RETAILERS A SESSION FOR YOU...

Tom Bevan – Presales Manager Matt Dredge – Director Graham Tobin – Solution Architect



AGENDA

- Retail Team
- LS Retail Update
- TNP Retail Innovation
- Reporting and Analytics
- Q&A

NEW RETAIL TEAM

LS RETAIL UPDATE

- Platform SaaS more viable
- New LS Functionality
 - Scanpaygo
 - WebPOS / Mobile

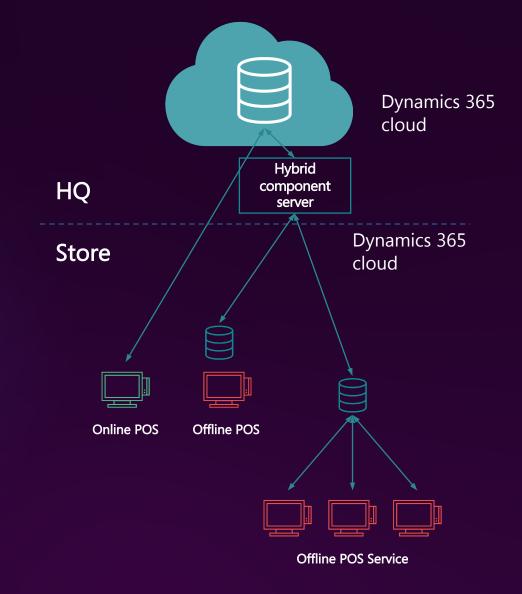
SAAS TECHNICAL UPDATE



SAAS

REPLICATION

DATA DIRECTOR
TECHNOLOGY YOU KNOW WITH
WEB SERVICES



EFFICIENT TROUBLESHOOTING









Telemetry

Page Inspector

Snapshot debugger

VS Code AL Profiler

VS Code AL Debugger



In-client
Performance
Profiler

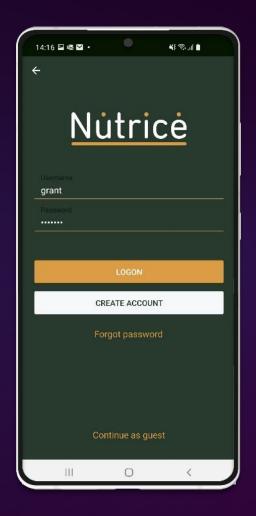
UNIVERSAL CODE INITIATIVE

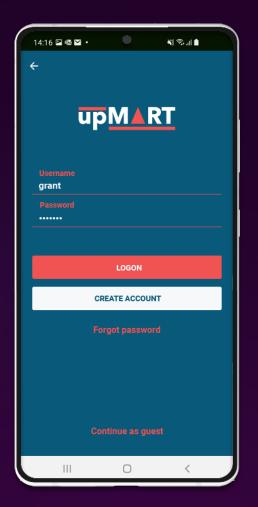
LS Central will be Compliant by 1st of September 2022



THE SCANPAYGO APP









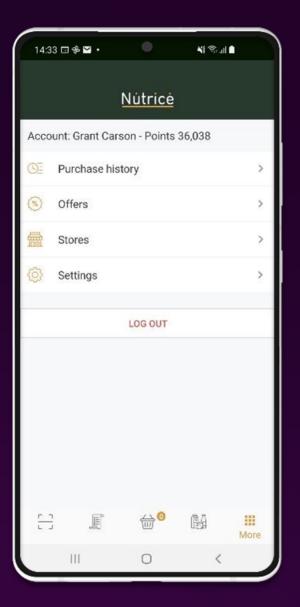
SCANPAYGO FEATURES

- Build Shopping basket on the go
- Pay in the ScanPayGo app or at POS
- Create and shopping lists
- Find stores on a map and look up their opening hours
- View offers and promotions
- View previous purchases

- Status of their loyalty points
- Previous purchases
- Store's offers
- Store list and store's information
- Item list
- Easy item search
- Their shopping lists



- Status of their loyalty points
- Previous purchases
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- Their shopping lists



- The app can detect the store
- The shopper can select the store they are in
- The shopper scans the items he is buying into his basket
- The shopper puts the items straight into his shopping bag in his cart



- The app can detect the store
- The shopper can select the store they are in
- The shopper scans the items he is buying into his basket
- The shopper puts the items straight into his shopping bag in his cart



 Pay at the selfservice POS



 Pay in app with card or loyalty points

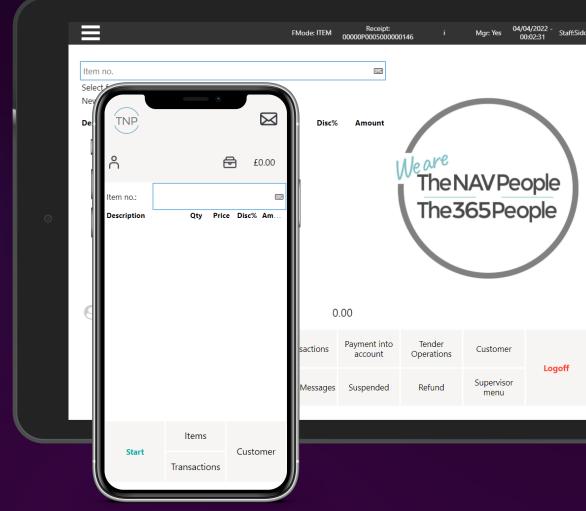


iBEACONS INSTORE

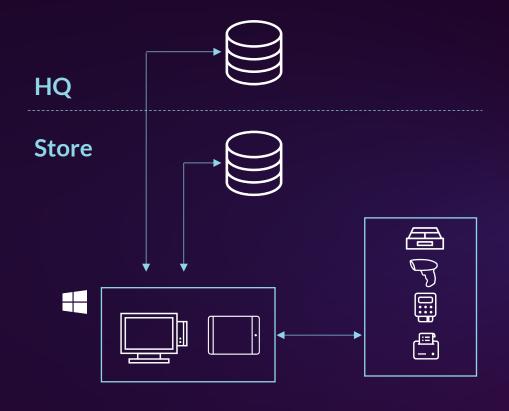
- The app auto-detects the store the user is in
- Using iBeacons in shelfs/aisles
- The app automatically pops-up with offers related to products for the shelf/aisle the loyalty customer is next to



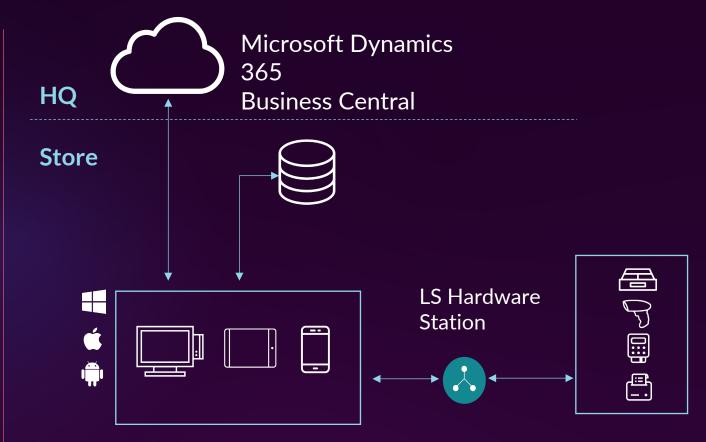
WEB POS & MOBILE POS



FROM WINDOWSPOS TO WEBPOS



- Windows application, stationary/tablet
- C/AL, can use .DLLs
- Directly connects peripherals



- Browser, OS independent, stationary/tablet/mobile
- AL, no DLLs
- Connect peripherals thru HW station or LS Central AppShell

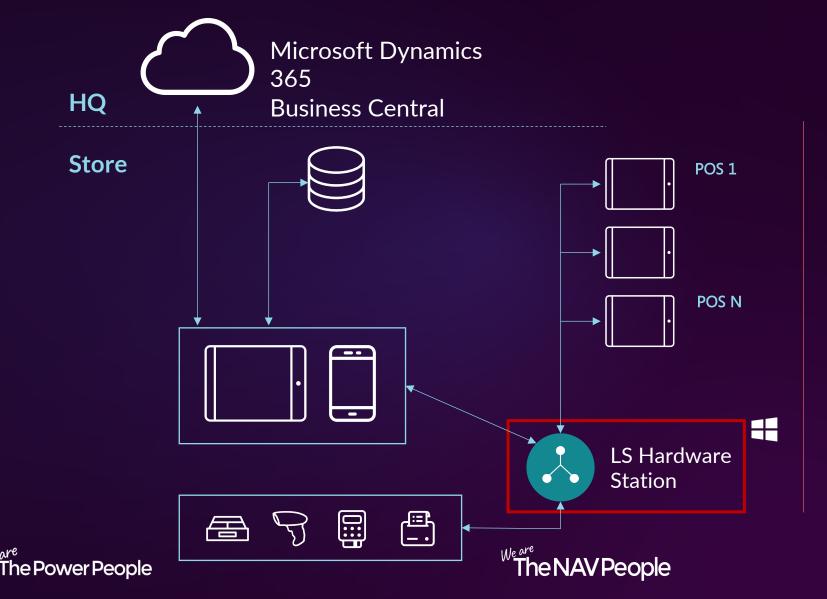




LC CENTRAL APPSHELL

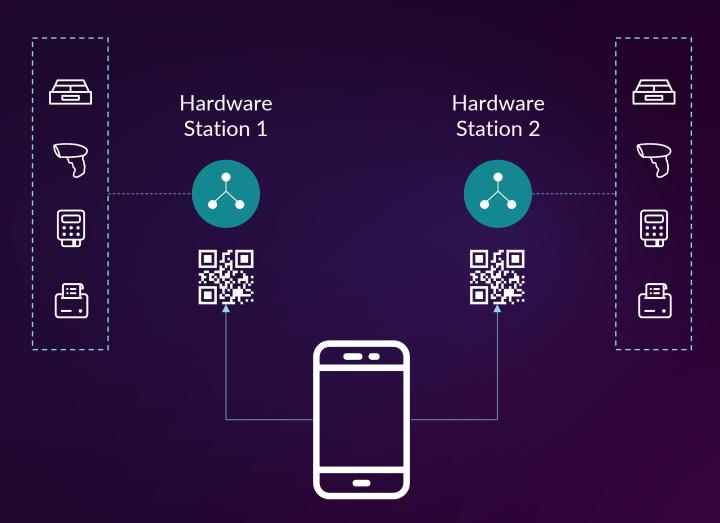
- App to run POS on a device in a controlled way
- Gives POS direct access to peripherals
 - Printers
 - LS Pay connected EFT device
 - Camera built into a mobile device to scan
- Pheripheral can be:
 - Built-into the device
 - Bluetooth / WiFi / network

