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**Norbert Bede**

Cloudepriere Slovakia

# iDempiere UX changes and vision

iDempiere World Conference

Bahrain, 2023



What we'll talk about

**01 Introduction**

**02 UX opportunities**

**03 Features & vision**

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# Norbert Bede

- Founder: MULTIMAGE 2004 /  
Cloudempiere 2018, private ownership
- Languages: English, Slovak, Hungarian  
Territory: Slovakia (SK), Czech Republic  
(CZ), Hungary (HU)
- 15 years of experience with business  
consulting and IS integration





# Apart from ERP, we create value through front-end products

ERP

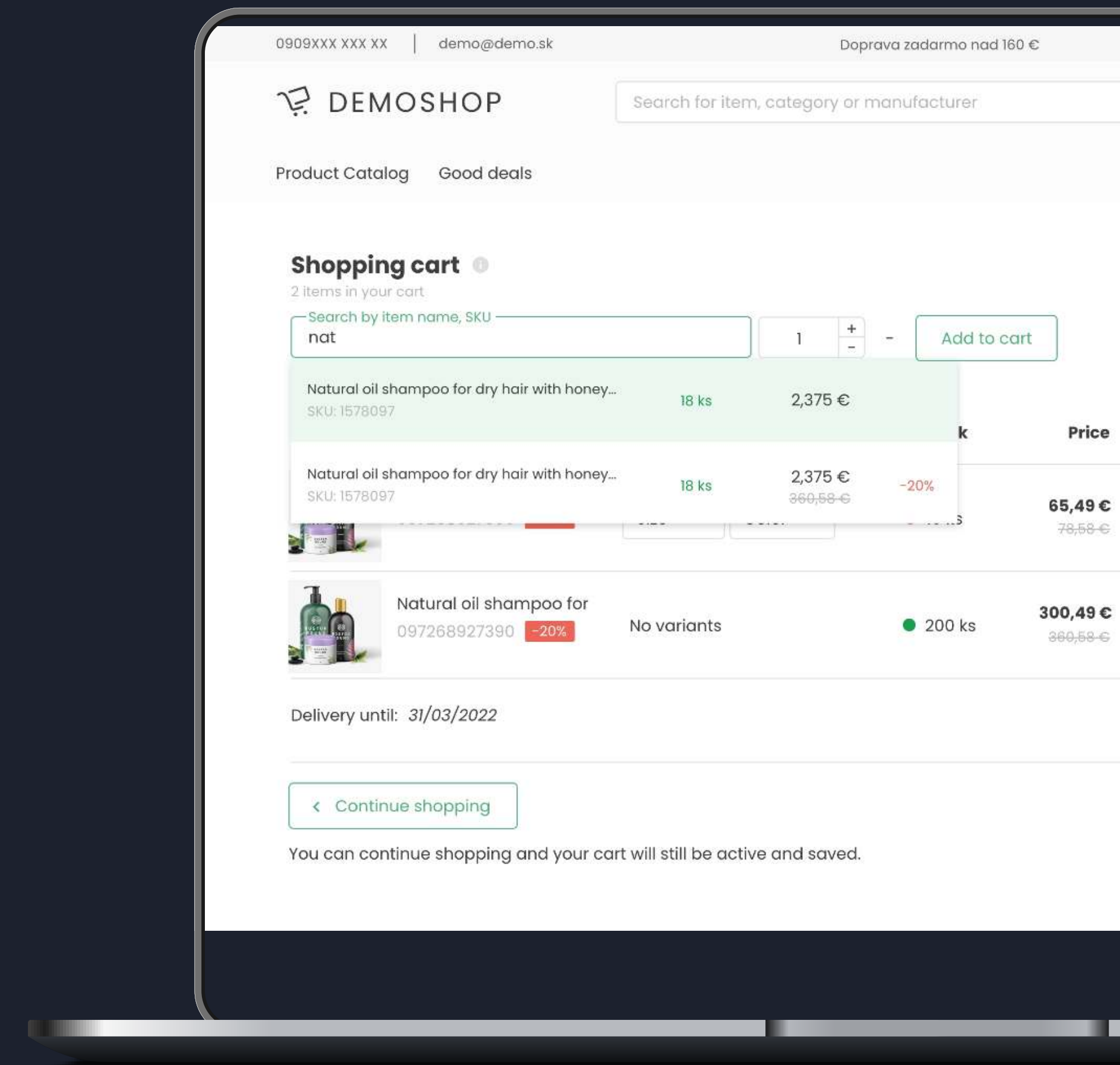
WMS/WCS

PSA

E-commerce

Mobile apps

Portal





**Norbert**

Founder & CEO



**Igor**

Backend Developer



**Peti**

Junior Developer



**Jana**

IT and usability  
tester



**Réka**

UX/UI Designer

A large, detailed grayscale image of the moon's surface, showing numerous craters and lunar maria, serving as the background for the entire page.

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# 2555 commits

We were one of the top contributors to the  
community in 2022



01

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# UX areas to improve

