

VFM from nybl

DRIVE EFFICIENCIES WITH
VIRTUAL FLOW METER



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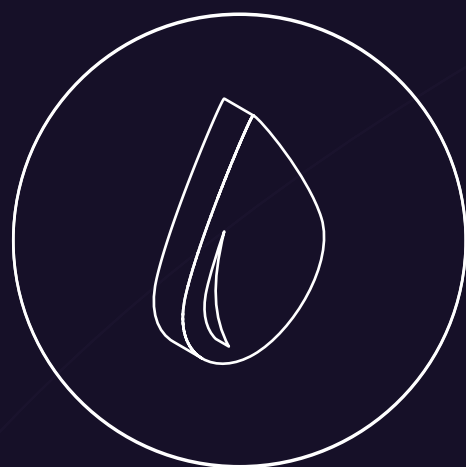
**DEMOCRATIZING AI BY ELIMINATING THE TECHNICAL
BARRIERS OF DEVELOPING MACHINE LEARNING
MODELS AND AI APPLICATIONS**

NOOR ALNAHHAS - CEO, NYBL

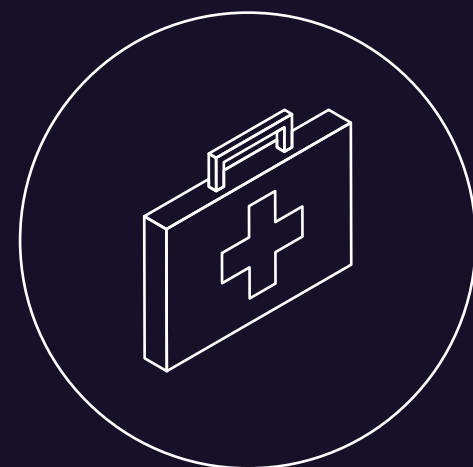
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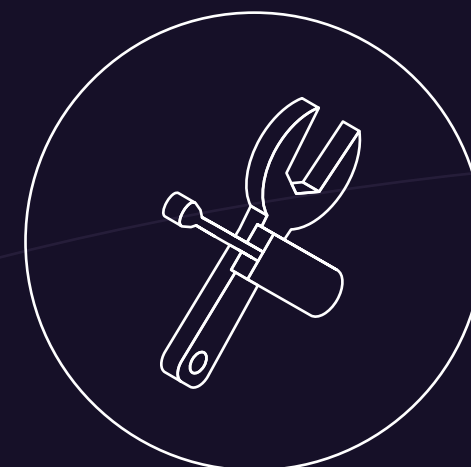
VFM SPANS INDUSTRIES



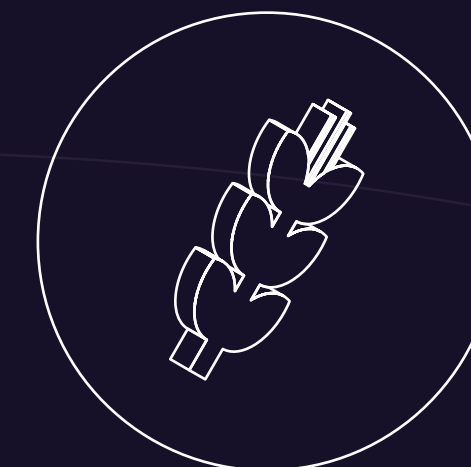
Oil & Gas



Pharmaceutical



Utilities



Food



ORGANIZATIONS MUST ADDRESS CHALLENGES TO STAY COMPETITIVE



1

Complex and expensive tasks associated with metering measurement activities



2

Negative impact metering measuring activities has on costs and overall efficiency of operations



