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WINPACCS APIs for Seamless System Integration

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WINPACCS APIs for Seamless System Integration





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Agenda

- Overview of WINPACCS APIs
  - What's a (Web-)API?
  - Basic characteristics of the WINPACCS APIs
  - Technology
- Use Cases
  - Automating Project Creation in WINPACCS
  - Building Management Dashboards with WINPACCS Data
  - Integrating WINPACCS with Company Accounting Systems
- Available API packages



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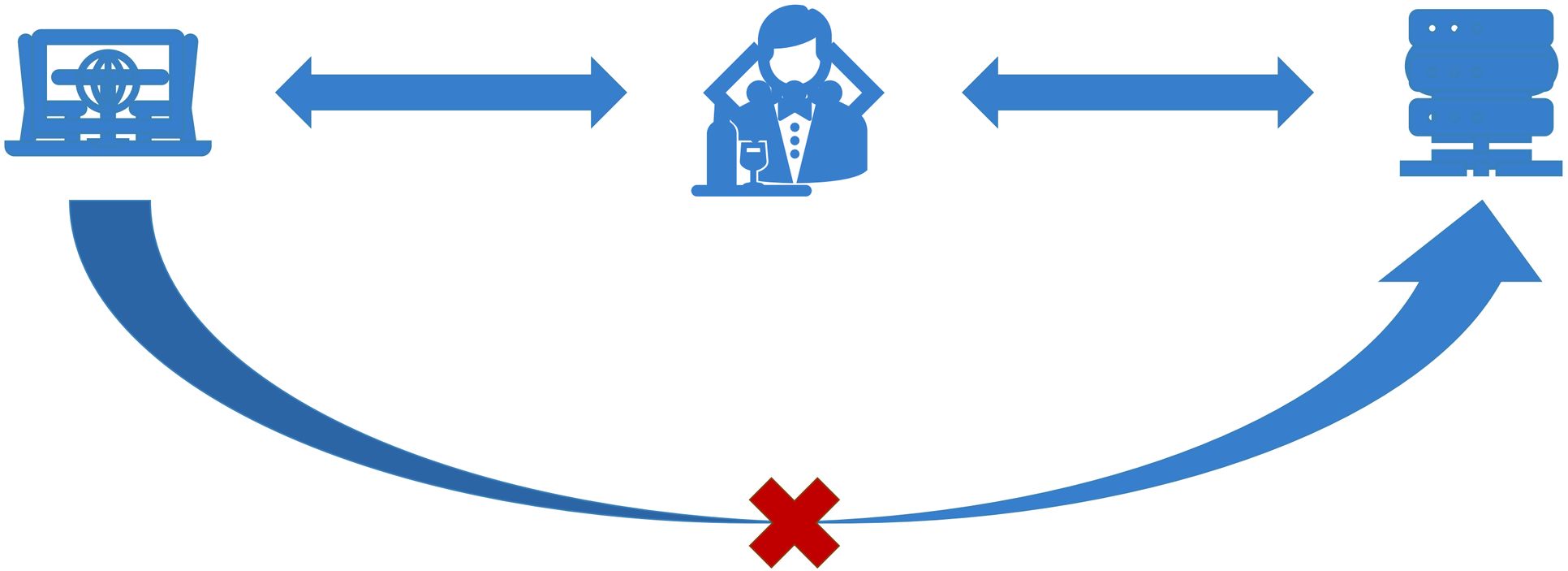
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Overview of WINPACCS APIs



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What's a (Web-)API?



Basic characteristics of the WINPACCS APIs

Standards



Security

Compatibility

Easy Usage

Technology

- REST Web Services
- XML or JSON as formats for the information
- Encrypted communication over TLS/HTTPS
- Strict access control with OAuth and own credentials