UX/UI

Improvement



# Make iDempiere a practical, usable, fast, modern and stable framework

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## Leverage UX principles

To thrive with this software  
and community





# UX opportunities

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## ZK design system potential

- Increase ZK design system potential (new components)
- Move UX from ERP to framework, rethink how things can be done (labels, datepicker, record id editor)
- Bugs/performance improvements ZK (VM, Dom objects - thanks to core )

## Remove usability issues

- Remove annoying interactions => outcome timesaving (eg. navigation/entry/find)
- Data Quality and controlling usability (dashboard, print format overwhelming..., )

## Increase attractiveness

- Implement UX best practices - look at how other software have the same tasks designed (UX research before development)
- Remove UX/UI inconsistency => standardization (many features developed, but not standardized over the years )
- Data visualization - lot of space for visualize data - mainly KPI, charts, dashboard, kanban etc.



02

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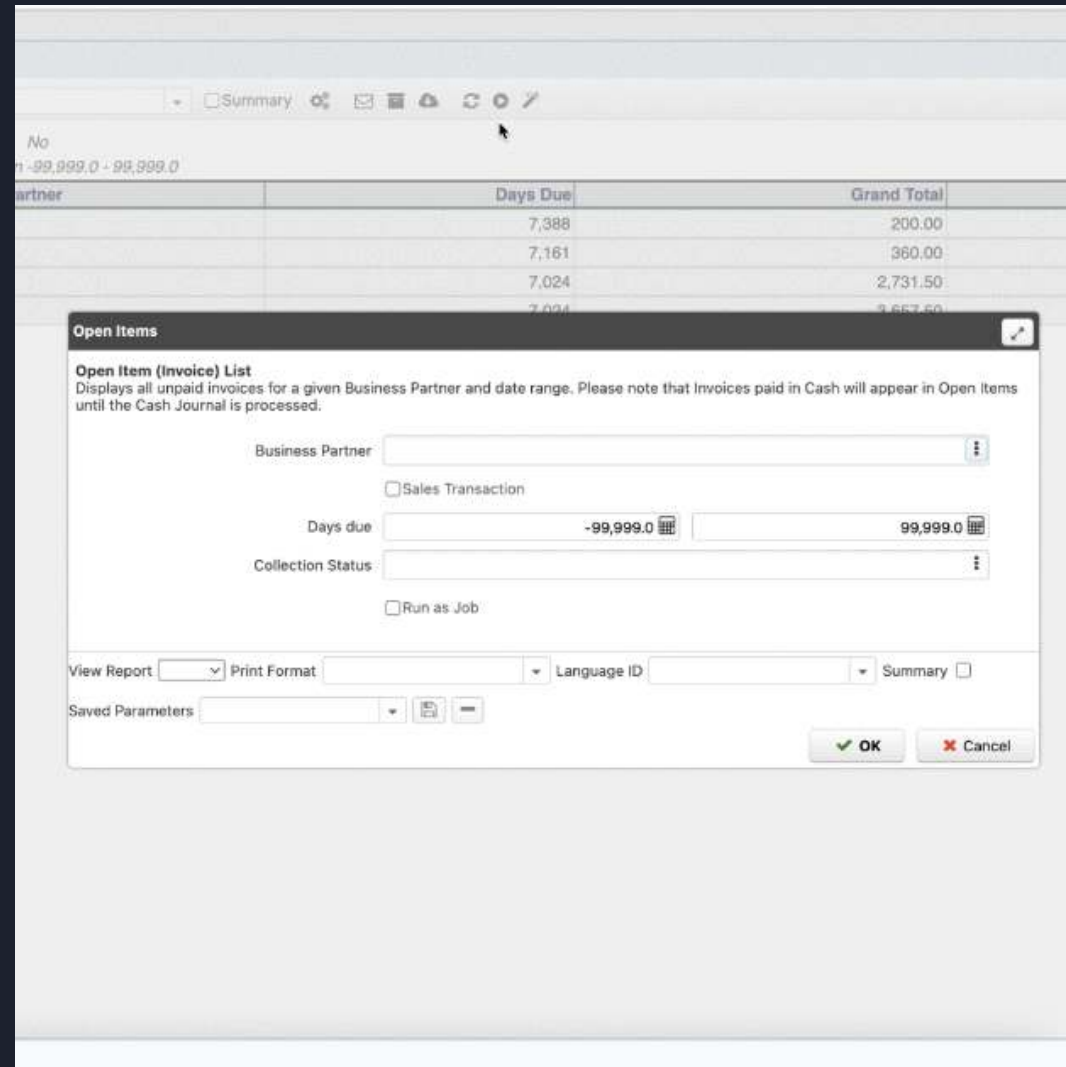
# Features around v10