3

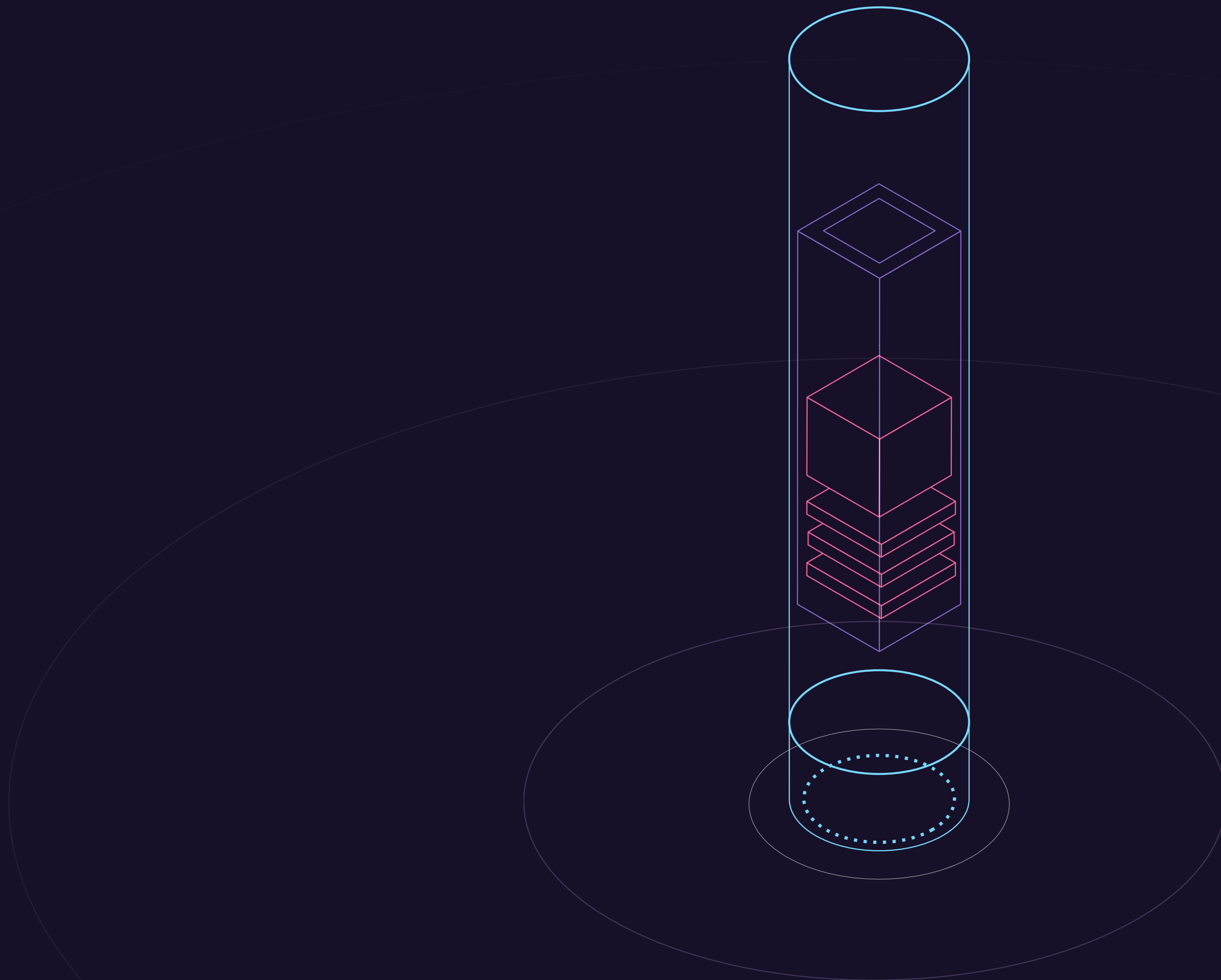
Unknown variables due to lack of having real-time visibility on flow rates