LS HARDWARE STATION



- Uses Hardware Station Management Portal
- Gives access to OPOS devices + LS Pay
- Many POS can use same Hardware Station
- Simple selection of Hardware Station to use from POS

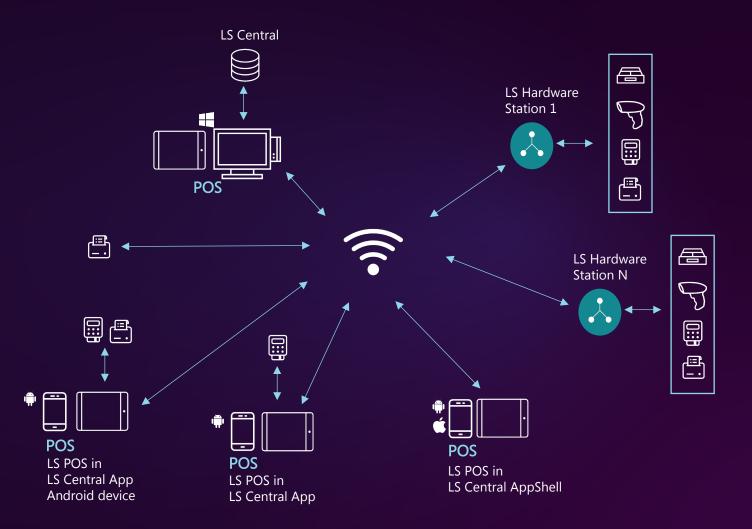
SELECTING HARDWARE STATION



- Pre-configured
- By scanning a QR-code
- Push of a button



LS POS CAN MIX AND MATCH ...



- Every POS can use one or more LS Hardware Stations
- One Hardware Station can have many POS connected
- LS Central AppShell PED and printer possibilities
- POS can mix options, feks a POS can use EFT device thru LS Central AppShell and a printer thru LS Hardware Station, or any other combination.





TNP RETAIL INNOVATION

- TNP Retail Accelerator
- Order Orchestration
- Price Worksheets
- Import/Export tools
- nYwhere
- PowerApps Instore App

TNP RETAIL ACCELERATOR

TNP RETAIL ACCELERATOR

- We love LS but it's not perfect
- We've understood the things that take time in projects to develop
- Made the effort to build into a huge extension to handle the requirements of UK retailers

Contents		
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ORDER ORCHESTRATION

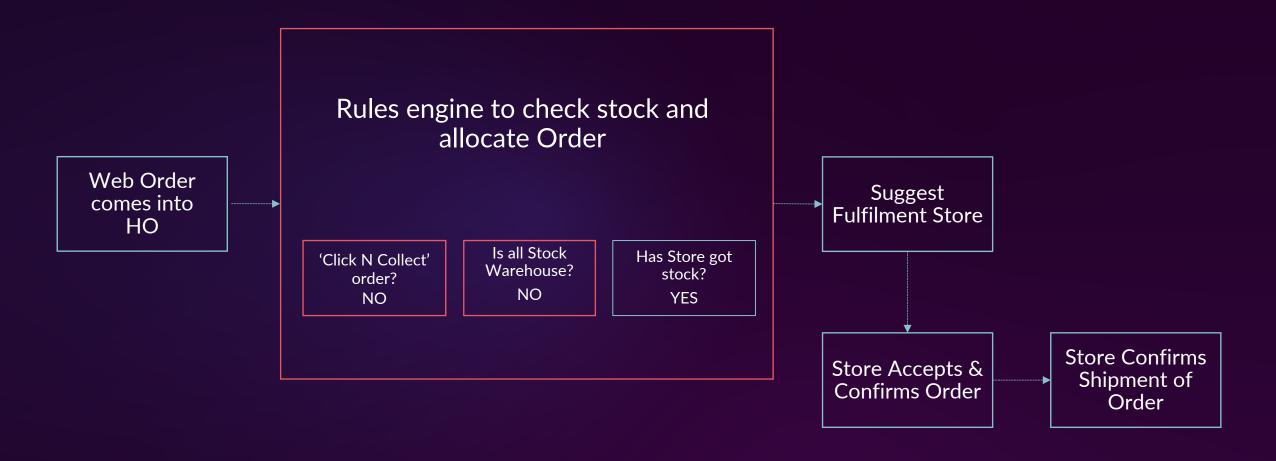
ORDER ORCHESTRATION ORDER TYPES

- eCom Order fulfilled by Warehouse
- eCom Order fulfilled by Store
- Store Ranking
- eCom Order fulfilled by Warehouse & Store
- Click & Collect Order fulfilled by Store
- Click & Collect Order fulfilled by Warehouse
- Click & Collect Order fulfilled by Warehouse & Store
- Unfulfillable Order

1. ECOM ORDER - WAREHOUSE

Rules engine to check stock and allocate Order Web Order Fulfil from Warehouse comes into HO Has Warehouse 'Click N Collect' got stock? order? NO YES

2. ECOMM ORDER - STORE



5. ECOM ORDER - WAREHOUSE & STORE

Web Order comes into HO

Rules engine to check stock and allocate Order

'Click N Collect' order? NO Is all Stock in Warehouse?

Is all Stock in Store ? NO

Can the order be fulfilled by a Store and the Warehouse?

YES

Suggest
Fulfilment
Locations
Split the Order
Based on
Locations

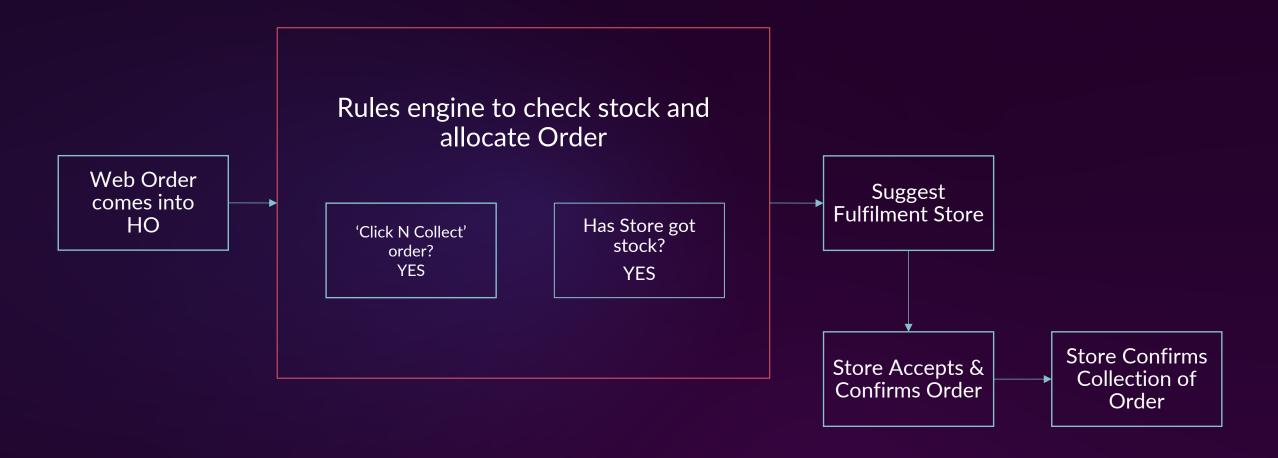
Store Accepts & Confirms Order

Warehouse Ships Order

Store Confirms
Shipment of
Order

The 365 People

4. CLICK N COLLECT ORDER - STORE



5. CLICK N COLLECT ORDER - WAREHOUSE

Web Order comes into HO

Rules engine to check stock and allocate Order

'Click N Collect' order? YES Has Store got stock?

Has Warehouse got Stock? YES Fulfil from Warehouse & Ships to Store

Store Confirms Collection of Order

6. CLICK N COLLECT ORDER - WHSE/STORE

Web Order comes into HO Rules engine to check stock and allocate Order

'Click N Collect' order? Yes Is all Stock in Warehouse?

Is all Stock in Store ? NO

Can the order be fulfilled by a Store and the Warehouse?