iDempiere v10

Contribution



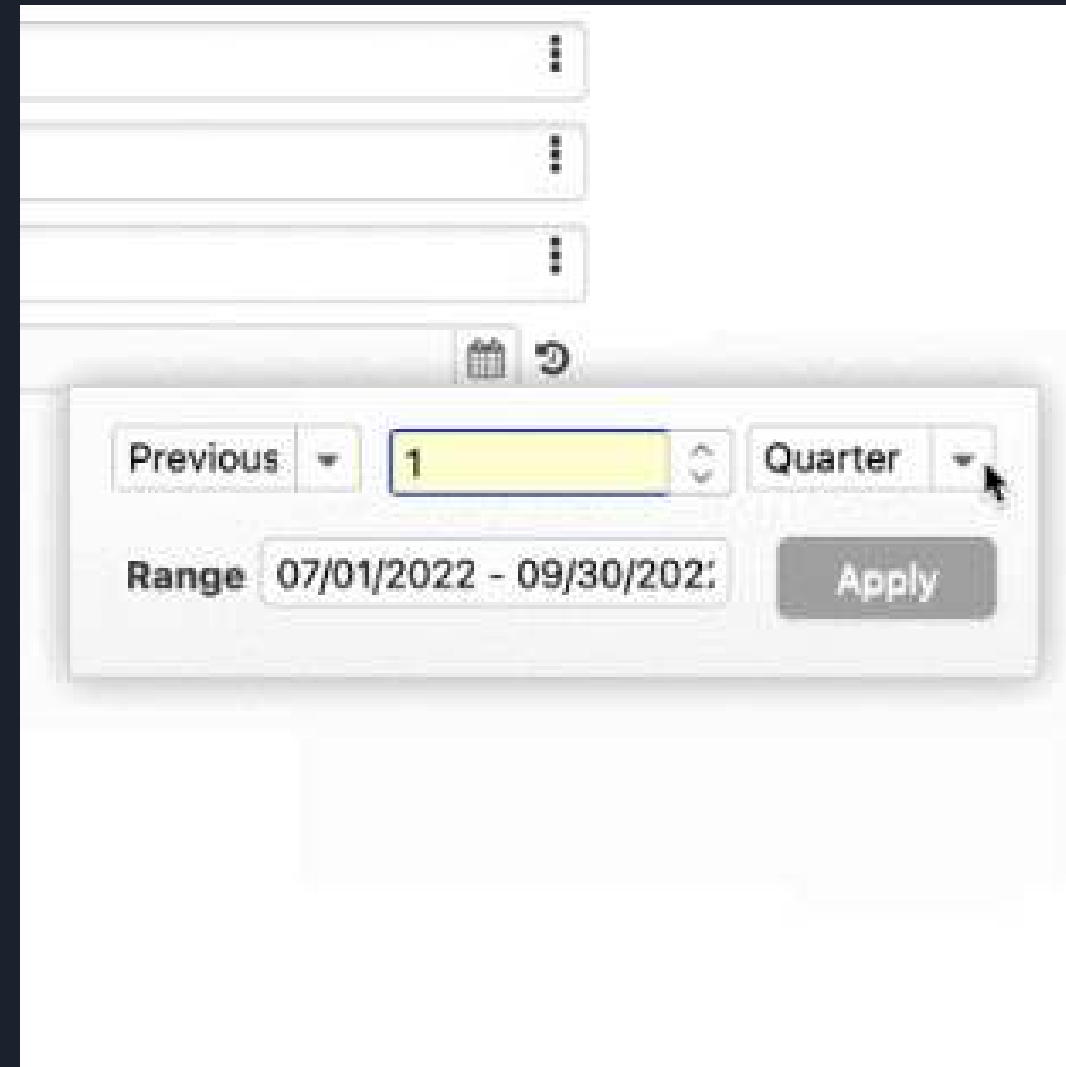
# #1 UX changes in v10



## Feature: re-open report

Aspect: timesaver, less navigation, annoying