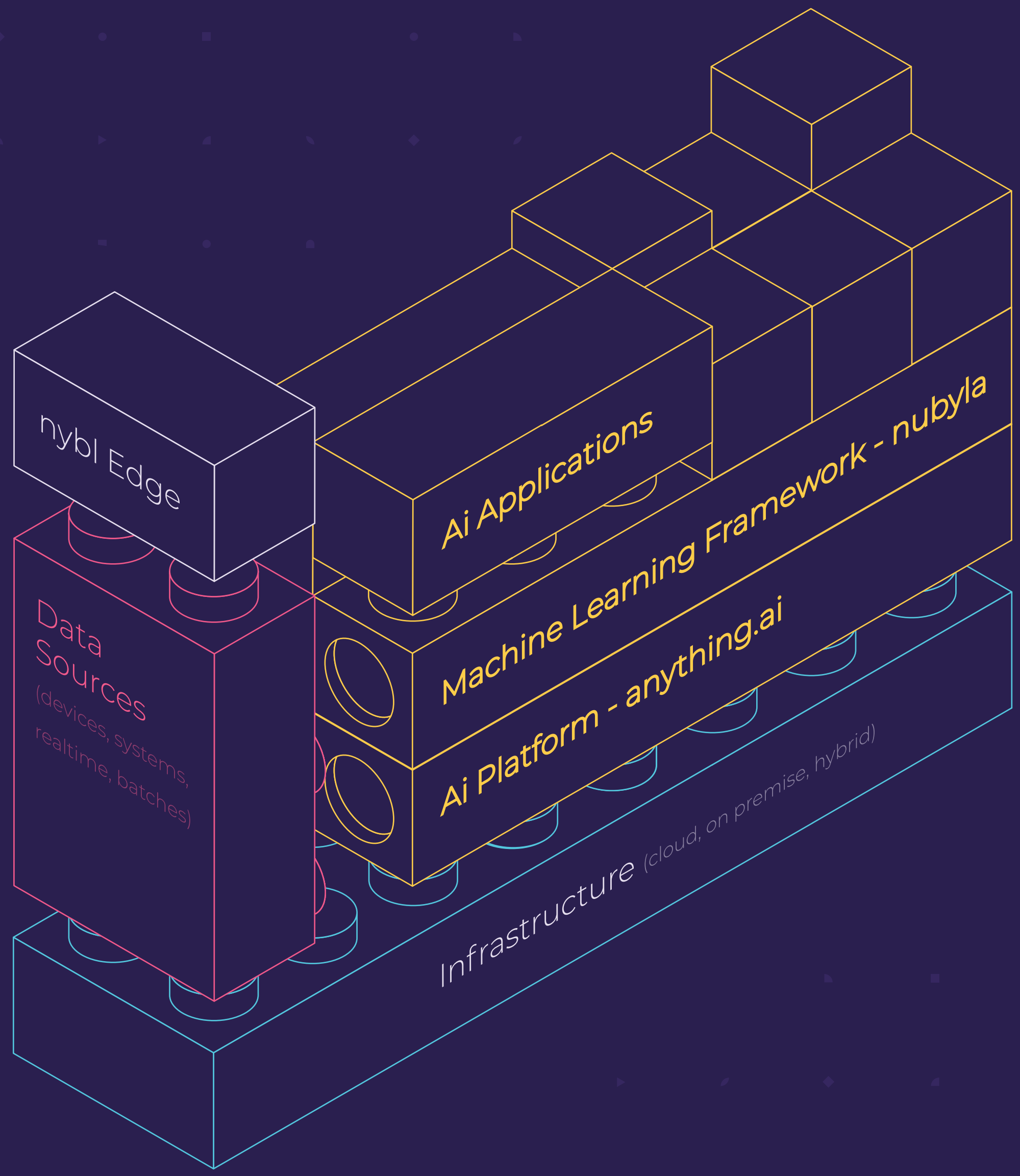
4

Difficulty in identifying losses or leaks in flow.