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Use Cases



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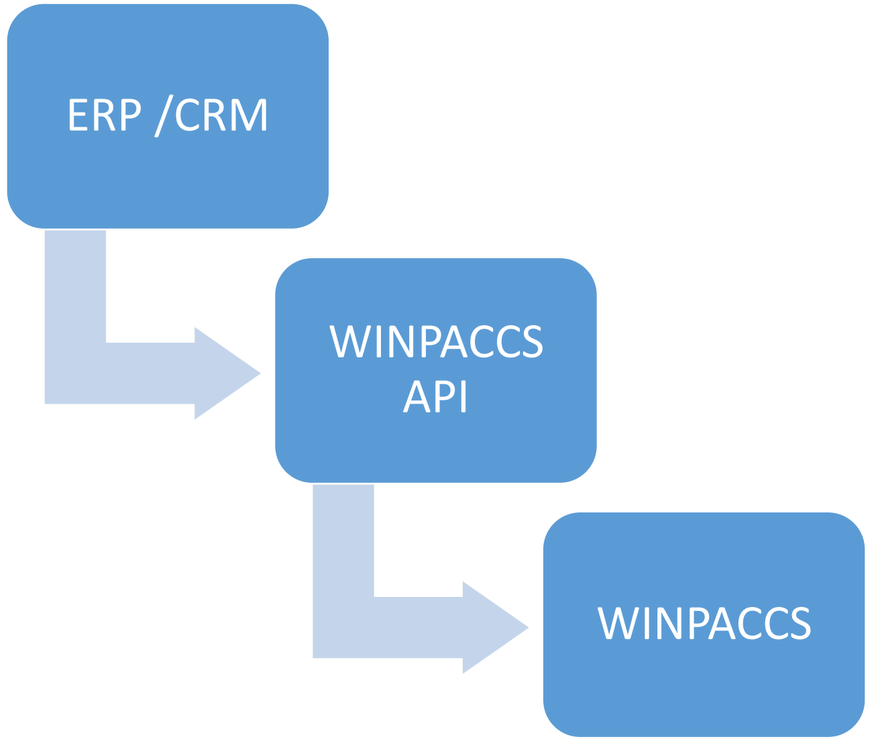
Use Case 1: Automating Project Creation in WINPACCS

Transferring project master data from a central source system to WINPACCS

Automating Project Creation in WINPACCS

The Situation

Many organisations manage project master data in a central ERP, CRM or grant management system. The same information must be entered manually into WINPACCS.



- Duplicate data entry
- Inconsistent project master data
- Delays in project setup

How can project data be transferred to WINPACCS without manual re-entry?

Automating Project Creation in WINPACCS

The Solution

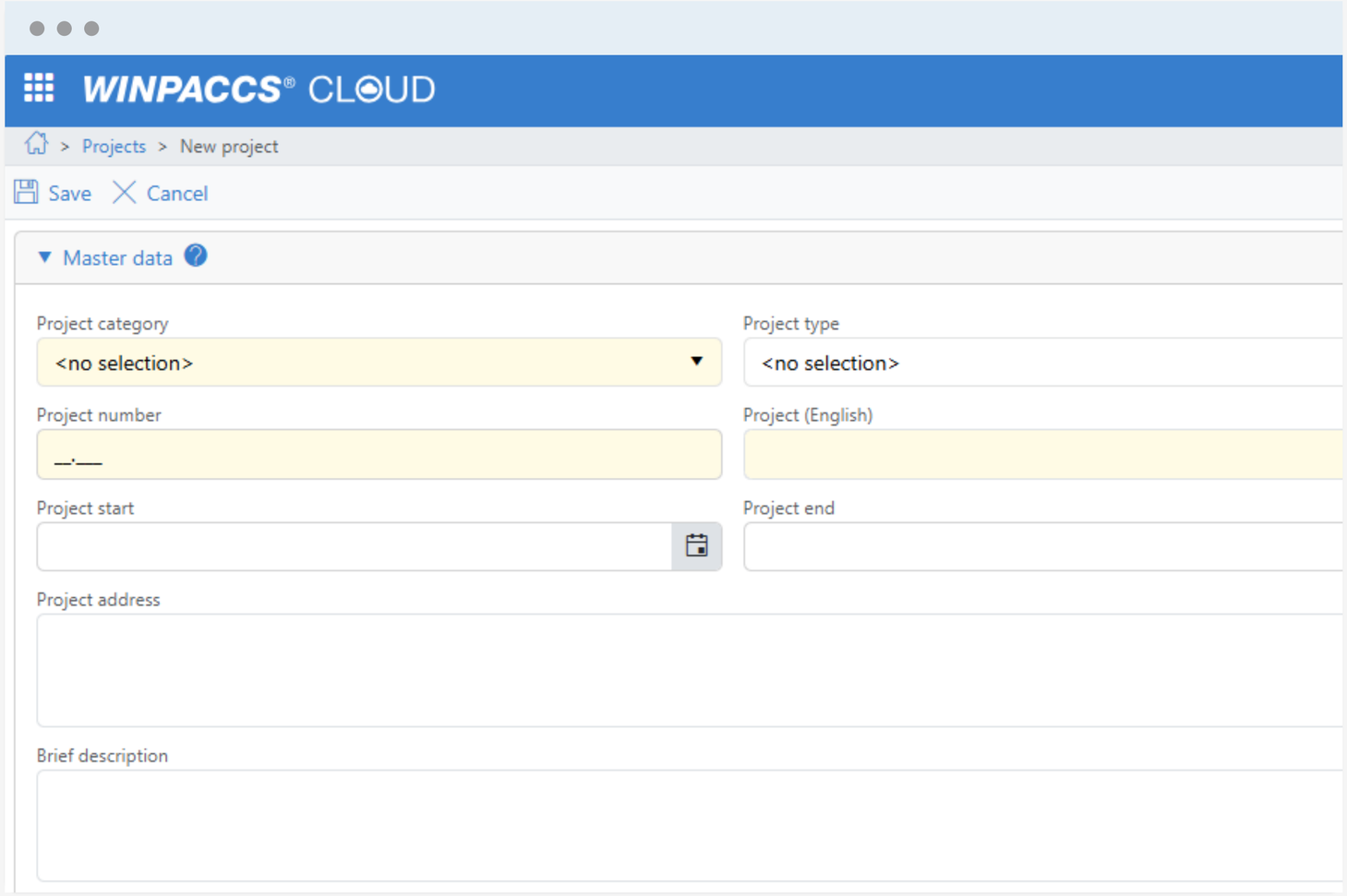
The ‘Import Projects’ API automatically transfers new projects and changes to project master data to WINPACCS.

