

PLANTASJEN

RESHAPING LOGISTICS

INFOTEAM
NORWAY

2025



PLANTASJEN PLANTAGEN

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RESHAPING LOGISTICS

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LOGISTICS



FIX BASICS



CUT COSTS



MAKE IT EASE



AI FUTURE



About Vince

An international family of over 70 dedicated employees. All working hand-in-hand, making sure every Infor M3 user gets the best experience possible. Services span across M3 consulting, products and generic solutions.



Platform

Streamline your supply chain with a low-code platform that delivers faster automation, reduces errors, and adapts seamlessly to your M3 business needs.



Data Maintenance

Gather all relevant data in one place, with our **Excel Add-in**. Make changes and upload them back to M3 with a single click.



Compliance

Simplifying compliance with features like Segregation of Duty rules and audit trails, ensuring alignment with industry standards and auditor requirements, giving you a 360 overview.



Monitoring

Allows businesses to manage and analyse their entire supply chain from one interface, integrating data across multiple systems.



Integrations

Transforming data into the required formats, automates API workflows, and provides advanced tools like microservices and backend integrations.

VXL

VBU

VSE

Live

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About Plantasjen



Logistics at Plantasjen



Fix the Basics



Cut Costs



Make it Easy



AI Future

Plantasjen will deliver the most inspiring Nordic Garden Experience, for a growing life with positive impact for people, planet and profit



Vision & Mission

Plantasjen will deliver the most inspiring Nordic Garden Centre, for a growing life. We help more people embrace the benefits of a growing life.



Situational Review

Plantasjen with major part of categories placed in a profitable, growing markets. Weather based seasonality drives need to develop additional products and services for non peak months.



Strategic Direction

Outright leader on inspiration, assortment, approachability and customer value



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AI Future

Plantasjen Business - The largest garden retailer in the Nordics with an annual turnover of ~4.1 billion NOK (non pandemic)

Nordic Market Leader



Plantasjen is the market leading garden retailer in the Nordics

90 stores in Norway and Sweden, mostly larger garden centers

Naturally, our products are in high demand during spring and the period April through June accounts for ~50% of annual sales

Plants and Complementary



Wide assortment of plants and accessories (~70% of sales) as well as other complementary garden products (~30% of sales) such as equipment and garden living e.g. furniture and BBQs

Our future growth will be driven by strong customer focus from sourcing products to delivering an excellent customer experience in physical stores & digital channels

Nordic Team – local focus



Plantasjen employs around 1 500 people who are all committed to realizing excellent results by working together, embracing a can-do attitude and by focusing on creating value for customers, colleagues and suppliers every day

Plantasjen got Gardeners and flower experts in nearly every location to serve customers based on local knowledge and experience

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The Challenge – get back from Covid and improve by 50%