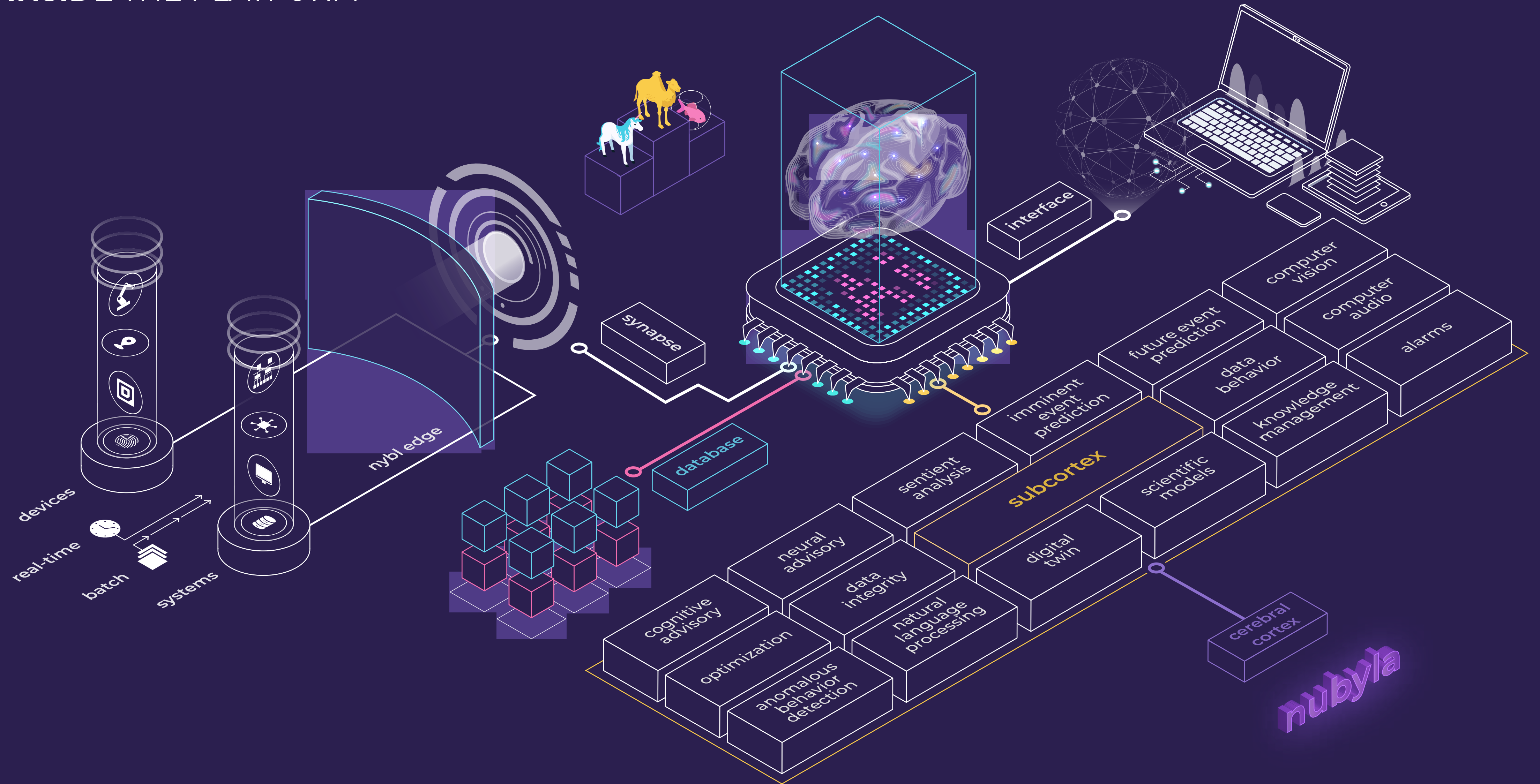
NYBL'S AI PLATFORM



nybl **technology overview**

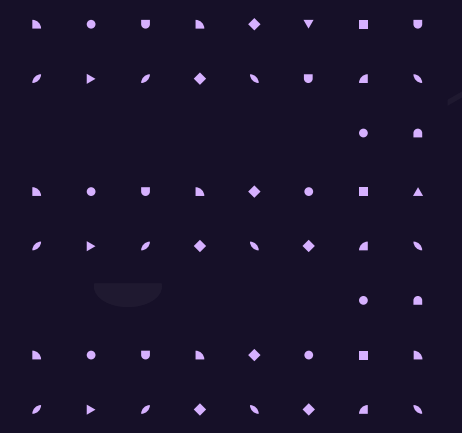
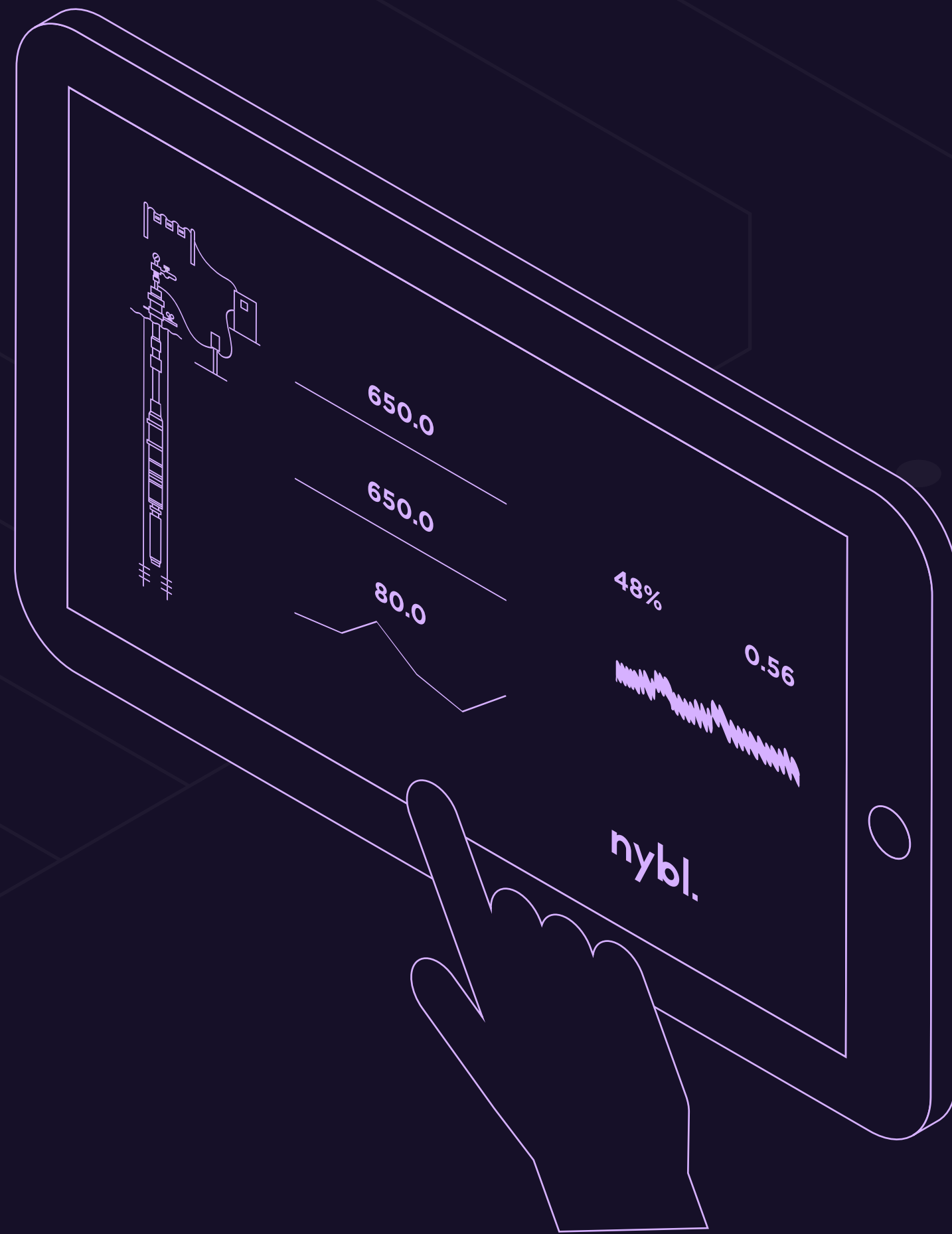


INSIDE THE PLATFORM



INTRODUCTION TO

VFM from nybl



BUILDING BLOCKS FOR SUCCESS**Solutions to help organizations succeed****Pain points**

Lack visibility into production rates and flow levels

frequent field trips to maintain and fix issues

Lack of visibility into how long an asset will live and how much it will cost to ensure organization is getting most out of their investment

Desired outcomes

Looking for a solution where they can have full visibility into production rates and flow levels for their operations, to provide them with the ability to report back to management and align their goals with organizational strategy

The ability to address issues early on with remote identification of losses, or leaks before they cause larger problems.

Having access to technology which provide insights into asset performance, helping facilitate long-term forecasting and capital investment planning which provides insights into the cost of owning and operating equipment.