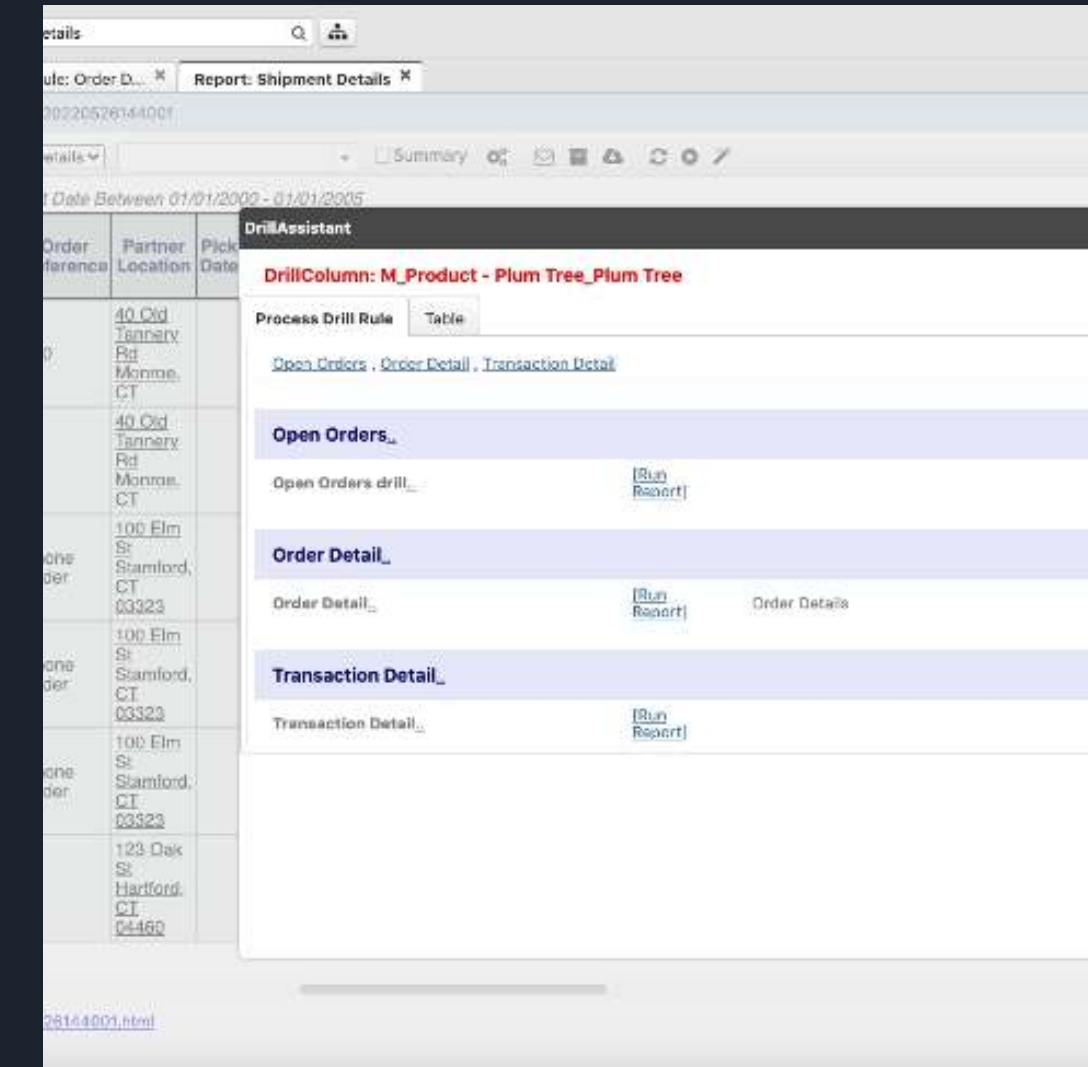
[https://wiki.idempiere.org/en/NF10\\_Tabular\\_Report\\_Re\\_Run](https://wiki.idempiere.org/en/NF10_Tabular_Report_Re_Run)