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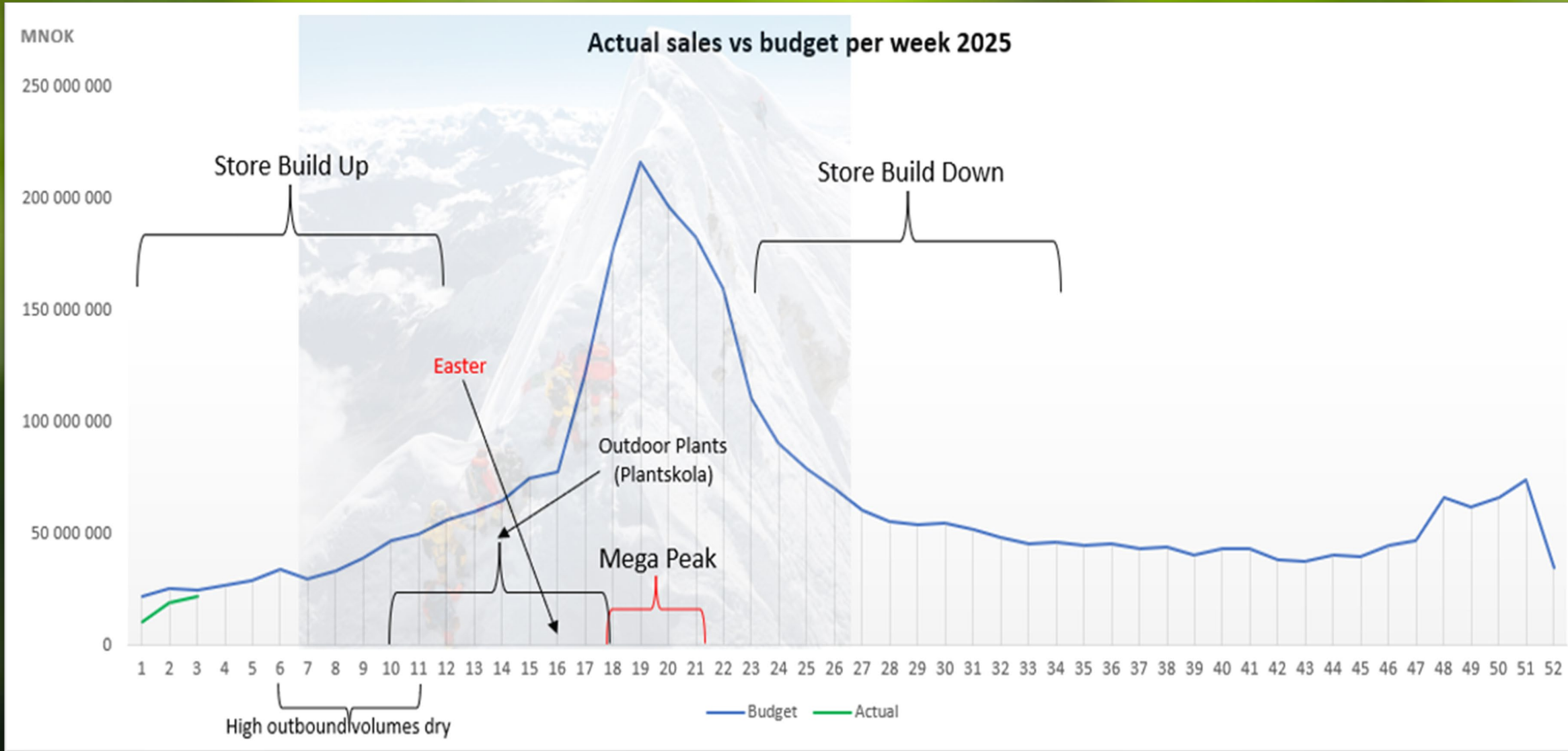
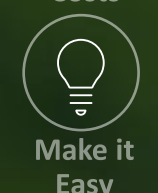
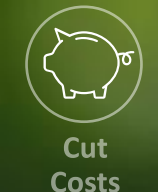
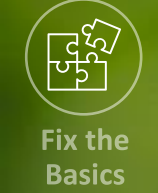
AI Future



- Logistic Setup 2025 (lowered fixed costs)
- Favorable KPI development (better processes)
- Logistic cost % of Sales (keep up the good work)