Solution benefits

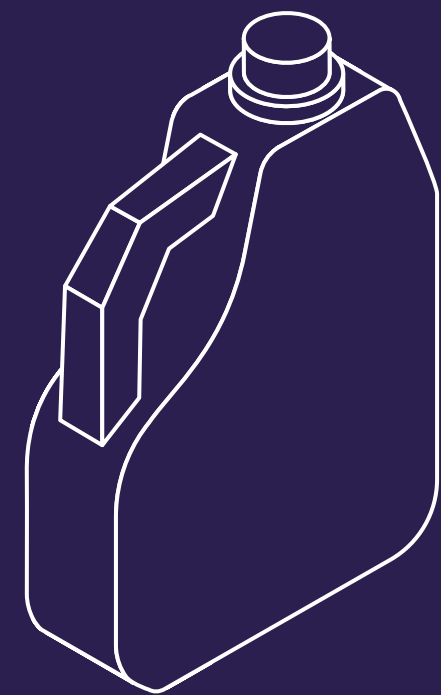
Provides organizations with an automated method for estimating flow rates of multiphase transfer systems

Virtual flow metering addresses issues early on by remotely identifying and remediating losses or leaks before they cause larger problems, helping to avoid disruptions that can be costly to the business.

Enables the nature of problems to be identified before they become larger issues. Helps make the required maintenance significantly less expensive improving the cost of ownership of the asset both long and short term

APPLICATIONS

Virtual flow metering provides organizations with an effective method for estimation of multiphase flow rates in fluid production and transfer systems, automating the process, and eliminating the need for manual and time-consuming calibration tests.



**Flow metering
for Oil**



**Flow metering
for gas**



**Flow metering
for liquids**

SOLUTION DEPLOYMENT

pre-trained & pre-configured ML models allow for rapid development & deployment of Ai applications



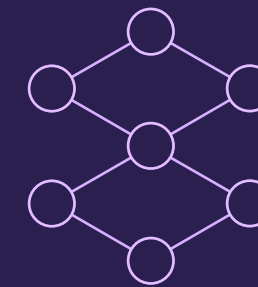
Deployment on dedicated servers contained within a secured network



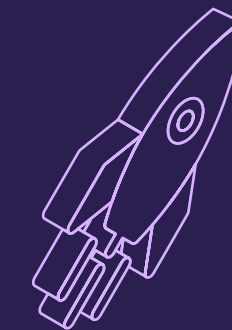
Public or private cloud deployment with full integration & solution compatibility



Flexible deployment options



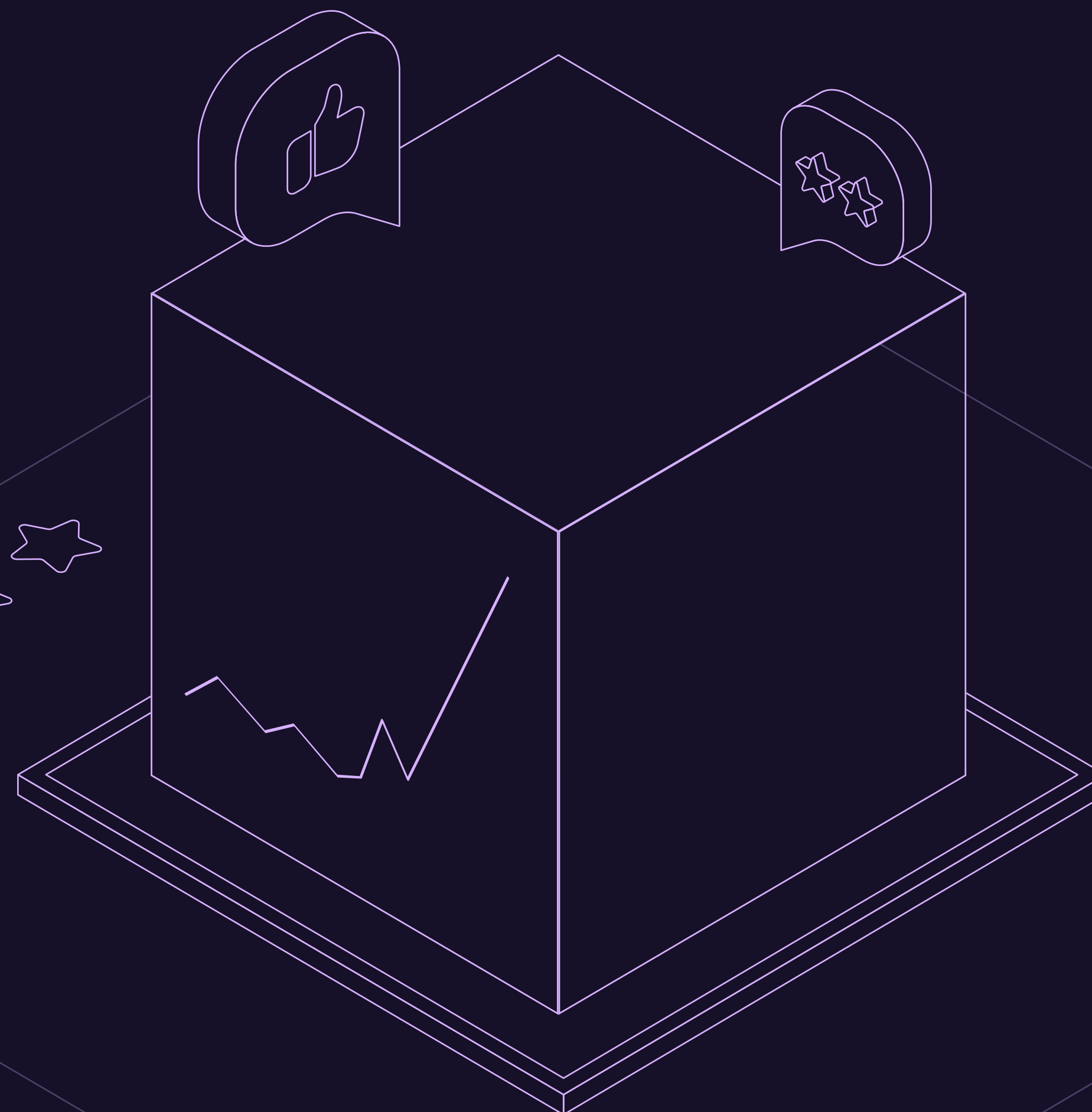
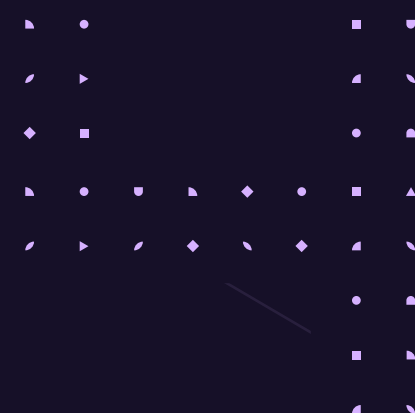
Seamless integration