## Date range component

Aspect: best practices

[https://wiki.idempiere.org/en/NF10\\_Date\\_Range\\_Component](https://wiki.idempiere.org/en/NF10_Date_Range_Component)  
aspect: best practices



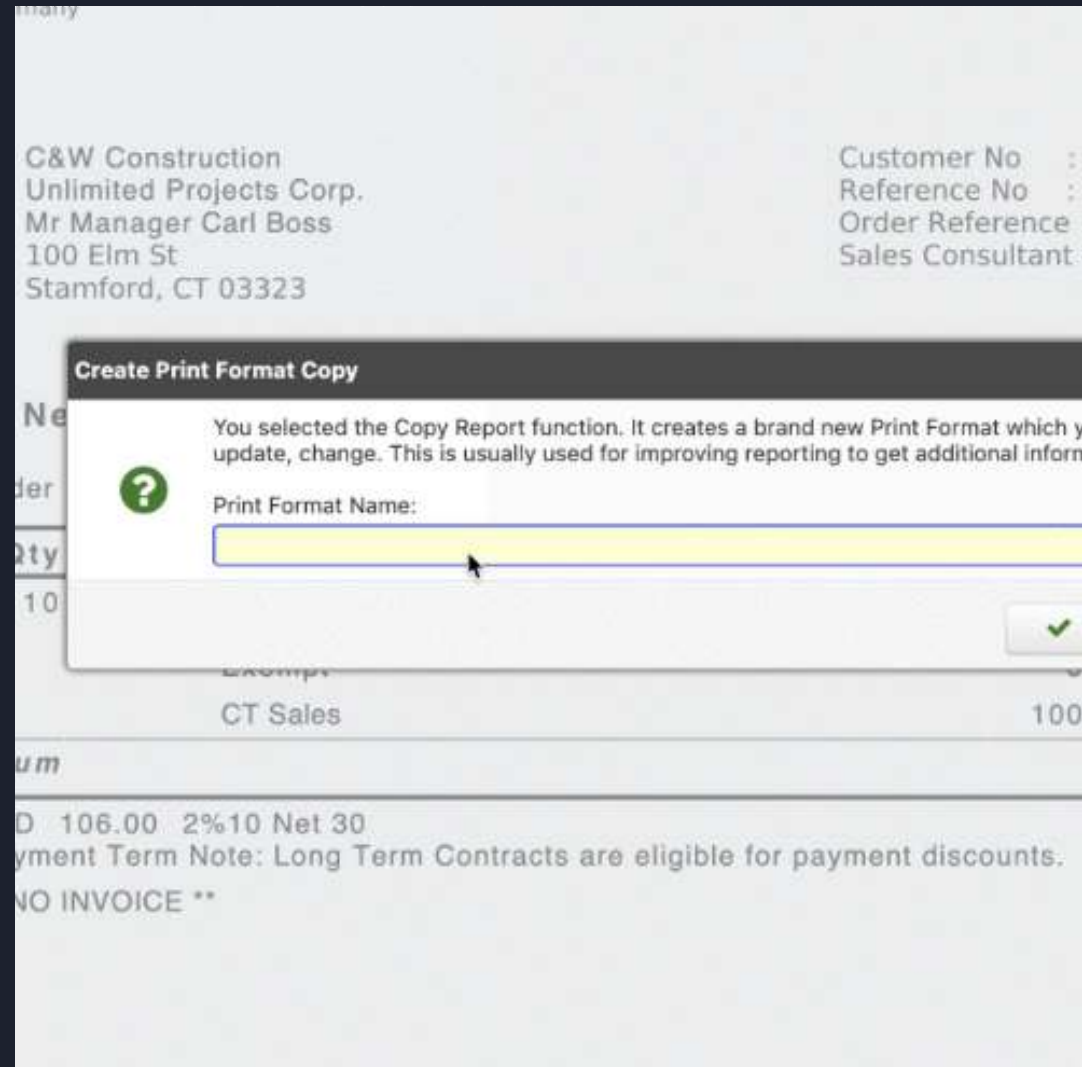
## Drill rule

Aspect: timesaver, less navigation, annoying