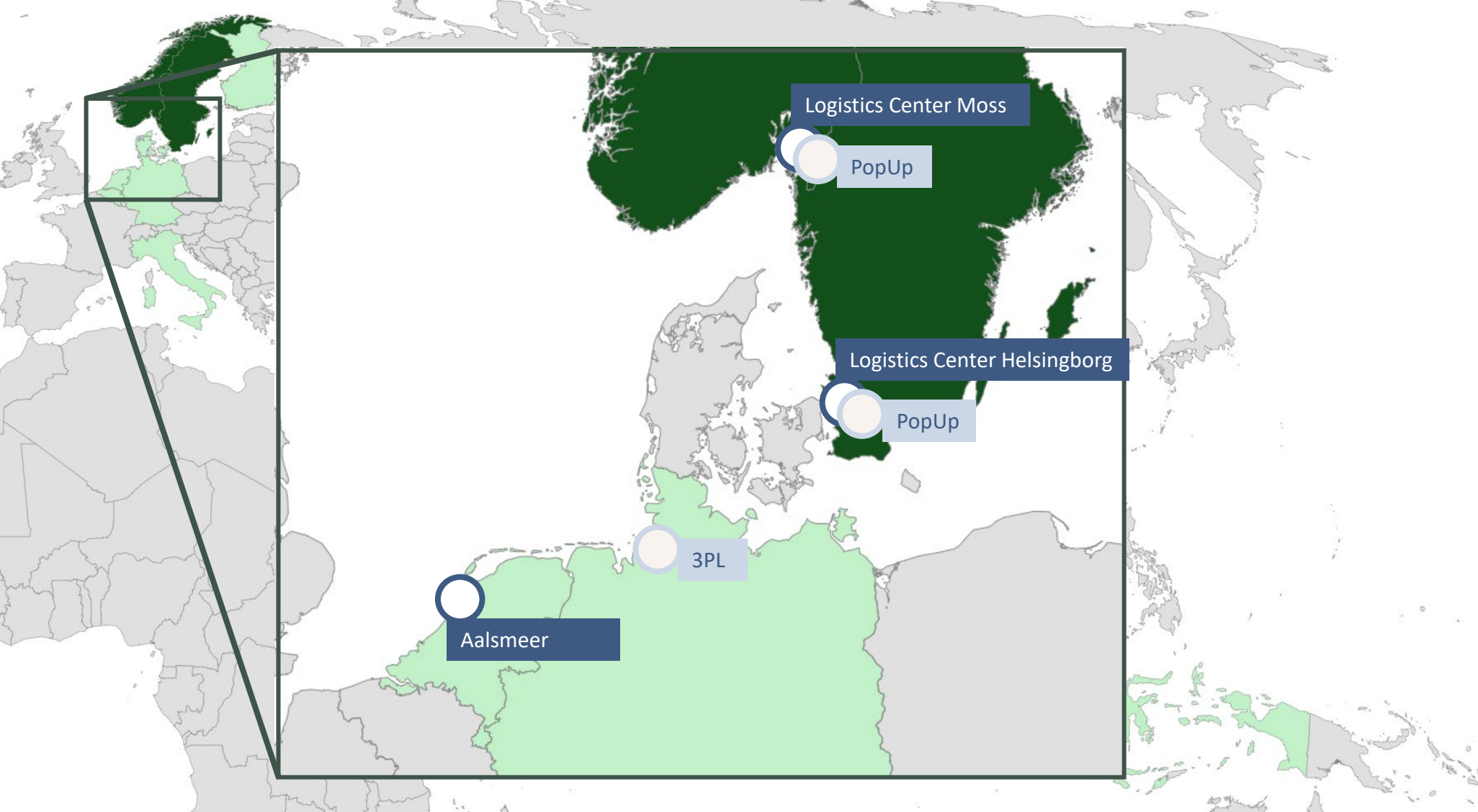
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Overall Delivery Plan 2025



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New Logistics Setup 2025



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AI Future

The M3 Setup



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M3 Areas and functionality:

Logistics

5 countries, separate entities for logistics that is full accounting too in addition to full logistics flexibility for logistics entities

Orders

Purchase Orders, Distribution Orders and Customer Orders

Financials

3 countries and currencies for sales, 120 stores, B2B customers and Suppliers, Projects in Fixed Assets, Inventory summaries values

Assets

Both physical assets, constructed assets and software assets in Fixed Assets due to depreciation

Prices and Discounts

Manage in Vince Application outside M3



Mobile

Merit Portal on handles to perform all warehouse processes on logistics units and stores

The WMS Setup



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Logistics at Plantasjen



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WMS Areas and functionality:

Warehouse set up

Set up of 5 warehouses across 4 countries, with locations and inventory guidance A-B-C

Receiving

Receiving of goods in pieces, bulk, pallet, etc

Picking, Packing and Shipping

Pick by terminal, packing and shipping based on shipment times and priority

Cross-Docking

Fast handling of inbound goods straight to distribution

Customs Handling

Asia to EU, EU to EU and EU to non-EU (Norway)

Replenishment to pick positions

Internal movement of goods in Storage

Inventory Controls and Waist Mngmt

Standard Inventory controls + Custom Waist Mgnmt



Fix the Basics – VinceLive to integrate everything and make systems speak the same language!