Customer Benefits

- Reduced manual data entry
- Faster project setup
- Consistent project master data across systems
- Fewer data entry errors

The central source system remains responsible for project master data, while WINPACCS receives the required information automatically.

Live Demonstration





Use Case 2:
Building Management Dashboards with WINPACCS Data

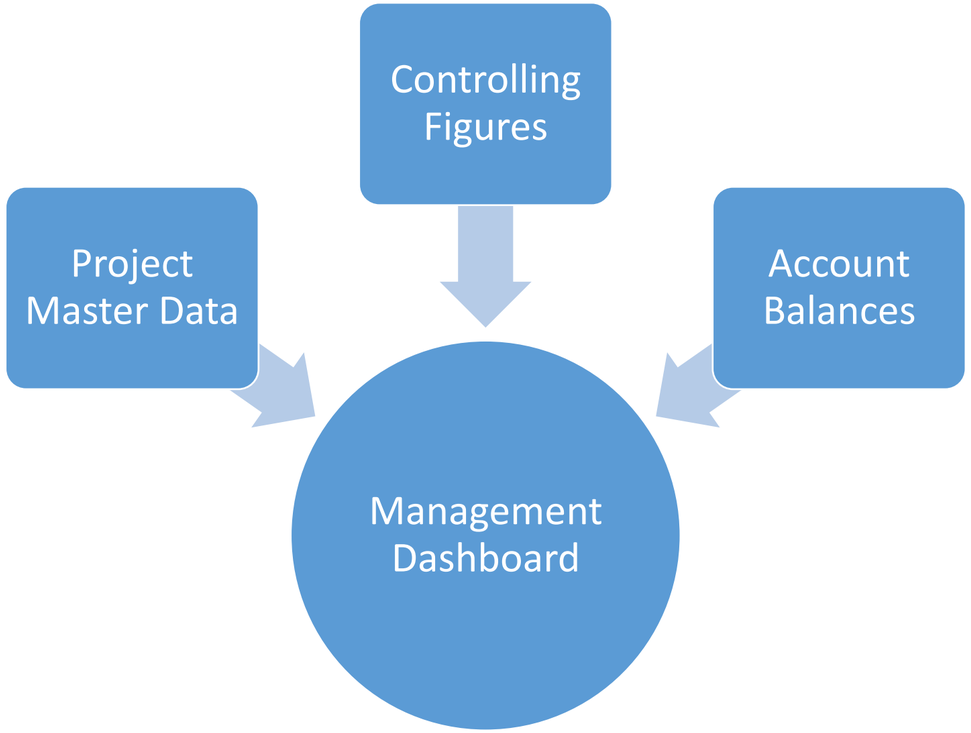
Combining project master data, controlling figures and account balances

Building Management Dashboards with WINPACCS Data

The Situation

Management, project managers and controlling teams need a consolidated overview of current projects and their financial status. The required information is often obtained from different areas and compiled manually.