YES



7. ORDER REFERRAL

Web Order comes into HO

Has Store got stock? NO

Has Warehouse got stock? NO

Has Warehouse got stock? NO

Has Warehouse got stock? NO

PRICE WORKSHETS

- Simplified interface for bulk change and management of pricing
- Rounding methods allow alignment pricing more accurately
- Improved pricing architecture

























PW0000011

Process Worksheet Navigate Fewer options			
General			
No PW0000011		Created On	
Description · · · · · Mid Season Sale		Last Date Modified · · · · · · · · · · · · · · · · · · ·	
Start Date	•	Rounding Method · · · · · · · · · 95	~
End Date · · · · · · · · · · · · · · · · · · ·		Set End Date for Curr. Prices · · · · · · · · · · · ·	
Status · · · · · Open		Currency Code · · · · GBP	~
Created By · · · · TB			

Lines Manage														
-	tem No.	١	Variant Code	Variant Dimension 1 Code	Price Group Code	Description	Current Unit Cost	Current Retail Price	New Retail Price	Current Profit Margin	New Profit Margin	Currency Code	Sales Unit of Measure	Current Retail Price Inc. VAT
\rightarrow							0.00	0.00	0.00	0.00	0.00			0.00







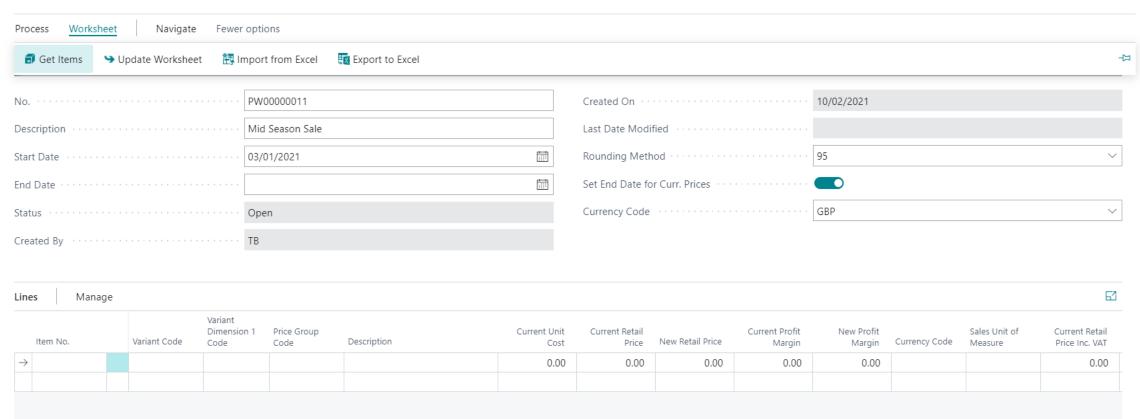








PW00000011





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Manage

Lines

← NHANCED PRICE WORKSHEET | WORK DATE: 08/02/2021



Process Worksheet Navigate Fewer options	
General	
No PW00000011	Created On
Description · · · · · Mid Season Sale	Last Date Modified · · · · · · · · · · · · · · · · · · ·
Start Date	Rounding Method · · · · · · · · 95
End Date · · · · · · · · · · · · · · · · · · ·	Set End Date for Curr. Prices · · · · · · · · · · · ·
Status · · · · · Open	Currency Code · · · · · GBP
Created By · · · · TB	

Item No.	Variant Code	Variant Dimension 1 Code	Price Group Code	Description	Current Unit Cost	Current Retail Price	New Retail Price	New Retail Price Rounded	Current Profit Margin	New Profit Margin	Currency Code	Sales Unit o Measure
→ 00003800			ALL	MINI-MAGLITE AA MIDNIGHT	7.25	10.00	10.00	9.96	27.50	27.21		EACH
00003800			ORIG	MINI-MAGLITE AA MIDNIGHT	7.25	0.00	0.00	0.00	0.00	0.00		EACH
00004553			ALL	FELCO SECATEUR 5 (L83)	10.58	33.33	33.33	32.46	68.26	67.41		EACH
00053989			ALL	WOLF ANVIL SECATEURS LARGE	7.27	8.33	8.33	8.29	12.73	12.30		EACH
00072608			ALL	MAGLITE SOLITAIRE BLACK PB	0.00	2.96	2.96	2.46	100.00	0.00		EACH
00110471			ALL	STAINLESS DIGGING SPADE	10.99	10.41	10.41	9.96	-5.57	-10.34		EACH
00181511			ALL	HAND TROWEL	6.12	5.00	5.00	4.96	-22.40	-23.39		EACH
00183193			ALL	500 PCE THE BAKER	2.68	5.41	5.41	4.96	50.46	45.97		EACH
00205956			ALL	CLOWN PEG BOARD	6.81	11.11	11.11	10.79	38.70	36.89		EACH
00264301			ALL	TABLE SEED BLEND 6.5KG	7.68	14.99	14.99	14.13	48.77	45.65		EACH
00286691			ALL	GARDEN BIRD SEED MIX 5KG	3.20	7.49	7.49	6.63	57.28	51.73		EACH
00286705			AH	NESTING & YOUNG BIRD SEED	2.13	4.99	4.99	4.13	57.31	48.43		FACH







63



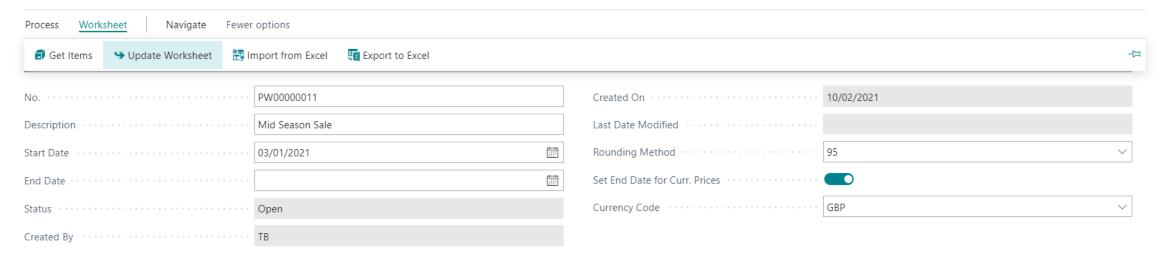




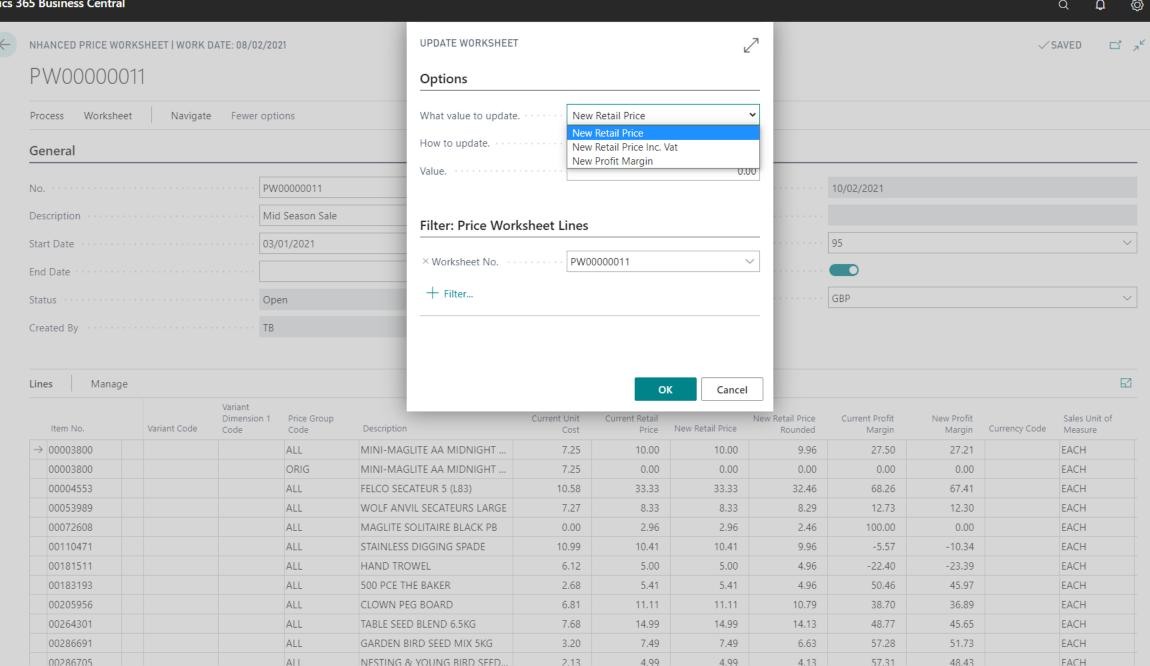


PW00000011

Manage



Item No.	Variant Code	Variant Dimension 1 Code	Price Group Code	Description	Current Unit Cost	Current Retail Price	New Retail Price	New Retail Price Rounded	Current Profit Margin	New Profit Margin	Currency Code	Sales Unit o Measure
00003800			ALL	MINI-MAGLITE AA MIDNIGHT	7.25	10.00	10.00	9.96	27.50	27.21		EACH
00003800			ORIG	MINI-MAGLITE AA MIDNIGHT	7.25	0.00	0.00	0.00	0.00	0.00		EACH
00004553			ALL	FELCO SECATEUR 5 (L83)	10.58	33.33	33.33	32.46	68.26	67.41		EACH
00053989			ALL	WOLF ANVIL SECATEURS LARGE	7.27	8.33	8.33	8.29	12.73	12.30		EACH
00072608			ALL	MAGLITE SOLITAIRE BLACK PB	0.00	2.96	2.96	2.46	100.00	0.00		EACH
00110471			ALL	STAINLESS DIGGING SPADE	10.99	10.41	10.41	9.96	-5.57	-10.34		EACH
00181511			ALL	HAND TROWEL	6.12	5.00	5.00	4.96	-22.40	-23.39		EACH
00183193			ALL	500 PCE THE BAKER	2.68	5.41	5.41	4.96	50.46	45.97		EACH
00205956			ALL	CLOWN PEG BOARD	6.81	11.11	11.11	10.79	38.70	36.89		EACH
00264301			ALL	TABLE SEED BLEND 6.5KG	7.68	14.99	14.99	14.13	48.77	45.65		EACH
00286691			ALL	GARDEN BIRD SEED MIX 5KG	3.20	7.49	7.49	6.63	57.28	51.73		EACH
00286705			AH	NESTING & YOUNG BIRD SEED	2.13	4.99	4.99	4.13	57.31	48.43		FACH



00286705

AH

NESTING & YOUNG BIRD SEED...

2.13

4.99

4.99

4.13

57.31

48.43

FACH

00205956

00264301

00286691

00286705

ALL

ALL

ALL

AH

CLOWN PEG BOARD

TABLE SEED BLEND 6.5KG

GARDEN BIRD SEED MIX 5KG

NESTING & YOUNG BIRD SEED...