Vince Live for integrations



Key tool for Integrations at Plantasjen:

- Integrates customs-reporting
 - Integrates WMS
 - Integrates Floriday (purchase auction)
- Dashboards to surveill those integrations:
- Highlight issues
 - Actions to manage issues

Example Logistics Usage

The screenshot shows the 'WMS - v1' dashboard with several KPI cards:

- Inventories flagged: 149 (thumbs down)
- Inventory OK: 4232 (info icon)
- Awaiting Repack Conf...: 2 (warning icon)
- Stock diff AXCS <= > M3: 57 (thumbs down)
- ASN missing Origin: 0 (thumbs up)
- ASN missing MRN or In...: 0 (thumbs up)
- Awaiting Repack Conf ...: 2 (thumbs down)
- ASN FAILED on qty che...: 5 (thumbs up)
- Awaiting Outbound Cle...: 1 (info icon)
- Shipment skipped (shi...): 3 (thumbs down)
- Shipment skipped (sta...): 6 (thumbs down)

Below the KPI cards are two data tables:

Move from code LT	Item LT	Warehouse LT	Inventory hold Id LT	Move to code LT	Adjustment
blank	559050	3W1	0000104969	LOCNON	4
LOCNON	559050	3W1	0000104978	EXPLCNCN	4
EXPLCNCN	559050	3W1	0000104982	blank	4

Check balance runtime LT	Inventory hold Id LT	Warehouse LT	Item LT	Move from code LT	Mov
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WMS dashboard as an example, showing various KPI's live during the day of integrated data ++ being checked between every transaction.

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Logistics at Plantasjen



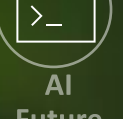
Fix the Basics



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AI Future

Fix the Basics – Vince XL to ensure optimal use of staff, tools and materials to avoid underutilization or waste

Optimize resources with Vince XL



Key tool for ERP master data management at Plantasjen:

- Download and update pickpack reporting
- Download and update logistics masterdata
- Download and update corrections

Handles mass-creation and mass-updates of values based on known Excel plug in formats.

Example Logistics Usage

1	Delivery address	To Store	To store name	Transaction date	Transaction qty	PCF per CC	Nr of CC	Total delivery size to PIC	Total delivery size to store	Quantity packed	SOC	Truck
2	Plantagen Helsingborg HUB (PSF)	342	Barkarby	20200127	120	290	0.48	5.880	NULL	100	SEL	
3	Plantagen Helsingborg HUB (PSF)	342	Barkarby	20200129	34	28	0.5	1.700	NULL	14	SEL	
4	Plantagen Helsingborg HUB (PSF)	342	Barkarby	20200129	50	290	0.5	1.700	NULL	50	SEL	
5	Plantagen Helsingborg HUB (PSF)	342	Barkarby	20200129	84	84	1.5	1.700	NULL	84	SEL	
6	Barkarby	NULL	NULL	20200128	5	1	0	NULL	5.000	5	SEP	

In one of the projects of 2025, we introduced a 3rd part warehouse, which had limited integration access. This resulted in a manual M3-reporting process at first, but then we took use of VXL to make it bareable.