- Project and financial data are viewed separately
- Reports depend on manual exports
- Current figures are not available in one consolidated view



How can WINPACCS data be combined in a single management dashboard?

Building Management Dashboards with WINPACCS Data

The Solution

A reporting or business intelligence solution retrieves the required data from several WINPACCS APIs and combines it in a consolidated project overview.

Customer Benefits

- Consolidated project and financial overview
- Less manual reporting effort
- Current information for management and controlling
- Improved transparency across the project portfolio

WINPACCS provides the data required for a consolidated management view across projects, controlling and project accounting.

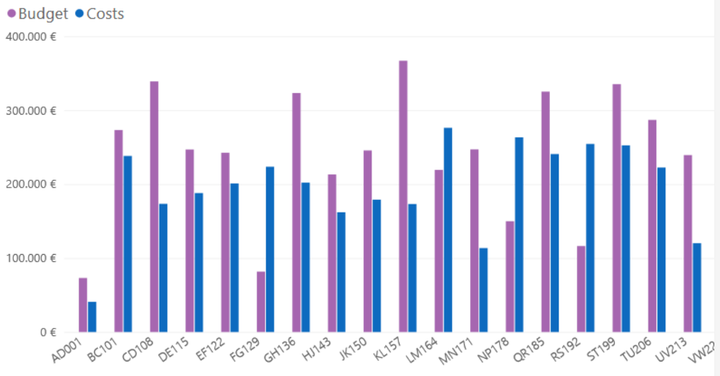
Live Demonstration

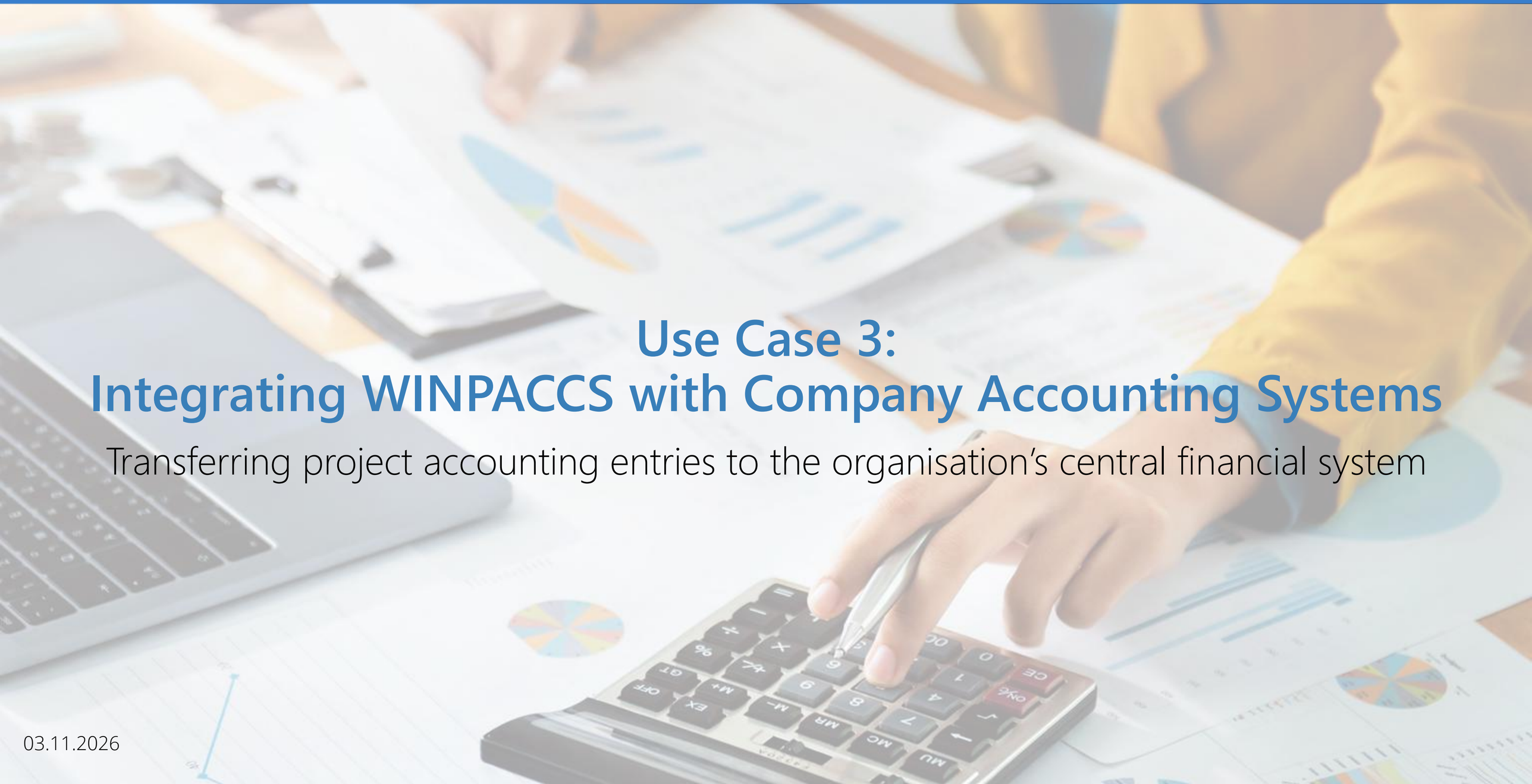
w of project balances

1200 Receivables from Partner	1600 project cash	1800 project bank	3300 Payables	Total
7.985,37 €	1.230,92 €	415.786,50 €	853,30 €	**425.856,09 €**
52.801,83 €	4.757,29 €	28.483,31 €	48.269,80 €	**134.312,23 €**
57.821,88 €	34.576,29 €	375.208,90 €	42.883,19 €	**510.490,26 €**