36.89

45.65

51.73

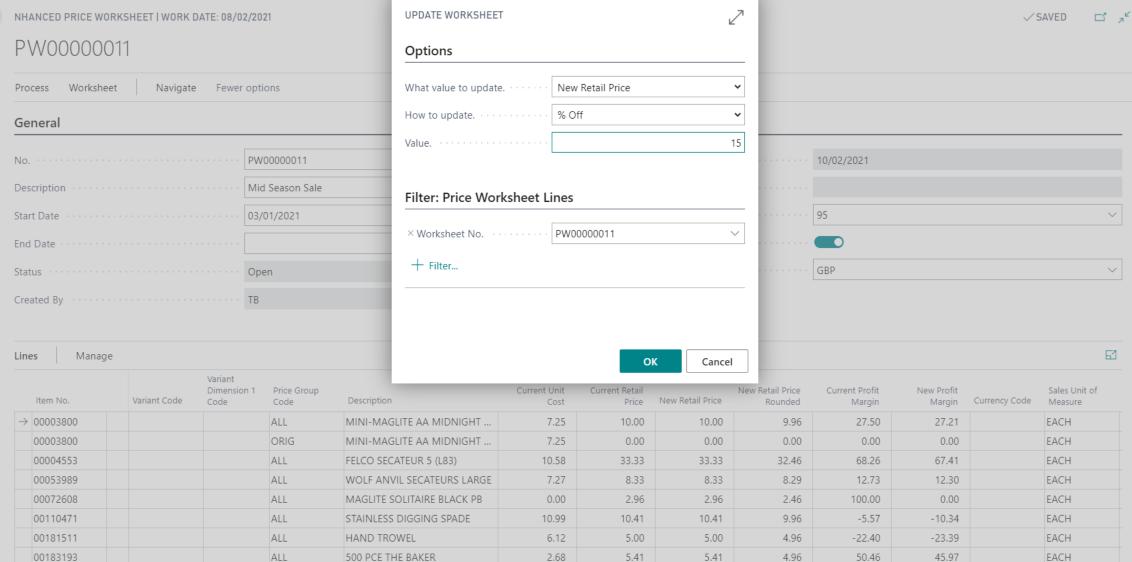
48.43

EACH

EACH

EACH

FACH



6.81

7.68

3.20

2.13

11.11

14.99

7.49

4.99

11.11

14.99

7.49

4.99

10.79

14.13

6.63

4.13

38.70

48.77

57.28

57.31

✓ SAVED





NHANCED PRICE WORKSHEET | WORK DATE: 08/02/2021

Created By TB

PW00000011

Navigate Fewer options Process Worksheet

General

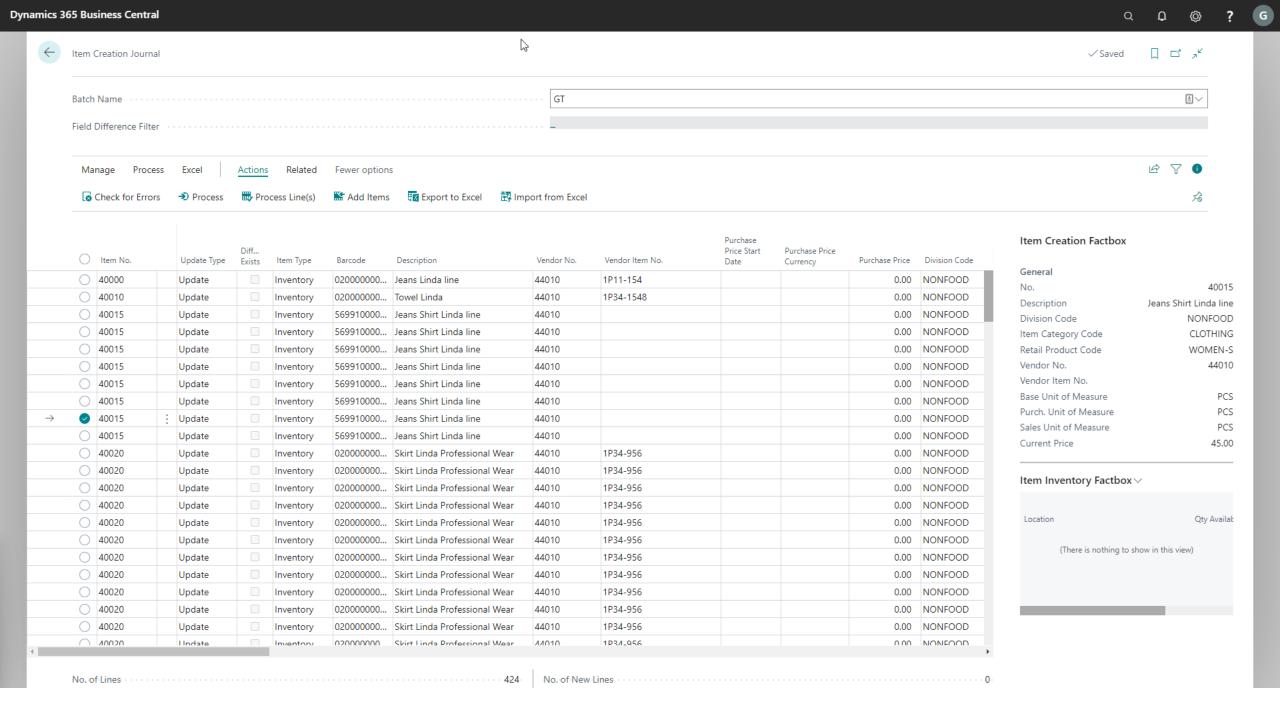
No. · · · · · · · · · · · · · · · · · · ·	PW0000011	Created On · · · · · · · · · · · · · · · · · ·	10/02/2021
Description · · · · · · · · · · · · · · · · · · ·	Mid Season Sale	Last Date Modified · · · · · · · · · · · · · · · · · · ·	
Start Date	03/01/2021	Rounding Method · · · · · · · · · · · · · · · · · · ·	95 ~
End Date · · · · · · · .		Set End Date for Curr. Prices · · · · · · · · · · · · · · · · · · ·	
Status · · · · · · · · · · · · · · · · · · ·	Open	Currency Code · · · · · · · · · · · · · · · · · · ·	GBP ∨

Lir	nes Manag	е												E
	Item No.	V	/ariant Code	Variant Dimension 1 Code	Price Group Code	Description	Current Unit Cost	Current Retail Price	New Retail Price	New Retail Price Rounded	Current Profit Margin	New Profit Margin	Currency Code	Sales Unit of Measure
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	00004553				ALL	FELCO SECATEUR 5 (L83)	10.58	33.33	28.33	28.29	68.26	62.60		EACH
	00053989				ALL	WOLF ANVIL SECATEURS LARGE	7.27	8.33	7.08	6.63	12.73	-9.65		EACH
	00072608				ALL	MAGLITE SOLITAIRE BLACK PB	0.00	2.96	2.52	2.46	100.00	0.00		EACH
	00110471				ALL	STAINLESS DIGGING SPADE	10.99	10.41	8.85	8.29	-5.57	-32.57		EACH
	00181511				ALL	HAND TROWEL	6.12	5.00	4.25	4.13	-22.40	-48.18		EACH
	00183193				ALL	500 PCE THE BAKER	2.68	5.41	4.60	4.13	50.46	35.11		EACH
	00205956				ALL	CLOWN PEG BOARD	6.81	11.11	9.44	9.13	38.70	25.41		EACH
	00264301				ALL	TABLE SEED BLEND 6.5KG	7.68	14.99	12.74	12.46	48.77	38.36		EACH
	00286691				ALL	GARDEN BIRD SEED MIX 5KG	3.20	7.49	6.37	5.79	57.28	44.73		EACH
	00286705				AH	NESTING & YOUNG BIRD SEED	2.13	4.99	4.24	4.13	57.31	48.43		FACH

IMPORT/EXPORT TOOLS

TEM CREATION JOURNAL

- Ability to create/update Retail Items from a single place without multiple imports
- Built in Item Error Checking
- Supports Variants, hard attributes, item distribution, item status, pricing and much more