Cut Costs – Vince Live to automate where possible and outsource non-core functions to lower operational costs

Vince Live for efficiency

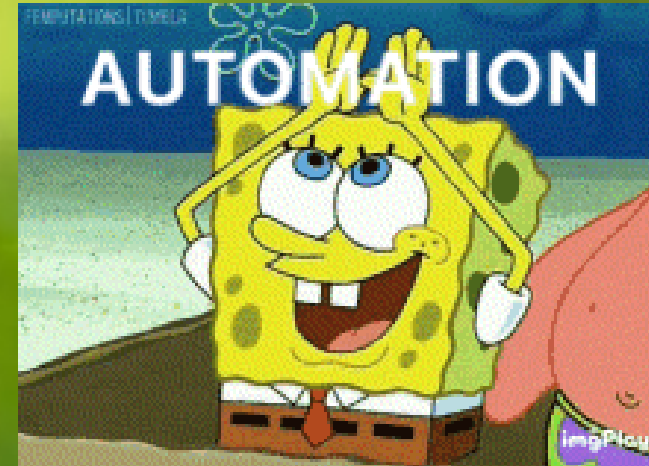


Key tool for Automation at Plantasjen:

- Automates contract validation
- Automates suitable processes
- Automates masterdata validation

Integration automation and monitoring in M3 is outsourced to the Vince Live Platform for better handling.

Example Logistics Usage



Vince Live automates tasks previously done manually. For example, in the WMS implementation, we've automated the process of moving goods to non-allocatable locations. If an item is allocated in M3, we check for unallocated stock and unallocate the order if needed, before completing the move. This saves time and eliminates manual errors.

Cut Costs – Vince Butler to indentify inefficiencies in processes that can be prevented

Vince Butler for daily quality control

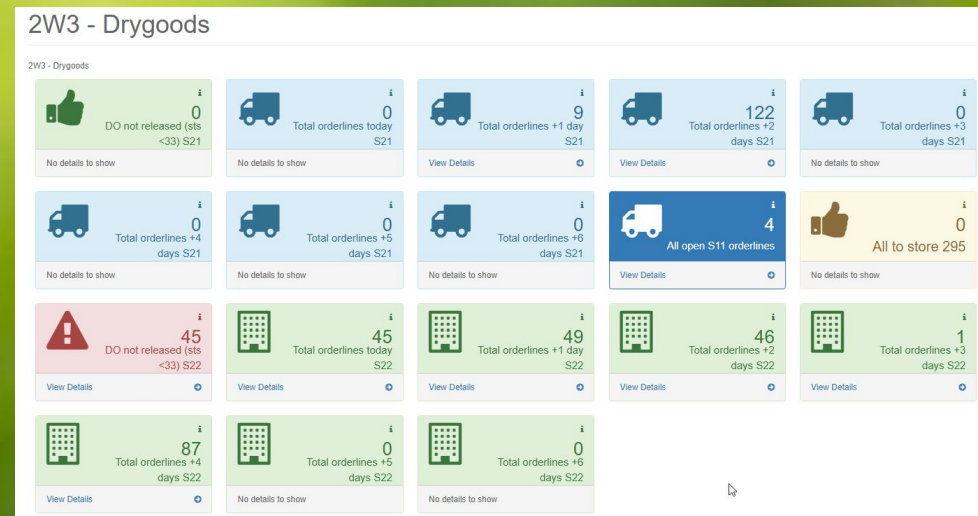


Key tool for Waste monitoring at Plantasjen:

- Monitoring large deviations for inventory counts
- Monitoring daily warehouse reporting count
- Monitoring orders with issues
- Monitoring manual processes for issues

Handles monitoring and alerts to drive actions for specific critical tasks.

Example Logistics Usage



Dashboards to keep track of the daily logistics flow, highlighting things that needs an action before the day is over. That might be distribution orders not reported, purchaseorders not fully received, or similar things.

Make it Easy – Widgets to make data accessible and easily maintainable!

