	4.2.1 Rent of projects office and f...	BA Bajura	164	🗑️

Voucher batches

Transfer voucher batches (currently travel expenses) via **web service of the WINPACCS Standard API** to post them in WINPACCS Accounting.

```
POST https://www.winpaccs.cloud/externalapiservice/api/TravelExpenses/Import
Params Body Auth Headers Scripts Docs
XML
1 <TravelExpensesImportRequest xmlns="http://www.winpaccs.com/ExternalWinpaccsAPI/TravelExpenses">
2 <ImportId>CUSTOMER-DAY-BATCH-1</ImportId>
3 <ProjectNumber>24.899</ProjectNumber>
4 <VoucherCurrency>USD</VoucherCurrency>
5 <IsConfidential>false</IsConfidential>
6 <AdditionalTransferOfDigitalVouchers>false</AdditionalTransferOfDigitalVouchers>
7 <TravelExpensesVouchers>
8 <TravelExpensesVoucher>
9 <VoucherNumber>1</VoucherNumber>
10 <VoucherDate>2024-01-02T06:47:03.457Z</VoucherDate>
11 <EntryDate>2024-01-02T06:47:03.457Z</EntryDate>
12 <RecipientDepositor>Travel_Agency</RecipientDepositor>
13 <PostingText>Flight</PostingText>
14 <AccountNumber>4660</AccountNumber>
15 <SubAccountNumber>00</SubAccountNumber>
16 <Amount>485.00</Amount>
17 <VatAccount>2</VatAccount>
18 <VatAmount>23.16</VatAmount>
19 <IsInternalVoucher>false</IsInternalVoucher>
20 <PersonnelNumber>17253</PersonnelNumber>
21 <ExternalInvoiceNumber>LH-32133</ExternalInvoiceNumber>
22 </TravelExpensesVoucher>
23 <TravelExpensesVoucher>
24 <VoucherNumber>2</VoucherNumber>
25 <VoucherDate>2024-01-04T06:47:03.457Z</VoucherDate>
26 <EntryDate>2024-01-04T06:47:03.457Z</EntryDate>
27 <ExternalProjectNumber>24.001</ExternalProjectNumber>
28 <RecipientDepositor>Taxi_Service</RecipientDepositor>
29 <PostingText>Transportation</PostingText>
30 <AccountNumber>3810</AccountNumber>
31 <SubAccountNumber>00</SubAccountNumber>
32 <Amount>50</Amount>
```