[https://wiki.idempiere.org/en/NF10\\_DrillAssistant](https://wiki.idempiere.org/en/NF10_DrillAssistant)



## #2 UX changes in v10



### Print format copy

Aspect: annoying, dat consistency, hell

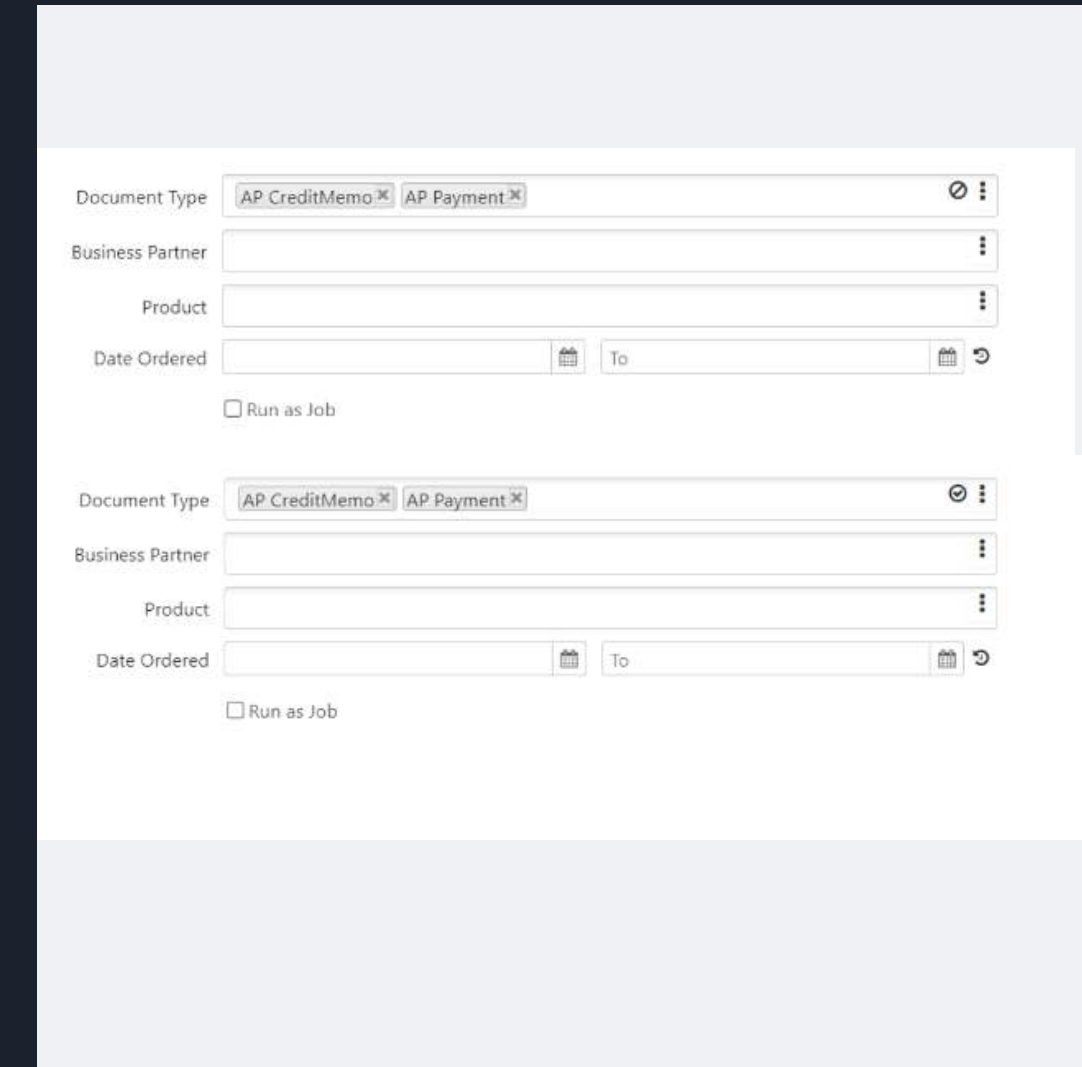
[https://wiki.idempiere.org/en/NF10\\_Copy\\_Print\\_format\\_With\\_Dialog](https://wiki.idempiere.org/en/NF10_Copy_Print_format_With_Dialog)