31.866,44 €	23.592,46 €	534.844,66 €	3.503,11 €	**593.806,67 €**
6.500,40 €	840,55 €	71.112,46 €	26.643,57 €	**105.096,98 €**
39.510,93 €	39.271,57 €	203.227,25 €	39.991,74 €	**322.001,49 €**
41.943,17 €	39.161,19 €	261.467,80 €	28.998,61 €	**371.570,77 €**
62.256,93 €	17.416,31 €	231.530,54 €	14.179,48 €	**325.383,26 €**
32.232,33 €	39.549,40 €	574.010,42 €	32.385,17 €	**678.177,32 €**
30.802,65 €	41.277,60 €	287.852,40 €	55.030,13 €	**414.962,78 €**
28.142,42 €	37.391,00 €	357.117,52 €	12.988,09 €	**435.639,03 €**
39.288,92 €	33.722,44 €	606.907,01 €	391,38 €	**680.309,75 €**
30.325,19 €	20.487,92 €	418.788,51 €	19.394,77 €	**488.996,39 €**
41.102,71 €	7.455,10 €	60.567,85 €	34.389,87 €	**143.515,53 €**
79.031,84 €	25.584,09 €	137.750,44 €	4.080,85 €	**246.447,22 €**
36.418,13 €	31.722,69 €	436.535,69 €	19.357,62 €	**524.034,13 €**
74.172,75 €	46.875,69 €	180.688,51 €	20.427,24 €	**322.164,19 €**
74.674,95 €	11.005,07 €	69.131,50 €	28.789,61 €	**183.601,13 €**
2.514,84 €	43.005,80 €	591.601,52 €	5.468,32 €	**642.590,48 €**
71.994,61 €	39.689,21 €	300.214,51 €	20.432,64 €	**432.330,97 €**
841.388,29 €	**538.612,59 €**	**6.142.827,30 €**	**458.458,49 €**	**7.981.286,67 €**