Rapid deployment and connectivity

WHAT CUSTOMERS

ARE SAYING

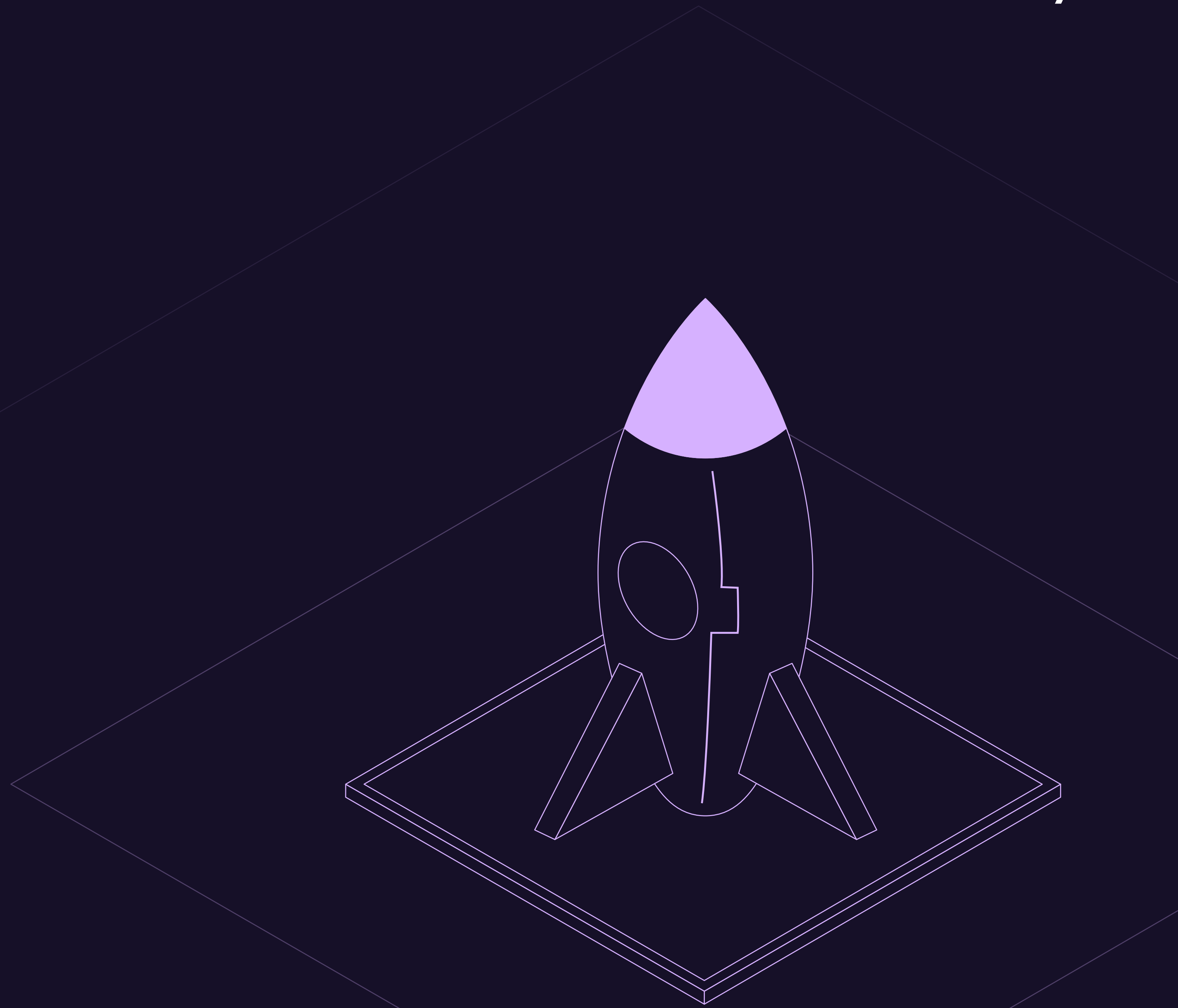
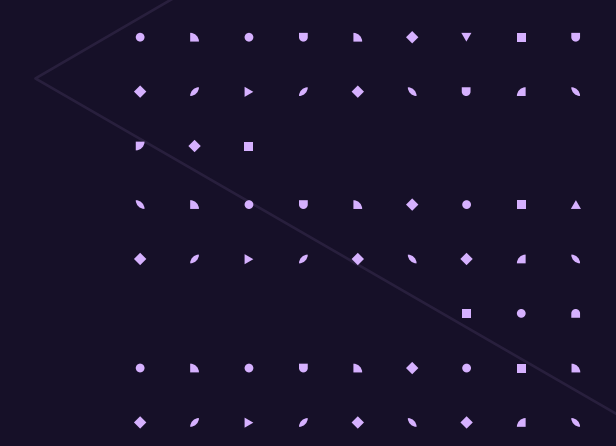