### Client Side ZK

Aspect: performance

[https://wiki.idempiere.org/en/NF10\\_Copy\\_Print\\_format\\_With\\_Dialog](https://wiki.idempiere.org/en/NF10_Copy_Print_format_With_Dialog)



### Negate option for multiple component parameter

Aspect: practical

[https://wiki.idempiere.org/en/NF10\\_Negate\\_Option\\_for\\_Chosen\\_Multiple\\_Component\\_parameter](https://wiki.idempiere.org/en/NF10_Negate_Option_for_Chosen_Multiple_Component_parameter)



# Dashboarding feature

Increasing attractiveness

Dashboards

Data visualisation



# #3 UX changes in v10

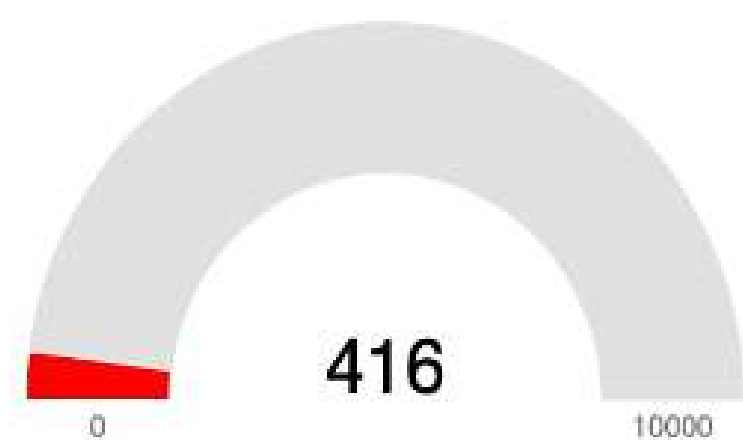
## Status lines

**23,988 EUR**  
 ▼ -76.3 %  
 vs 101,362 previous period

## KPI metrics panel



## Performance goals



## Charts (pie, stacked, combined, etc.)



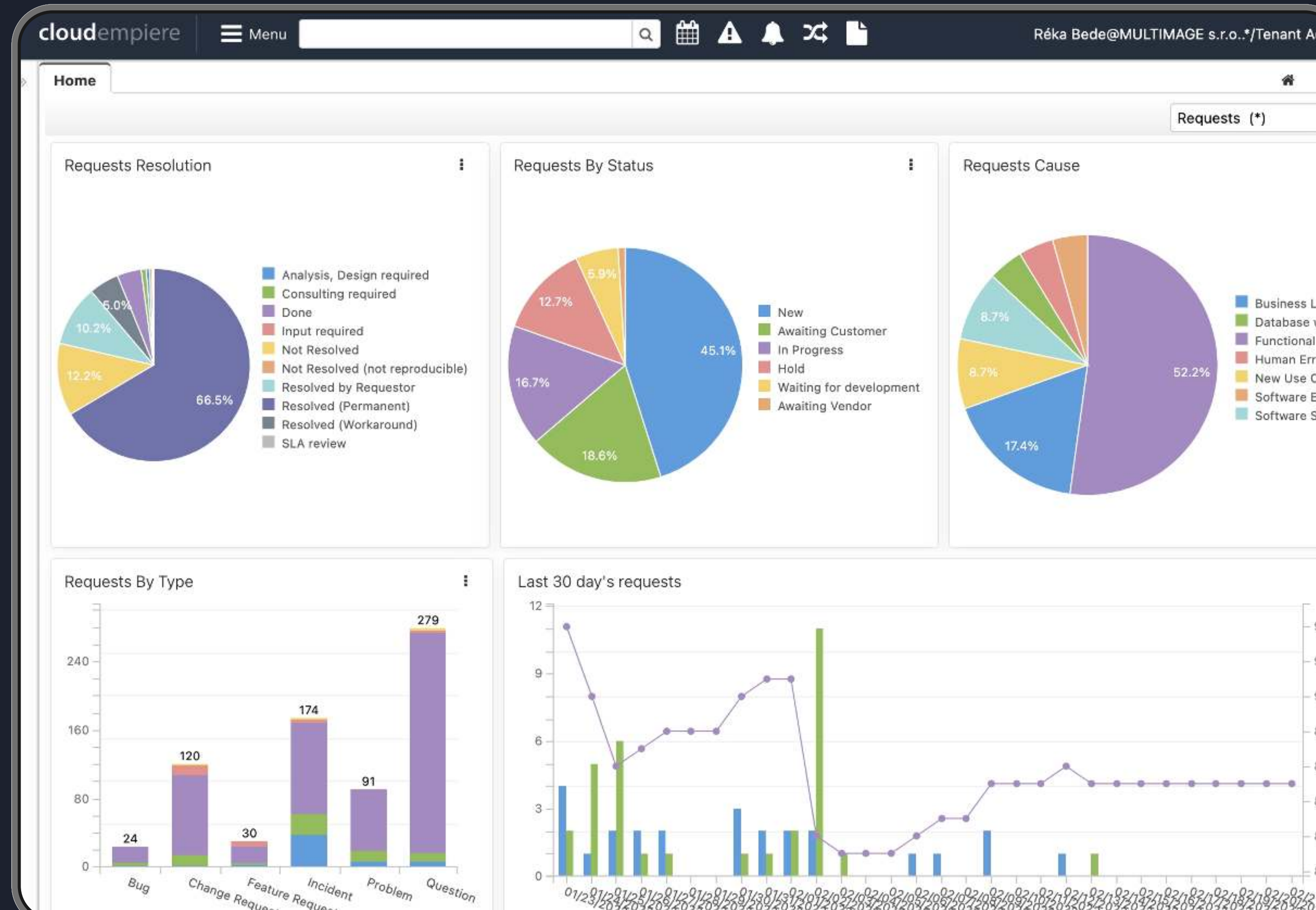
## #4 Multi-dashboard

Introduce define multiple dashboards, allow to select or predefine per roles/clients (Status: preview at cloudempiere)

## #5 Advanced dashboard

**Goal:** replace external basic BI, inbuilt to make interactive, operative, management, strategical dashboards.

This is for minimalistic drilling, filtering and display data, not ineeded to replace external BI systems like PowerBI, Metabase, SuperSet etc.





