



Actionable Insights On Demand

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VIVISOL | A brief intro



Home care company specialised in the respiratory field.
Supporting patients, professionals and healthcare organisations.



Sleep-related
breathing disorders



Oxygen therapy



Ventilation therapy



Application Management Services (AMS)

- Changes and maintenance of the core systems

Innovations

- Application development, integration, process management etc.

Data analytics

- Reporting, dashboarding, improving data literacy

IT support & infrastructure

- Workplace management
- Connectivity, servers & cloud
- Security

IT teams NL

3

teams

22

people

A lot

projects

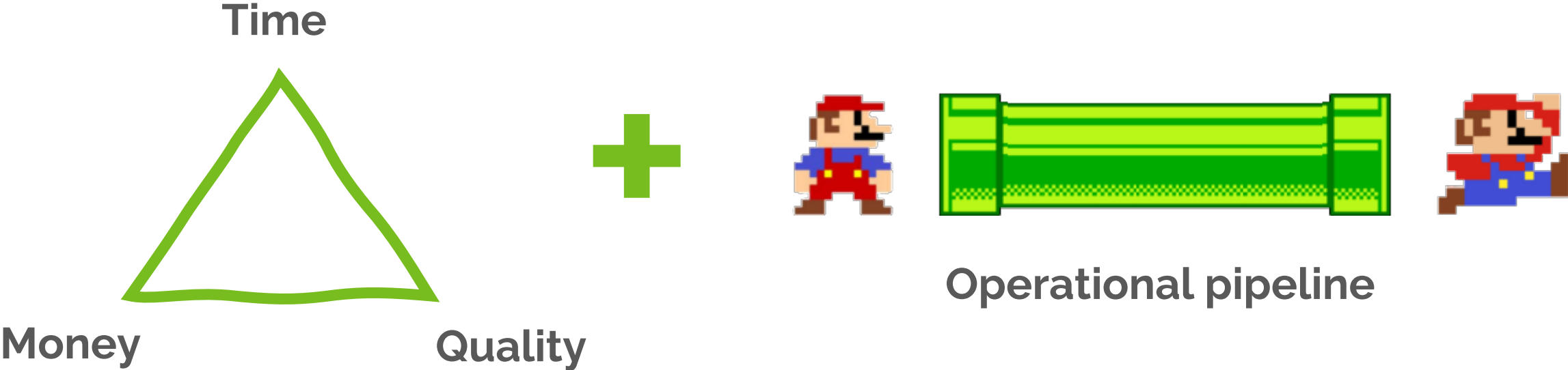
1. Without raising a ticket, an issue doesn't exist.

2. Everything is possible.

1. ~~Without raising a ticket, an issue doesn't exist.~~

2. **Everything is possible.**

Everything is possible-*ish*



So why **KNIME**?

Time

- Plug and play: easy integration
- Learning curve is awesome

Quality

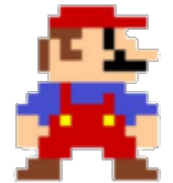
- Architecture is transparent
- Traceability and logging
- Intermediate result

Operational pipeline

- Impact is limited
- Architecture is tested, proven before embedding in existing core systems

Money

- No developers/ architects mandatory
- Built in existing license model



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- **Risk reduction**
 - **Time to market**