MAJOR OIL OPERATORS AND INDUSTRY LEADERS TRUST NYBL TO MANAGE & OPTIMIZE THEIR ASSETS

our solution integrates seamlessly with ANY existing devices, systems and / or infrastructure that your organizations have already invested in



NEXT STEPS



NEXT STEPS**4. proof of value**

Proof of concept to showcase the value of VFM

3. business case

Identify and calculate the desired business & operations benefits

1. introduction

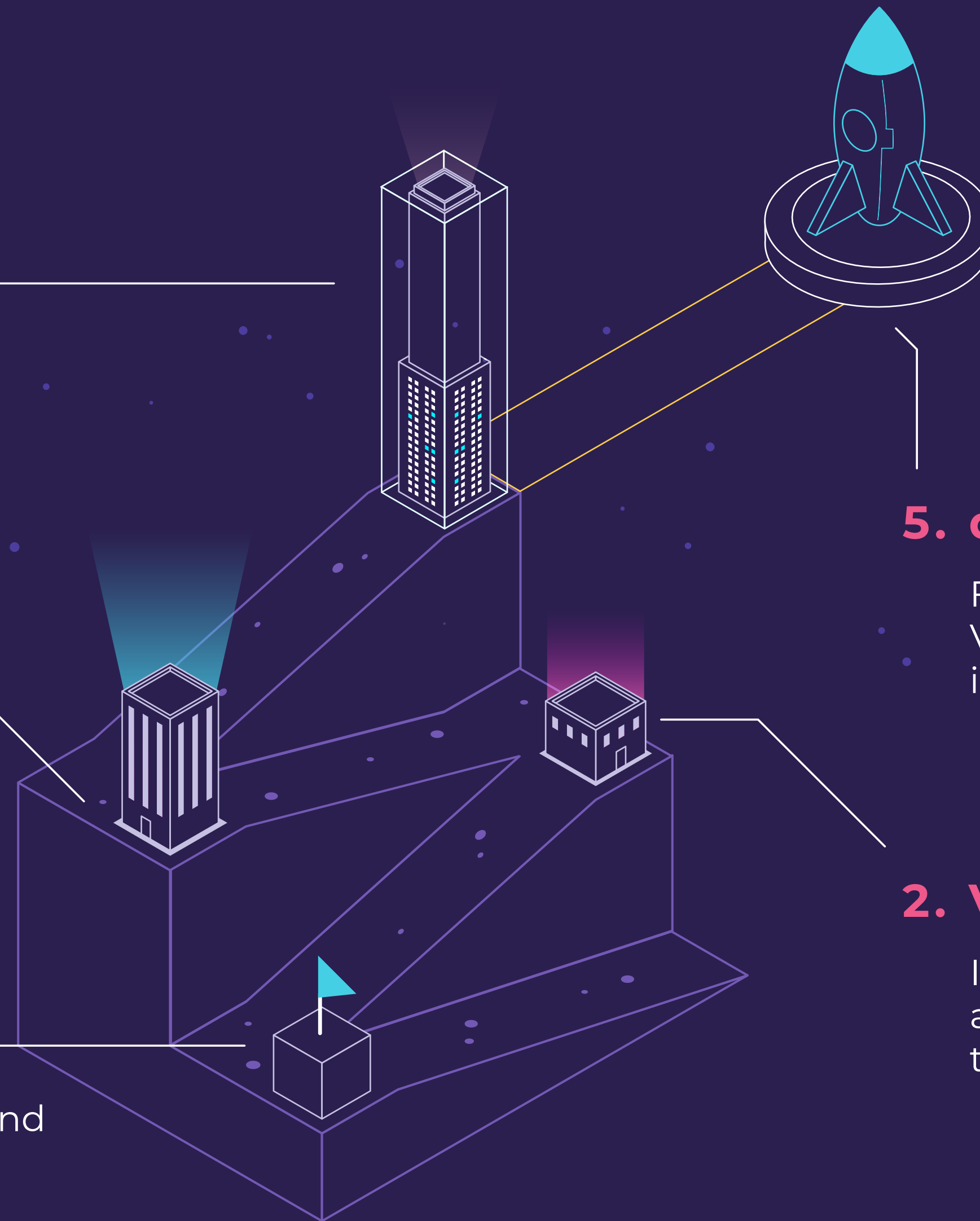
We spend time with you to understand your goals, challenges, your needs and how VFM can assist you