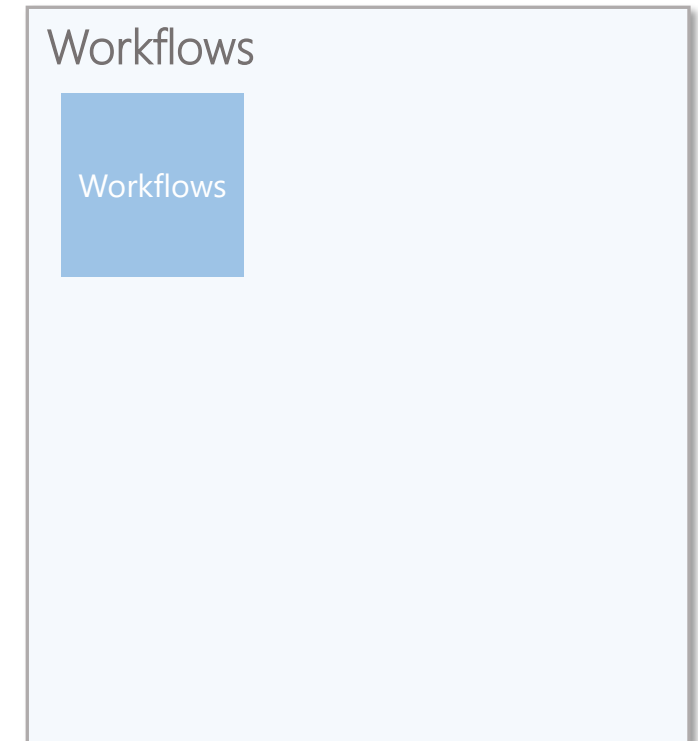
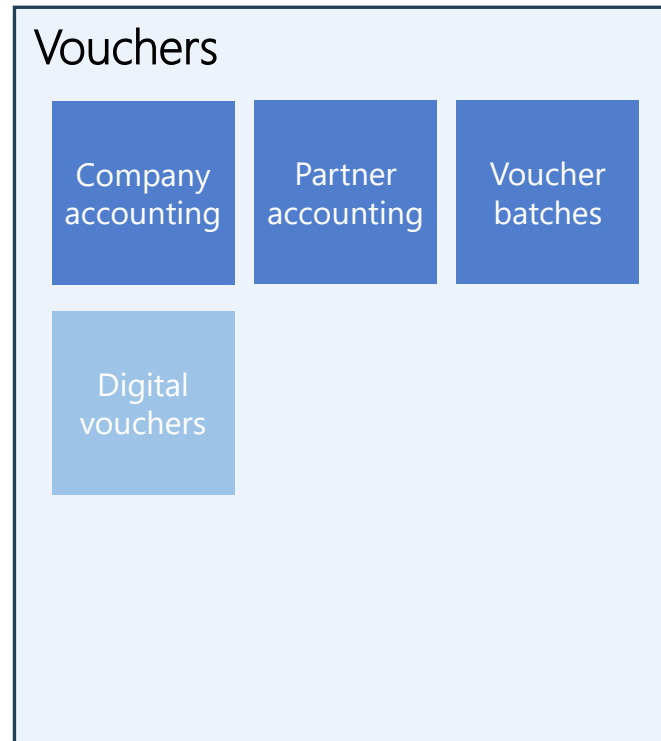
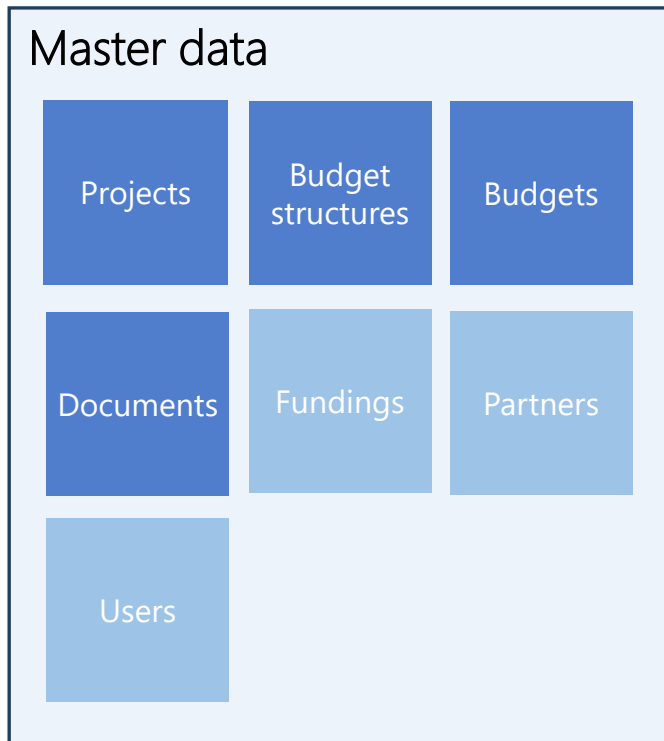


The screenshot displays the 'Voucher batch - Import travel expenses' window. It includes a 'STATUS' section with a 'Post' button, 'TRANSACTION' details (Transaction category: 4 Costs, Transaction type: 3 external project, External project / Cost centre: 24.001 - Community Health & Rural De, External funding: Europaid Funds), 'VOUCHER INFORMATION' (Voucher number: <new>, Recipient / Depositor: Gas Station, Voucher date: 04/01/2024, Internal voucher: <new>), 'Posting text' (Fuel), 'Amount in voucher currency' (5.15 USD), 'VAT' (0), and 'ACCOUNT ASSIGNMENT' (Cost category: 4330 Running Costs Vehicles, Sub-account cost category: 00 Running Costs Vehicles, Paid from: 1600 Payables, Paid from sub-account: 01 Project payables to tax and revenue). A 'Voucher list' table is shown below:

Voucher list	Entry number	Subsequent po...	Posting suggestion	Voucher date	Posting text	Debit account	Debit sub-acc...
1			Post	02/01/2024	Flight	4660	00
2			Post	04/01/2024	Transportation	3810	00
3			Post	04/01/2024	Fuel	4330	00

On the right, a 'Digital vouchers' window shows a summary for 'STC GAS Ltd' with a total of 5,150 USD. The summary includes: Date: 15/10/2024, Time: 13:00, Voucherno.: 1433.00001, +000003 Diesel + pillar 02 50,00 l, Total 5,150 USD.

Future interfaces



Technology &
Security





REST web services

- Use modern web standards (W3C)
 - HTTP as transport protocol
 - XML and JSON as message format
 - HTTP methods (GET, POST) for actions
- Supported by many systems
- Simple connection, tests and usage



REST web services

- Encrypted with HTTPS (TLS 1.2+) and secure credentials

  <https://www.winpaccs.cloud/externalapiservice>

- Penetration Test by Security Experts in June of 2024

- No major issues found

- From the report:

- „Overall, the level of security found in the cloud environment at the time of testing is good.“
- “(...), the great interest shown by mbi in measures to improve security should be emphasized here.“



Further information

- Get in contact with us
- Whitepaper
- Swagger UI

Any questions?