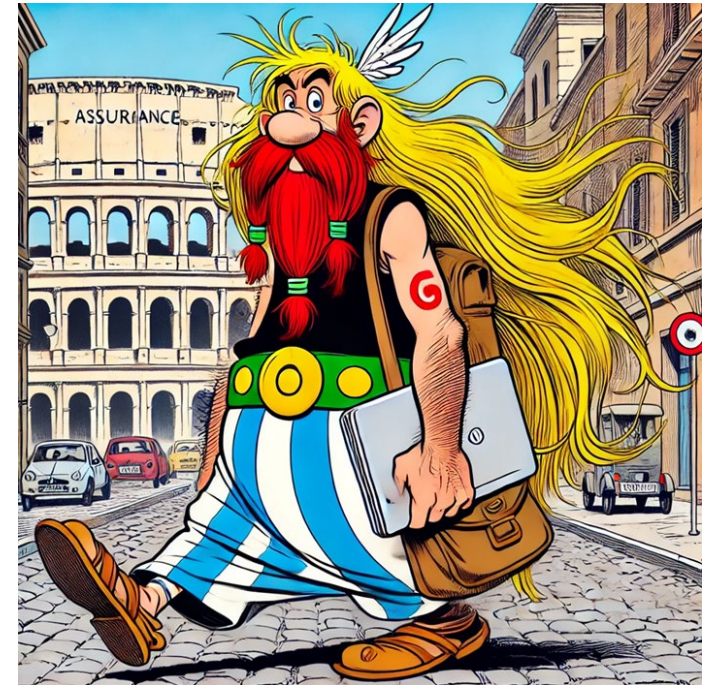


KNIME at Vivisol: Initial Adoption

- Gap measure for reporting
- Operational activity lists
- Data validation

Challenges

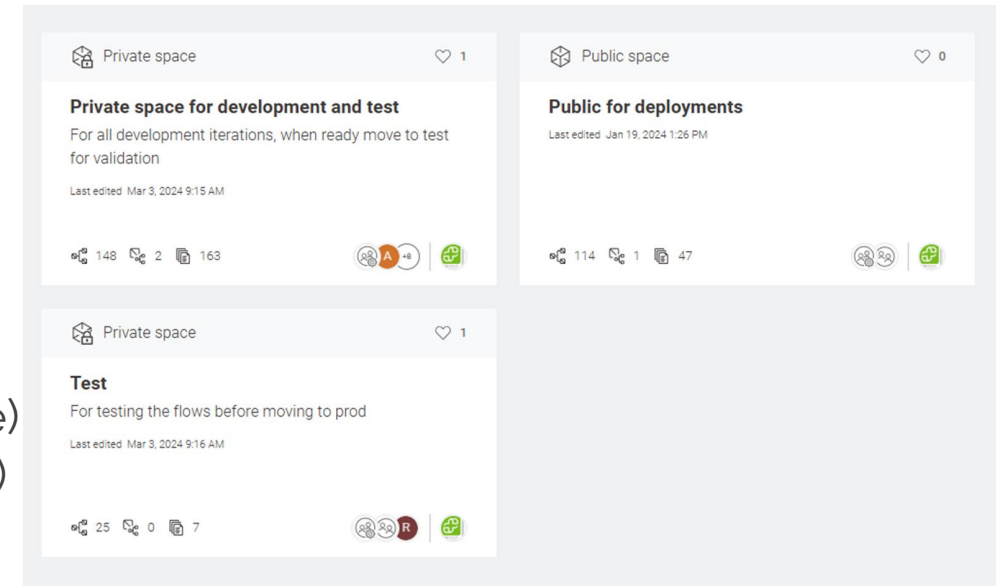
- Business units needing faster access to data
- IT team burdened with being the "execution layer" for analytics
- Difficulty maintaining and monitoring such a high volume of manual processes



The Shift

The KNIME Business Hub

- Local physical server hosting the hub referred to as 'hubby' (/ˈhʌ.bi/)
- Spaces are set up like a deployment pipeline
- Distinction between:
 - **technical** flows (ETL, migration, specialist usage)
 - **user** flows (to be used / designed by key-users)
 - **data apps** (always for end users)



Introduction of Data Apps

- > UI driven **interaction** with data
- > fully in line with the **expectation** there is an **application** for everything
- > Governs the use of data

Deployment through the Hub **for self-service access.**

Driving Self-Service | Sales



Use Cases

- **Sales budget:** budget entry is managed in a data app instead of excel
- **Customers sales reports:** data is instant available for account managers on the activities performed and sales for customers

Benefits realized:

- Data is readily available -> no manual updates or sends (> 0.2 fte)
- No quest to find the latest budget version (few hours, saves a lot of frustration)



Aanvragen

TREATMENT	Name	Account_External_Id__c	Year	1	2	3	4	5	6	7	8	9	10	11	12
PAP		0100253209	2024												
PAP		0100253209	2025												
PAP		0100253209	2026												

Showing 1 to 3 of 3 entries

Hiernaast een overzicht met de aanvragen van het geselecteerde ziekenhuis.