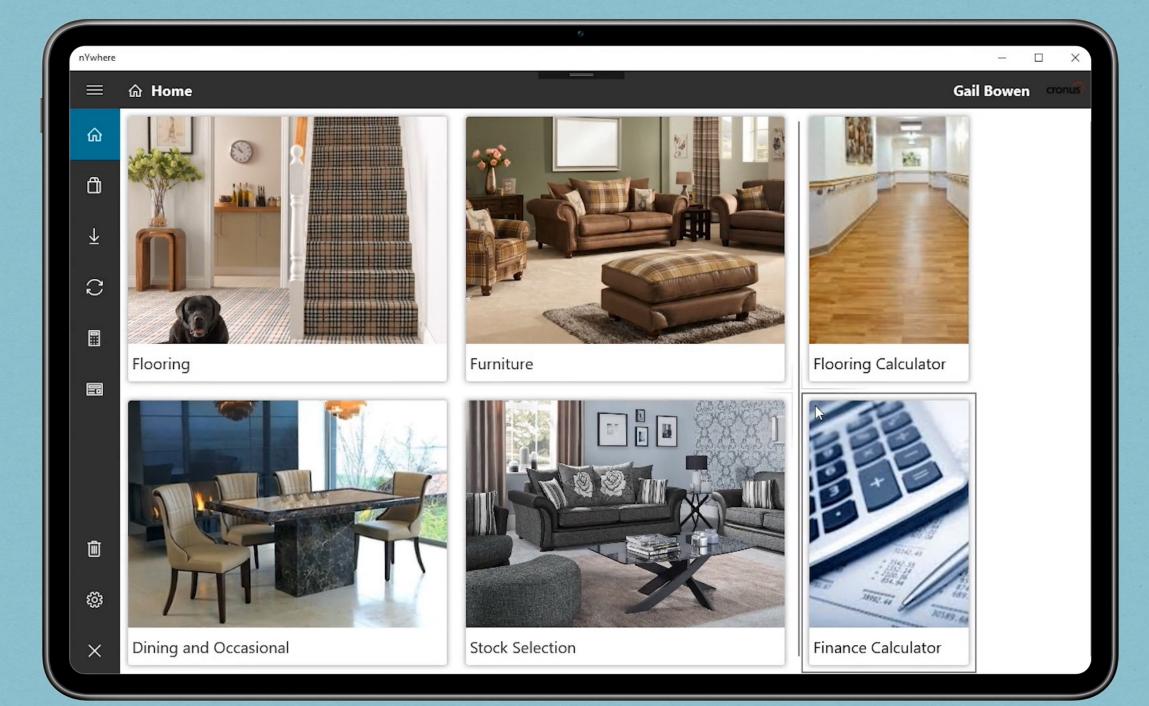


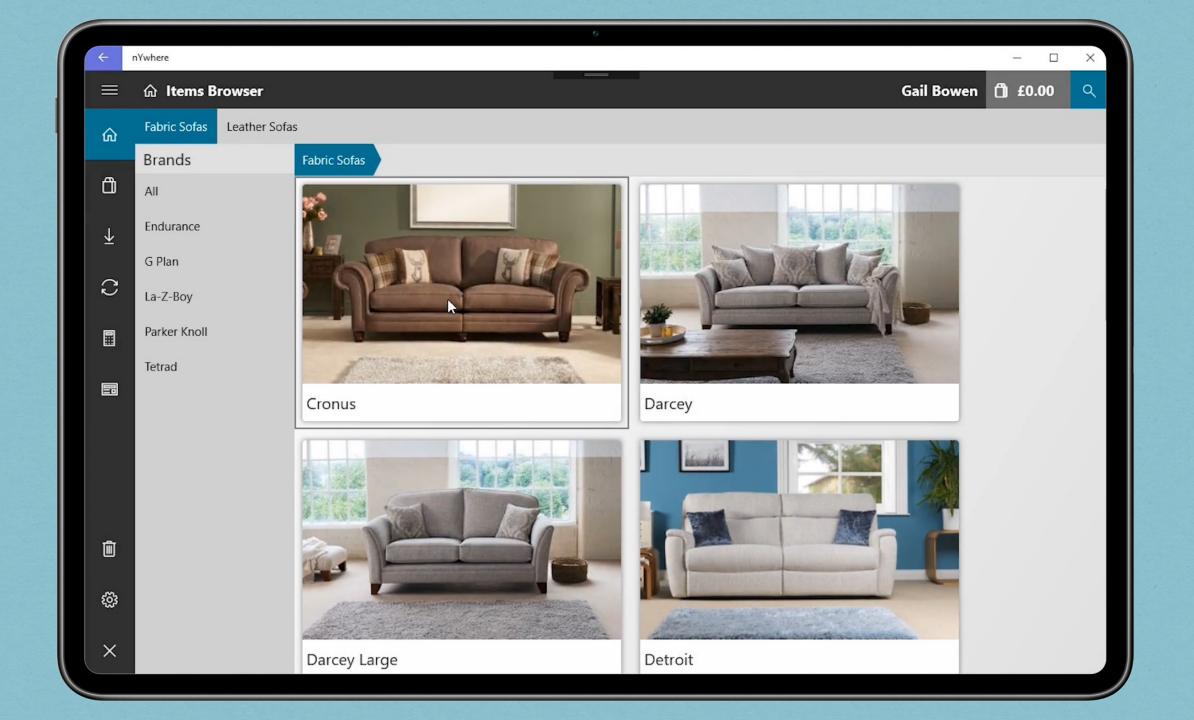
IMPORT EXPORT TOOLS

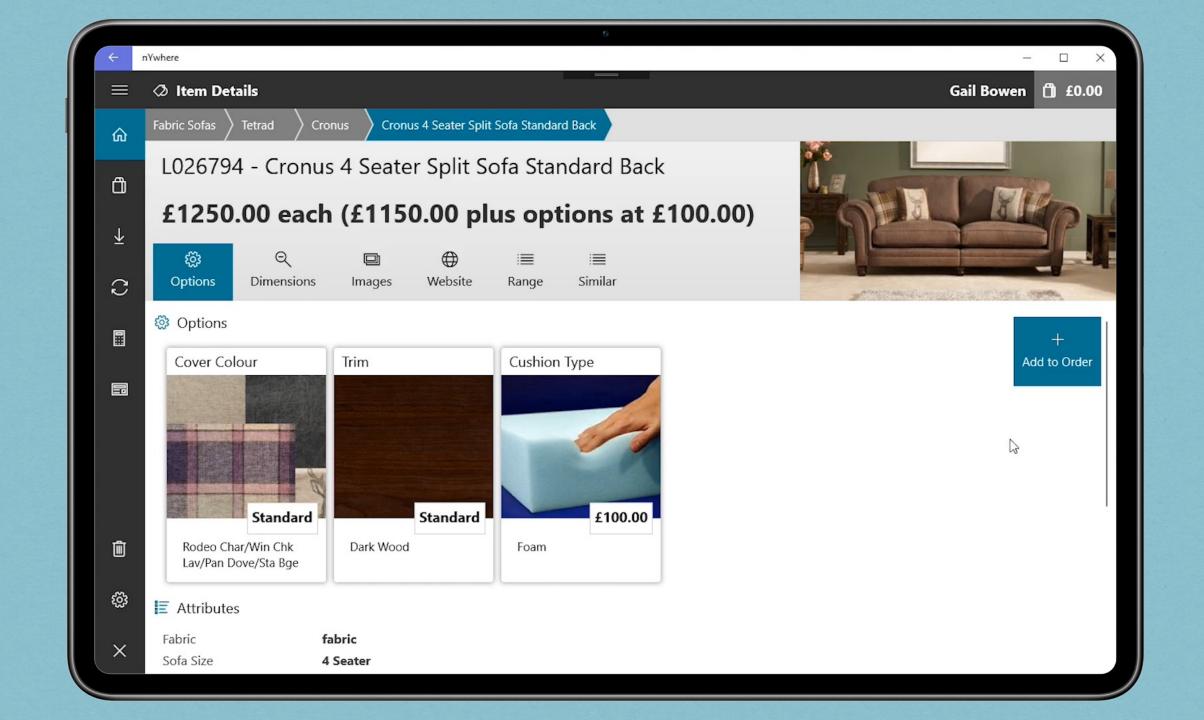
- Tools for bulk importing and exporting item related data
- Attributes, Image URLs, Replen Settings, Item references, Barcodes, Shelf label setup, Item Distribution, Item Status etc