Overview of project costs and budgets

Project	Budget	Costs
AD001	73.111,00 €	40.923,53 €
BC101	273.295,21 €	238.212,65 €
CD108	339.024,71 €	173.407,46 €
DE115	246.862,67 €	187.989,03 €
EF122	242.452,03 €	200.890,57 €
FG129	81.710,98 €	223.621,69 €
GH136	323.254,41 €	202.099,85 €
HJ143	213.195,88 €	161.966,20 €
JK150	245.634,96 €	179.035,71 €
KL157	366.959,41 €	173.131,82 €
LM164	219.317,00 €	276.255,36 €
MN171	247.036,76 €	113.537,83 €
NP178	149.904,05 €	263.329,14 €
Total	**4.644.255,91 €**	**3.975.951,94 €**





Use Case 3:
Integrating WINPACCS with Company Accounting Systems

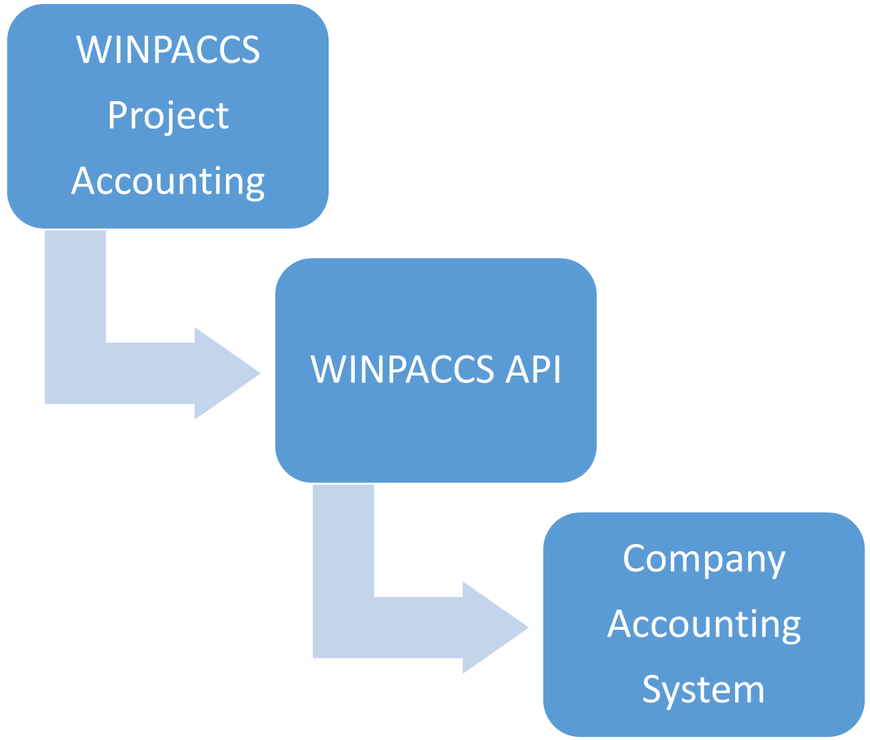
Transferring project accounting entries to the organisation’s central financial system

Integrating WINPACCS with Company Accounting Systems

The Situation

WINPACCS is used for project accounting, while the organisation's general ledger is maintained in a central corporate accounting system. Relevant accounting entries therefore need to be transferred between the systems.

- Manual export and import processes
- Additional reconciliation effort
- Risk of incomplete transfers
- Delays in central financial reporting



How can project accounting entries be transferred to the company accounting system?