# Dashboard improvements

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- **Dashboard Row Orientation**

[https://wiki.idempiere.org/en/NF10\\_Dashboard\\_Row\\_Orientation](https://wiki.idempiere.org/en/NF10_Dashboard_Row_Orientation)

**Status Line As Dashboard Widget**

[https://wiki.idempiere.org/en/NF10\\_Status\\_Line\\_As\\_Dashboard\\_Widget](https://wiki.idempiere.org/en/NF10_Status_Line_As_Dashboard_Widget)

**Dashboard Content Goal Indicator**

[https://wiki.idempiere.org/en/NF10\\_Dashboard\\_Content\\_Goal\\_Indicator](https://wiki.idempiere.org/en/NF10_Dashboard_Content_Goal_Indicator)

**Styles On HTML Report columns**

[https://wiki.idempiere.org/en/NF10\\_Styles\\_On\\_HTML\\_Report\\_columns](https://wiki.idempiere.org/en/NF10_Styles_On_HTML_Report_columns)

**Replace jfreechart library to billboard.js (D3.js library)**

<https://idempiere.atlassian.net/browse/IDEMPIERE-5402>

**Async rendering - performance**

<https://idempiere.atlassian.net/browse/IDEMPIERE-5527>





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**Thank you.**

Contact: [www.cloudepriere.com](http://www.cloudepriere.com)

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