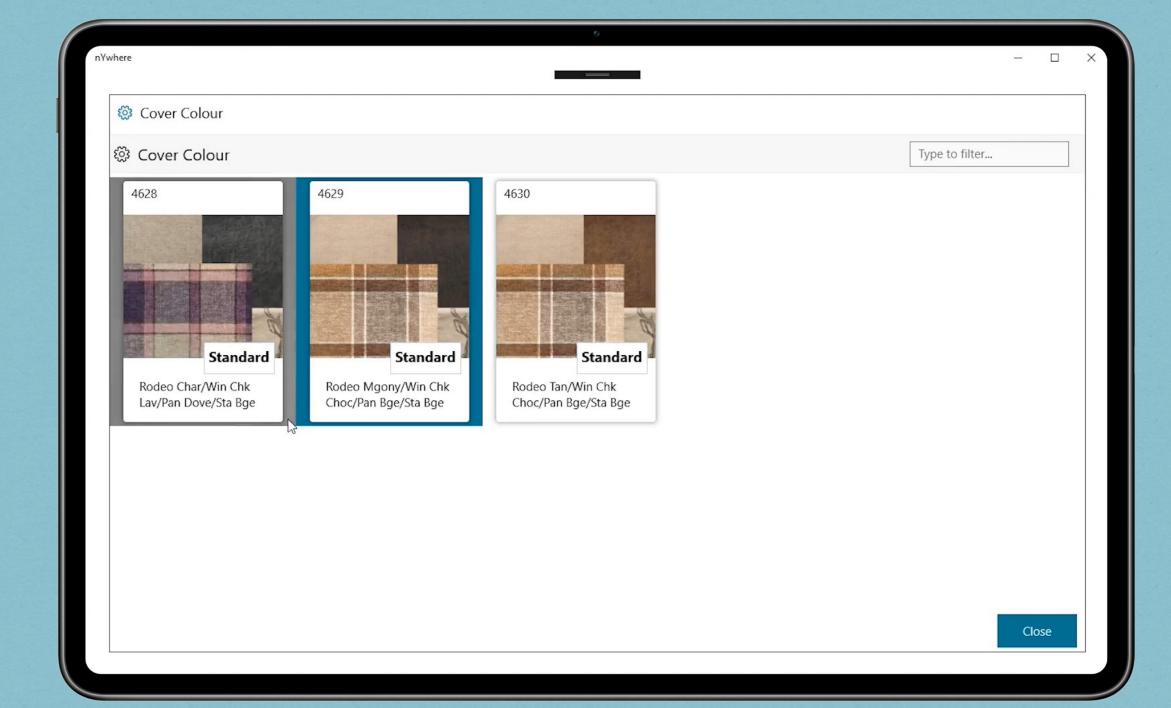
NYWHERE ORDERING APP

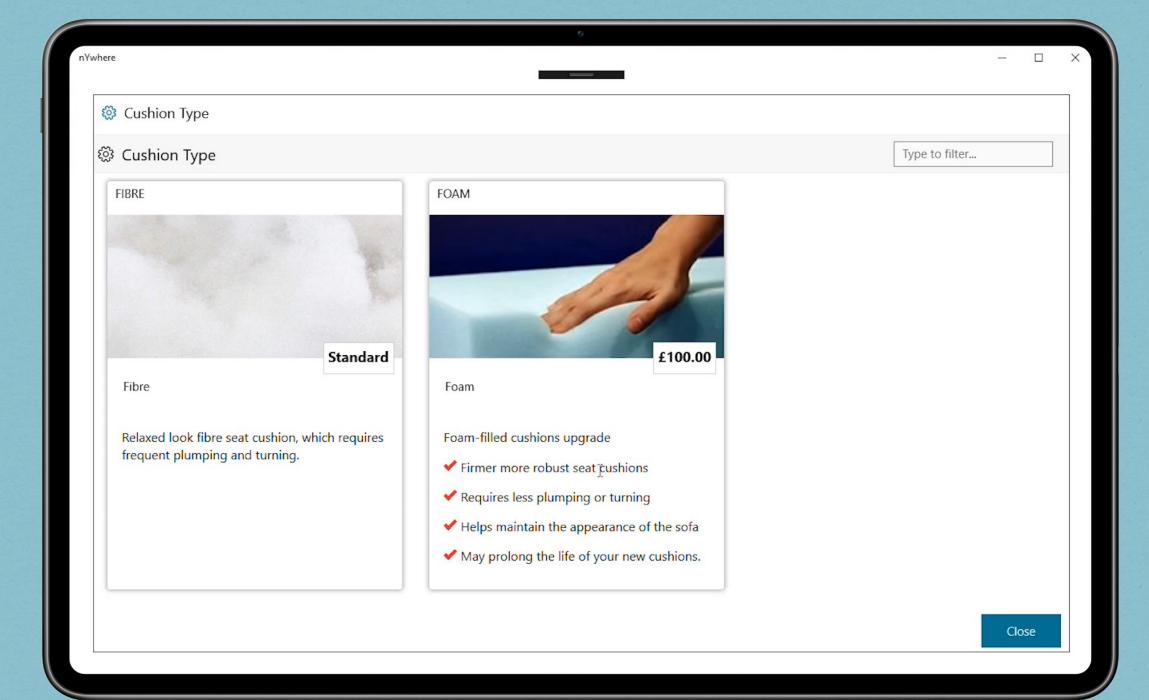
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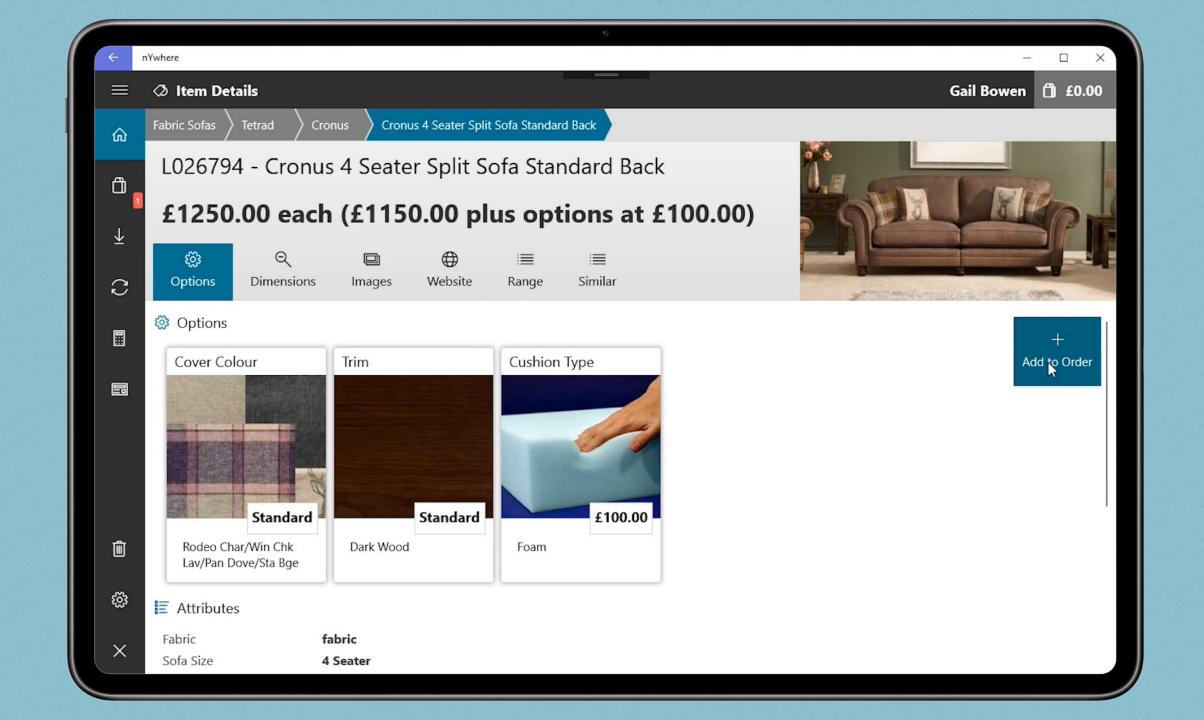