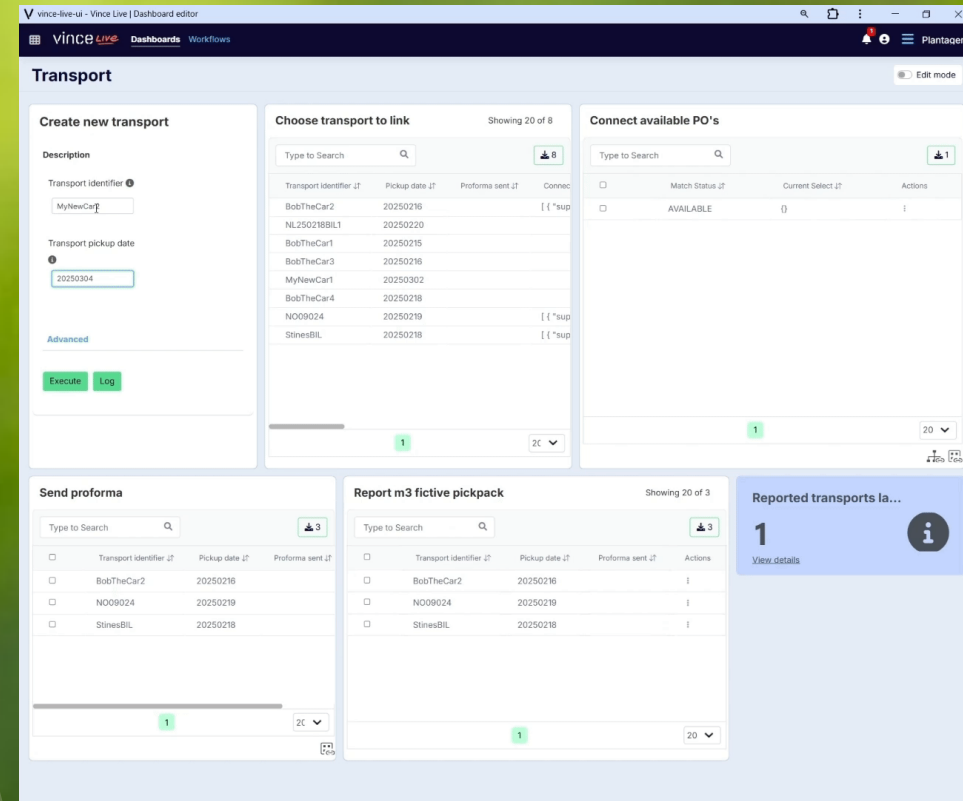
Vince dashboards – miniapp with ease!



New processes happening quickly often require the possibility to make data accessible and available.

When we needed a easy transport overview, to be able to link purchaseorders to different transporters depending on the current state of the delivery possibilities, Vince gave us a dashboard with widgets capable to do so, in a few hours of setup.

Now the project can continue, and we can improve this process over time!



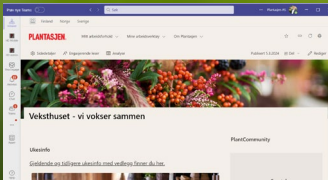
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AI Roadmap - Plantasjen Work on AI: Work on several areas using different approaches – making structural changes to drive results

Search and Optimization



Online Search



Internal search



Explorative search for Business Intelligence

Information structures and Security of all unstructured info (documents and presentations) in office environment

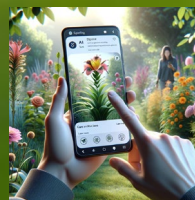
Machine Learning



Local sales of slow movers



Weather to run orders and interact w customers



Plant image recognition to assist customers

Reporting and data capturing structures to enable machine learning in an efficient manner

Generative AI



World of Gardens – value added information



Internal knowledge databases



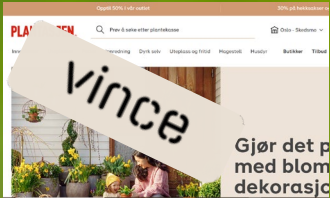
External helpdesk and value driven sales

PIM and AWS solutions to host extended data and guidance data for optimized AI

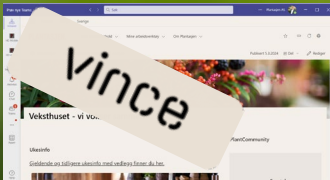
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AI Roadmap - Plantasjen Work on AI: AWS Platform (the secret is that we are continuing w/ Vince products and solutions – they are great)