5. deployment

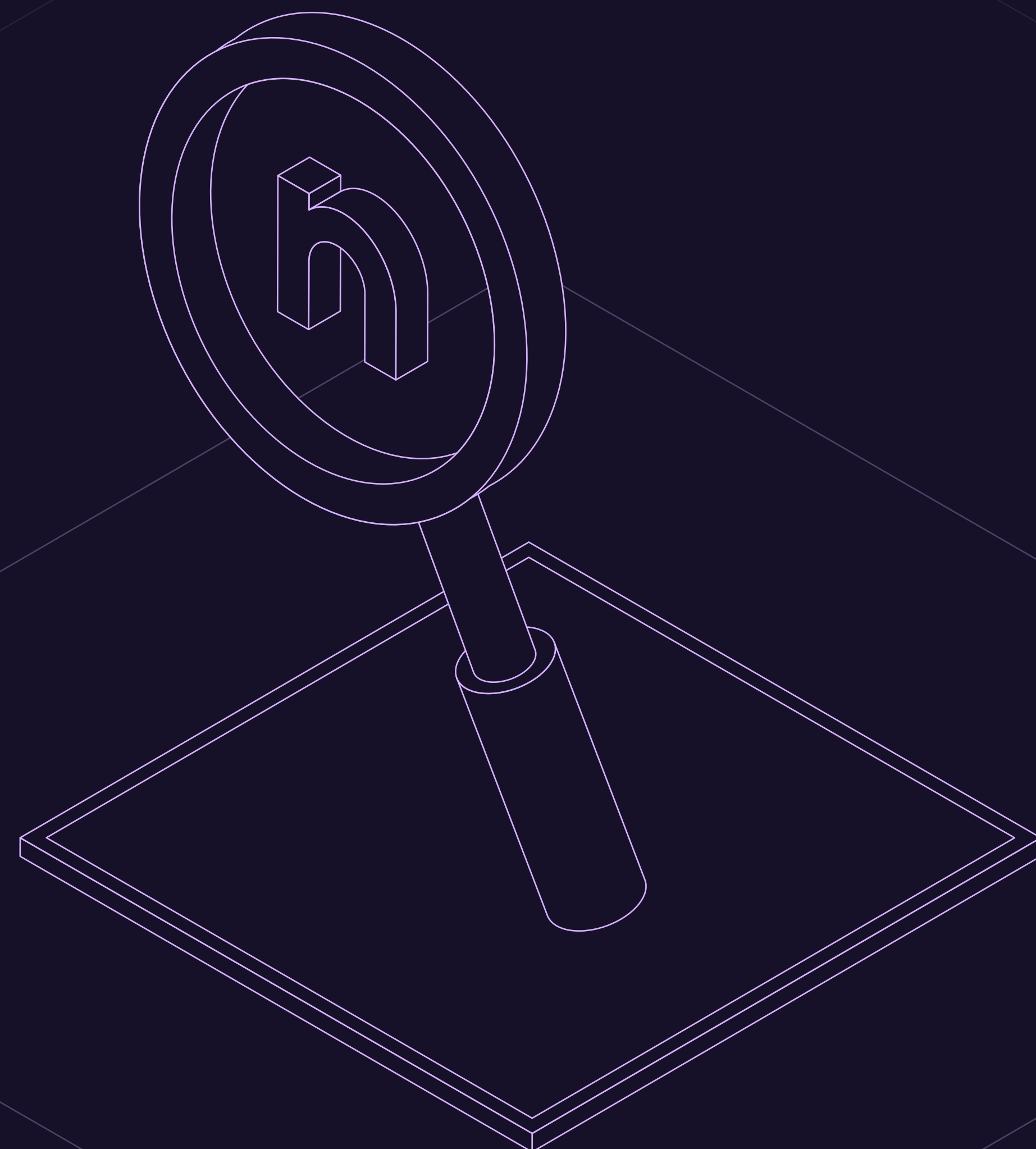
Following approval we will deploy VFM - delivering results in days instead of months

2. VFM

Involve the relevant stakeholders and demonstrate how we help you to achieve your desired outcomes



ABOUT NYBL



THE NUMBERS DO THE TALKING



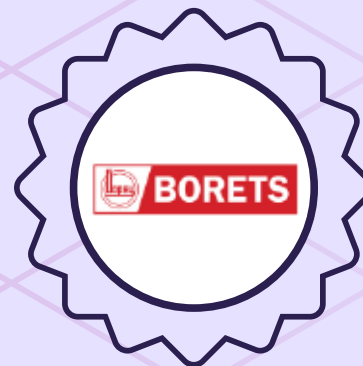
5% oil production increase
30% equipment lifecycle extension



AED 100M annual savings
3M papers saved annually



87% savings in inventory management
85% savings in inventory planning & purchasing





- ◆ OFFICES
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- CUSTOMER BASE
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- USA
- CANADA
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