Integrating WINPACCS with Company Accounting Systems

The Solution

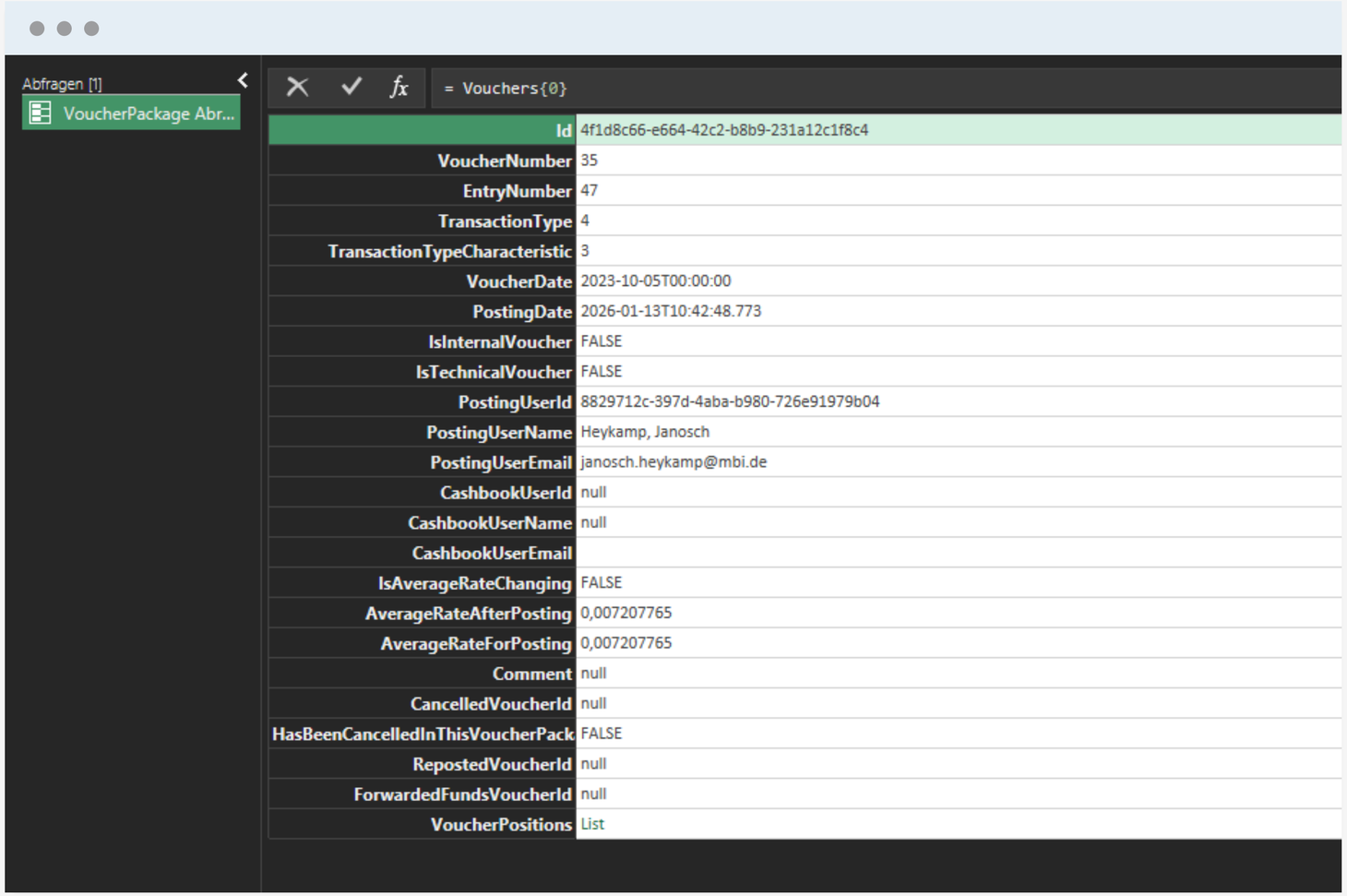
The company accounting system or an integration service retrieves project accounting entries from WINPACCS and converts them into the format required by the central financial system.

Customer Benefits

- Reduced manual transfer effort
- More reliable transfer processes
- Faster availability of project accounting data in the central system

WINPACCS supplies the detailed project accounting data, while the corporate accounting system remains responsible for the organisation’s central financial accounting.

Live Demonstration



WINPACCS Financial Accounting

- Data packages from project accounting can only be retrieved, if WINPACCS Financial Accounting is not used
- With the usage of WINPACCS Financial Accounting
  - All vouchers from Project Accounting are imported into Financial Accounting
  - Postings from Financial Accounting can be retrieved with a similar API, based on accounting periods and posting numbers, and not limited to data packages

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Available API packages



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Available API packages

- Project management
  - Retrieve projects
  - Import projects
  - Retrieve programme master data
- Controlling
  - Import postings
  - Retrieve project budgets
  - Retrieve sums from project controlling
- Project accounting
  - Retrieve postings from project accounting
  - Retrieve balance accounts' sums and balances from project accounting
- *In developement: Financial accounting*
  - *Retrieve postings from financial accounting*
  - *Retrieve general ledger accounts' sums and balances from financial accounting*

Any questions?

Thank you for your attention!