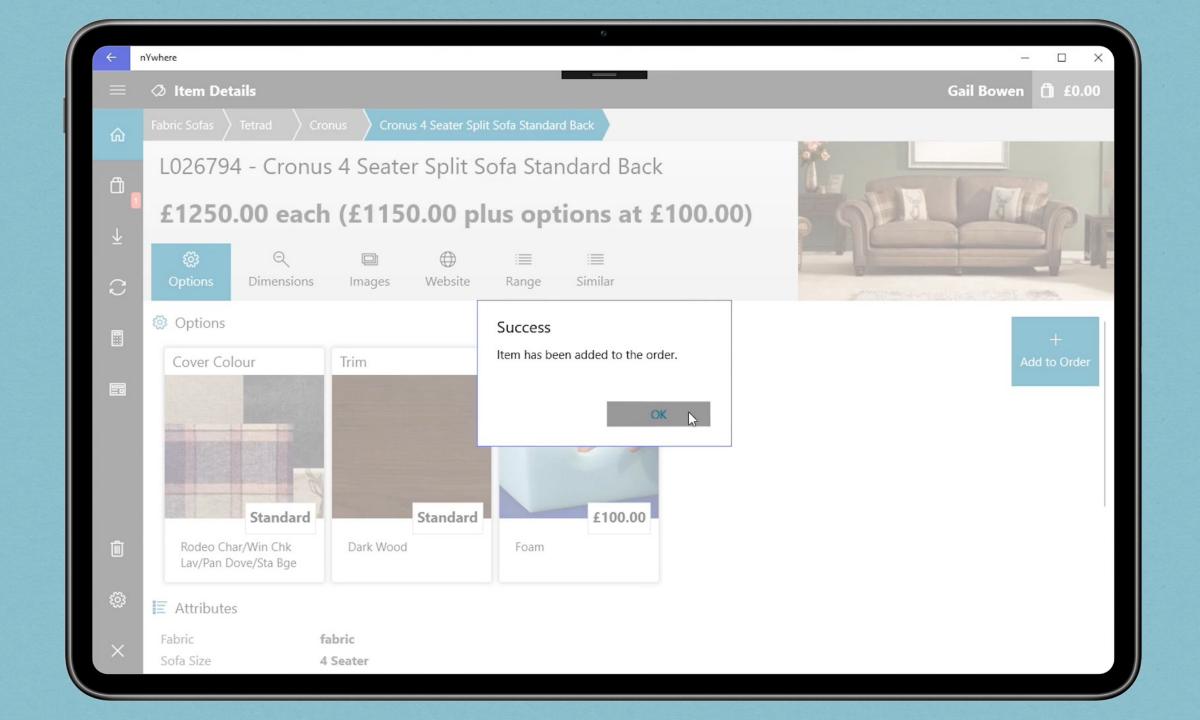


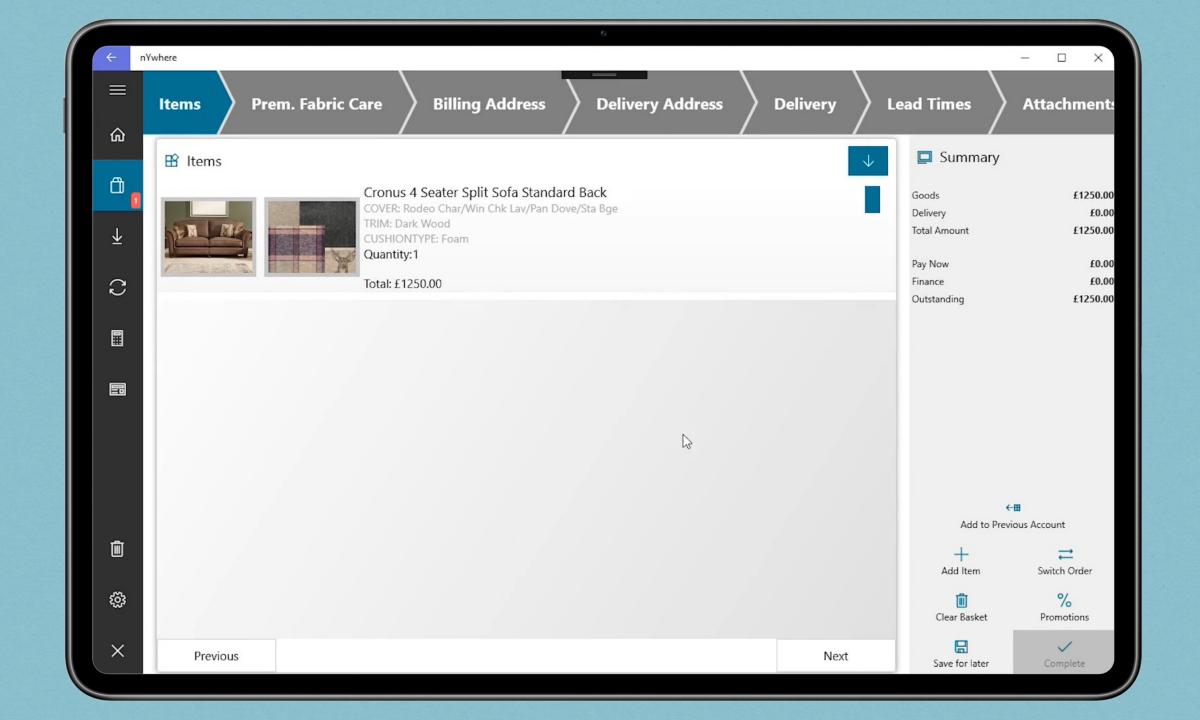


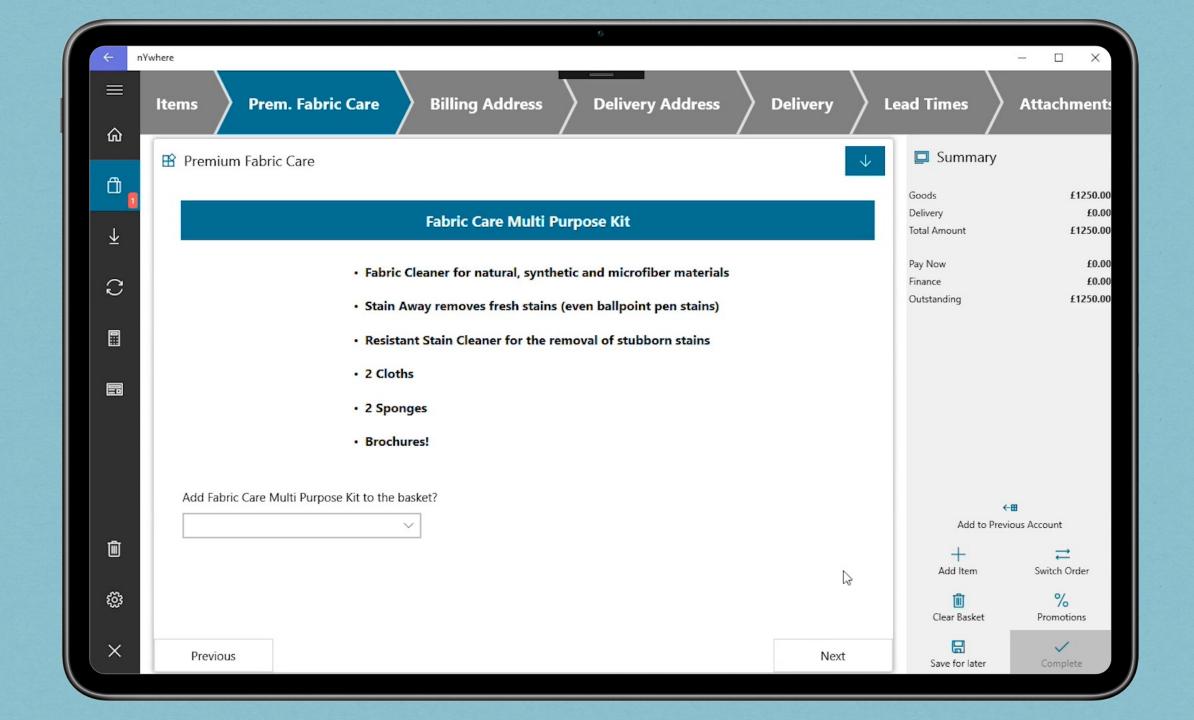


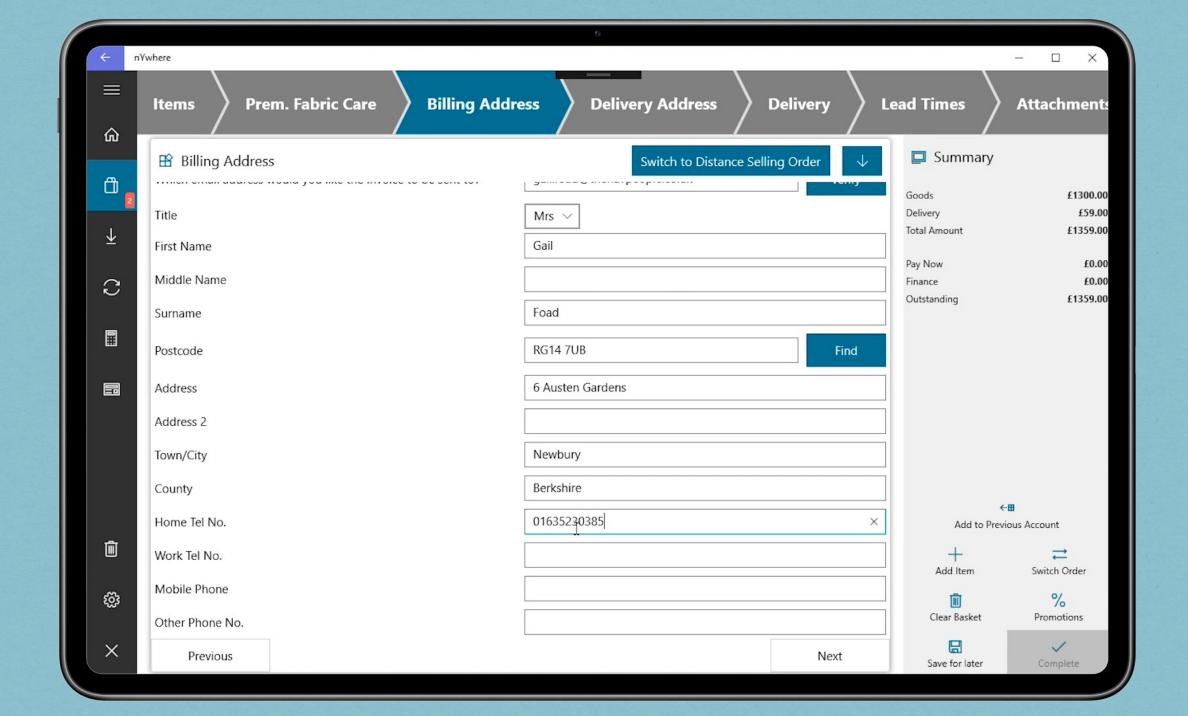