Search and Optimization



Online Search: Vince Live Search combined with traditional product search



Internal search: Vince Live Search on any tabular data in ERP or other DBs combined with Microsoft search on Teams



Explorative search: Vince API look-ups into DWH and PIM solutions for optimized search and lookups

Machine Learning



Local sales of slow movers: DWH reporting driving API information into Price and Discount applications to define local Store Sales



Dedicated Customer Service: DWH reporting feeding Optimized Customer Data Repository for individual Customer Service



Monitoring to Corrections: Developing from monitoring and detecting issues to updates and solutions

Generative AI



World of Gardens: Providing sub-sets of data related to Weather intelligence



Internal knowledge DBs: Gathering and updating information to support Generative AI queries









Value driven sales: Project Driven Sales based on structured data

Information structures and Security of all unstructured info (documents and presentations) in office environment

Reporting and data capturing structures to enable machine learning in an efficient manner

Product Information Management solutions to host extended data, but also balance data for optimized AI

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AI Future

Logistics and AI Future – Some of the next steps, using AI to bring business value!

Data from everywhere!



With VinceLive in the middle of most integrations related to logistics, we now have the possibility to structure the data while we communicate with the systems digitally.

This makes for some great possibilities to feed this information into various ML-models for further automation and improvement analyzation!

Transport efficiency



We are looking into using the information we gather from transport-management and WMS integrations to see how we can use that data as well, to improve orders and efficiency of transport management!

The process is already slightly started, some POC's and plans are starting to take shape to challenge this subject!

AWS SageMaker



At Plantagen we are now looking into multiple AWS features to try and build a next generation forecaster!

We're taking use of AWS SageMaker, Bedrock for generative AI, and the default data management features in AWS – next time we'll meet we hopefully have more to share on this cool subject!

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Logistics and AI Future - Using VinceLive workflows to supply data from multiple sources

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Logistics and AI Future – We’ve already started with some generative AI, forming a architecture to build upon!



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AI Future

Main components

AWS Bedrock



AWS bedrock provides access to multiple AI models. Letting developers scale AI without managing infrastructure.

Model: Claude



We’ve decided to try out Claude3 for this Gardner AI. Claude AI excels in conversational tasks, content generation, and data analysis, making it a versatile tool – giving us options to evolve this.

We combine this with specific knowledge information provided by Plantagen to direct the dialogue in the direction suitable.

Supporting components

AWS S3



We use AWS S3 to save knowledge information from Plantagen, to learn the AI to focus around the verified knowledge provided.

S3 is a scalable cloud storage service that has a very high availability and durability, which also handles big data sources with ease.

OpenSearch serverless vector database



Vector databases are crucial for AI because they efficiently store, index, and search high-dimensional data like embeddings from machine learning models. This enables fast similarity searches, powering applications like recommendation systems, natural language processing, and computer vision, boosting AI performance.

VinceLive foundations



We also use VinceLive to supply data that isn’t reasonable to maintain within the vector database. For example, stock balances when a dialogue has gone into details of specific items at a specific store/area.

Using the workflow engine, the AI can then call a workflow and get data from a live lookup of stock balances, and then guide the conversation that direction.

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Contact information

Jonas Nilsson



- Wants to make
Logistics easier

45 years old
Lives in Eskilstuna, Sweden
Partner , Sofie
2 kids (Emil 14 & Charlie 9)
Enjoy to clean cars and yes it sounds strange!
Otherwise, I like get my hands dirty with soil or build things.

Jonas.Nilsson@Plantagen.se

Stine Cruz



- Curious problem-
solver

43 years old
Lives in Oslo, Norway
Partner, Edmundo
1 kid (Leo 8)
You'll often find me in front of a sewing machine,
deep into my latest project, or at our forest cabin,
enthusiastically planting vegetable beds—courtesy of
a little too much inspiration from Plantasjen.

Stine.Cruz@vince.no