Je kunt de cijfers voor 2026 aanpassen door:

1. De slider te verschuiven en daarna op de knop bereken te klikken.
2. Door te dubbelklikken in het vakje dat je wilt aanpassen.

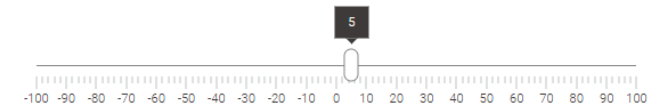
Ben je tevreden met het budget klik dan op Next om het op te slaan. Wil je niks veranderen dan kun je annuleren.

Onderaan vindt je het budget wat al eerder is ingevuld. (Het laatste opgeslagen budget wordt gebruikt)

Line Plot



Verwachte groei in 2026 %



Driving Self-Service | Services

Use Cases

- **Routing overview:** interactive view of all scheduled operators to optimize routing
- **Services dashboard:** advanced analytics insights on services/operator utility

Benefits realized:

- Increased quality of routing without manual comparison
- Utilization dashboard allows for capacity management



ver (#SA - SL - Times)

[REDACTED]	(8)	(4.0 hrs // 65% travel // 160 km)
[REDACTED]	(9)	(3.9 hrs // 62% travel // 141 km)
[REDACTED]	(9)	(4.1 hrs // 63% travel // 130 km)
[REDACTED]	(4)	(2.4 hrs // 75% travel // 118 km)
[REDACTED]	(7)	(2.7 hrs // 56% travel // 85 km)
[REDACTED]	(9)	(4.5 hrs // 67% travel // 140 km)

Datum vanaf

2023-01-01

Datum tot

2025-06-27

Today

Selecteer hieronder wie plant:

Excludes

Ziekenhuis
Ziekenhuis/Vivisol

Includes

> Vivisol

Klik om te verversen

Refresh

Rows: 14 | Columns: 10

<input type="checkbox"/> Maand Local Date	<input type="checkbox"/> Aantal opdrachten per ... String	<input type="checkbox"/> Reistijd (per opdracht) String	<input type="checkbox"/> Tijd afspraak (per opdr... String	<input type="checkbox"/> Totale tijd (per opdracht) String	<input type="checkbox"/> Rooster SF per medewe... String	<input type="checkbox"/> Absence per medewer... String	<input type="checkbox"/> Beschikbare tijd per me... String	<input type="checkbox"/> Geplande tijd per mede... String	<input type="checkbox"/> Utilization beschikbare ... String
<input type="checkbox"/> 2024-01-01	4.9	0.48	0.61	1.09	8.2	1.2	6.5	5.3	81%
<input type="checkbox"/> 2024-02-01	4.8	0.47	0.62	1.09	8.3	1.0	6.8	5.2	77%
<input type="checkbox"/> 2024-03-01	5.0	0.49	0.63	1.12	8.3	0.8	7.0	5.6	80%

Lessons learned & Best practices

Designing for reuse

- Build you flow with the Data-app in mind
- Modular flow development.
- Templates for consistent UX across Data Apps

Organizational alignment

- Importance of onboarding business users
- Communicating the value of KNIME Data Apps internally

Change management

- Moving teams from “send a request to IT” to “click and get what you need.”
- Invest in a proper support pipeline
 - User management
 - Secrets
 - Access to spaces, flows and data apps



Automation roadmap

- Further automation of monitoring, logging, and alerting.
- More advanced use cases: integrating ML models, external APIs
- Improved VIVISOL styling for apps and flows

Scaling

- Onboard more business units
- Plans to roll out across more Vivisol countries
 - Currently in use in NL, DE, AT



Thank you for listening!