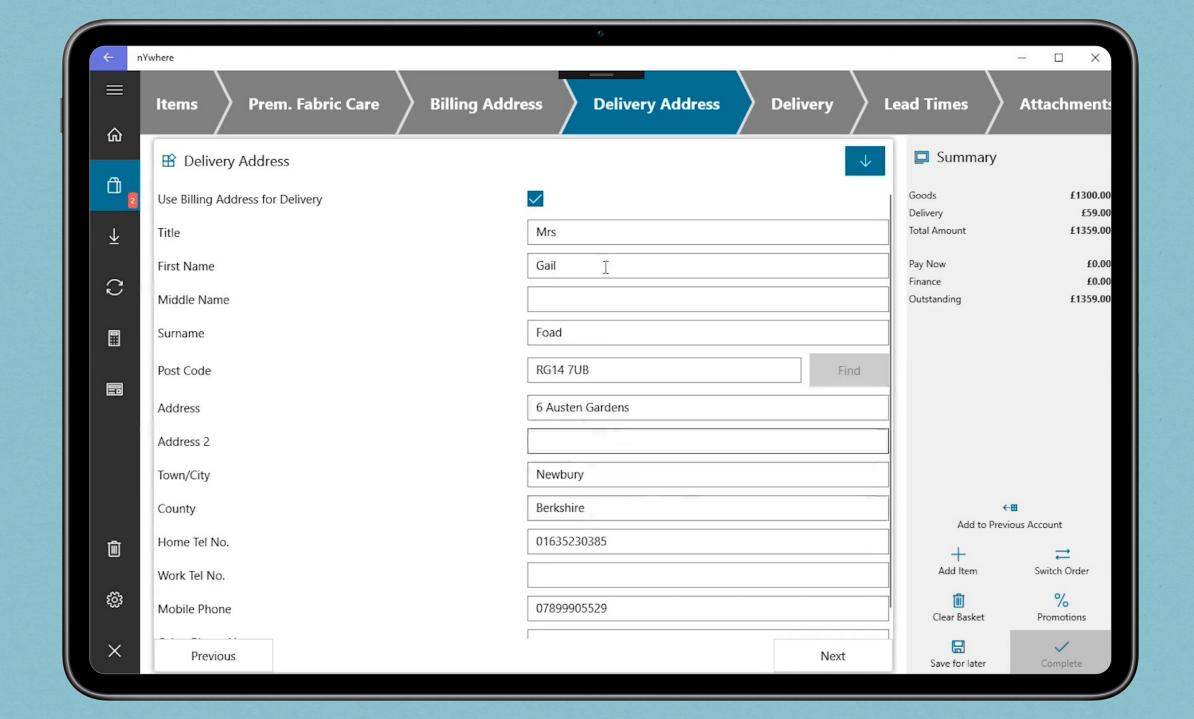


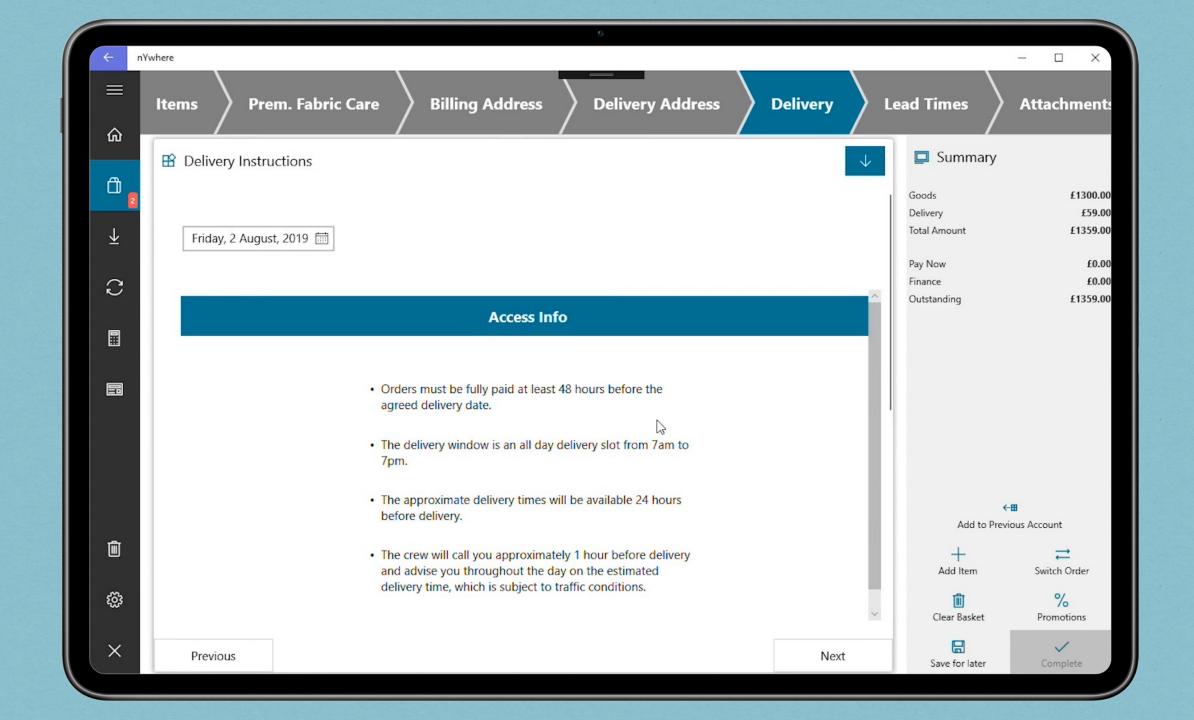


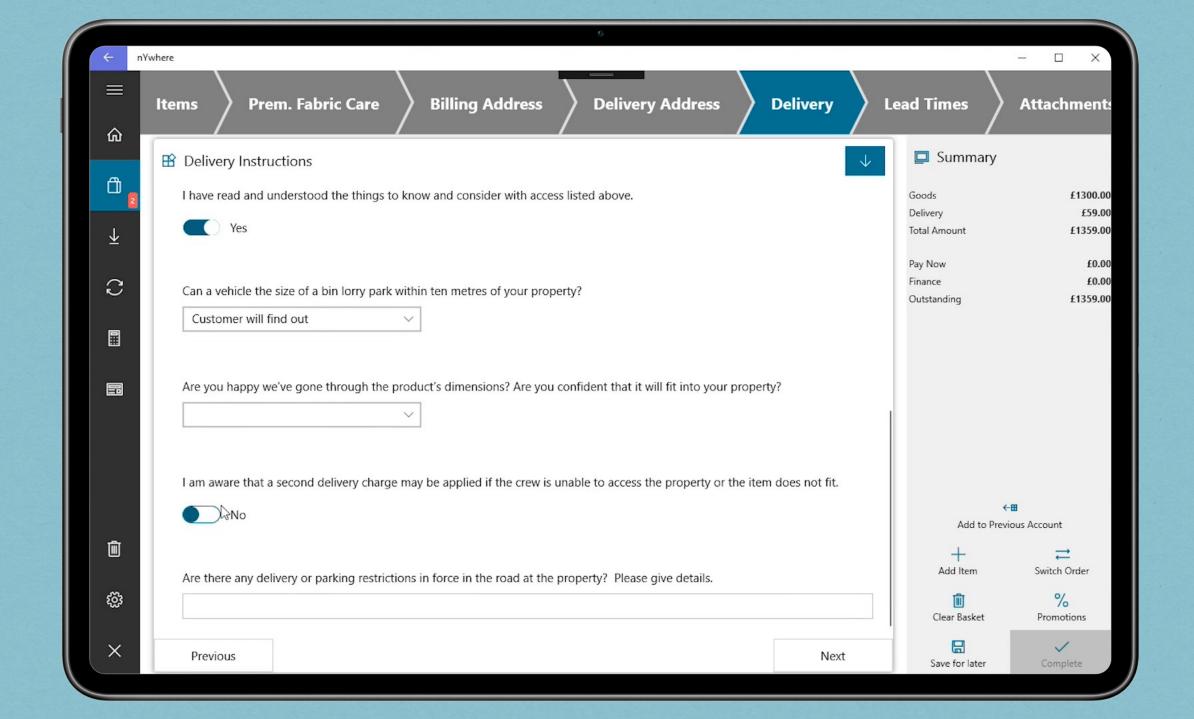


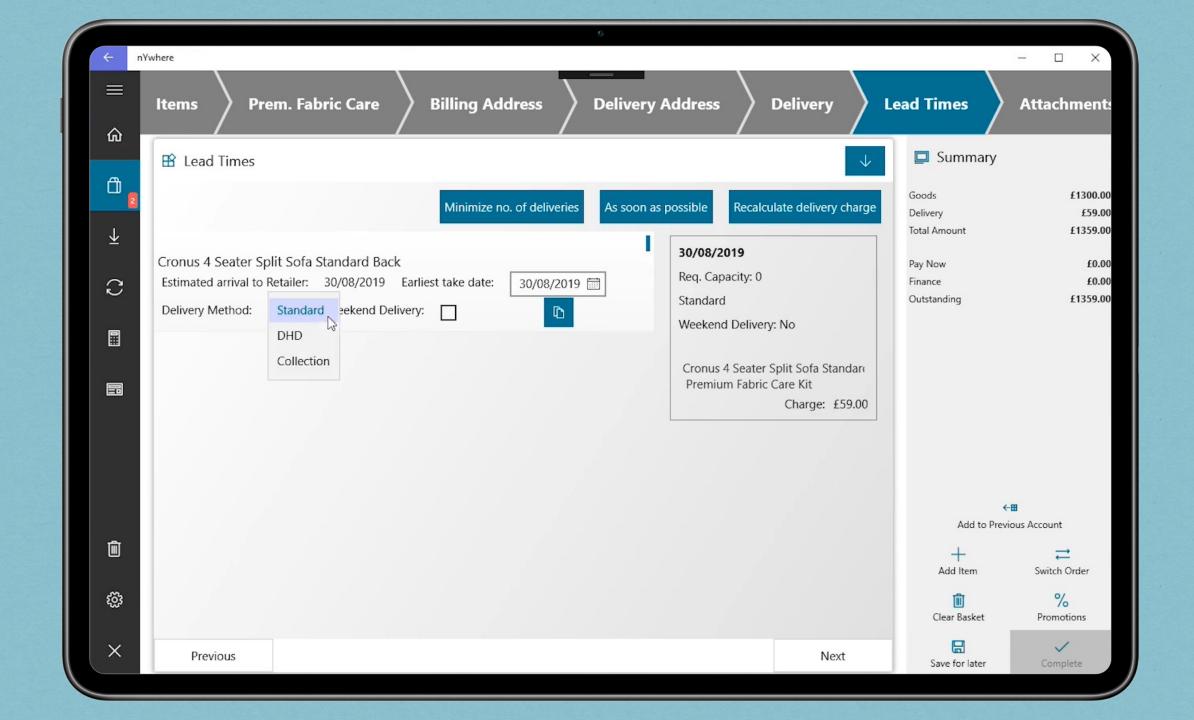


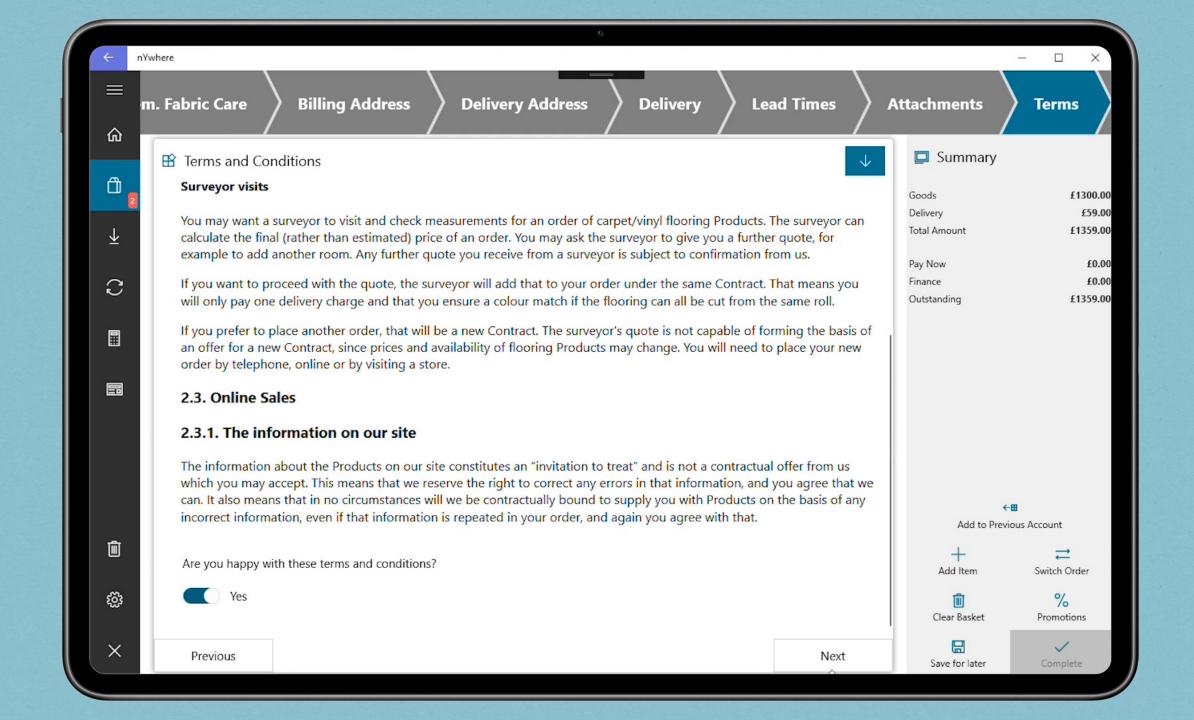


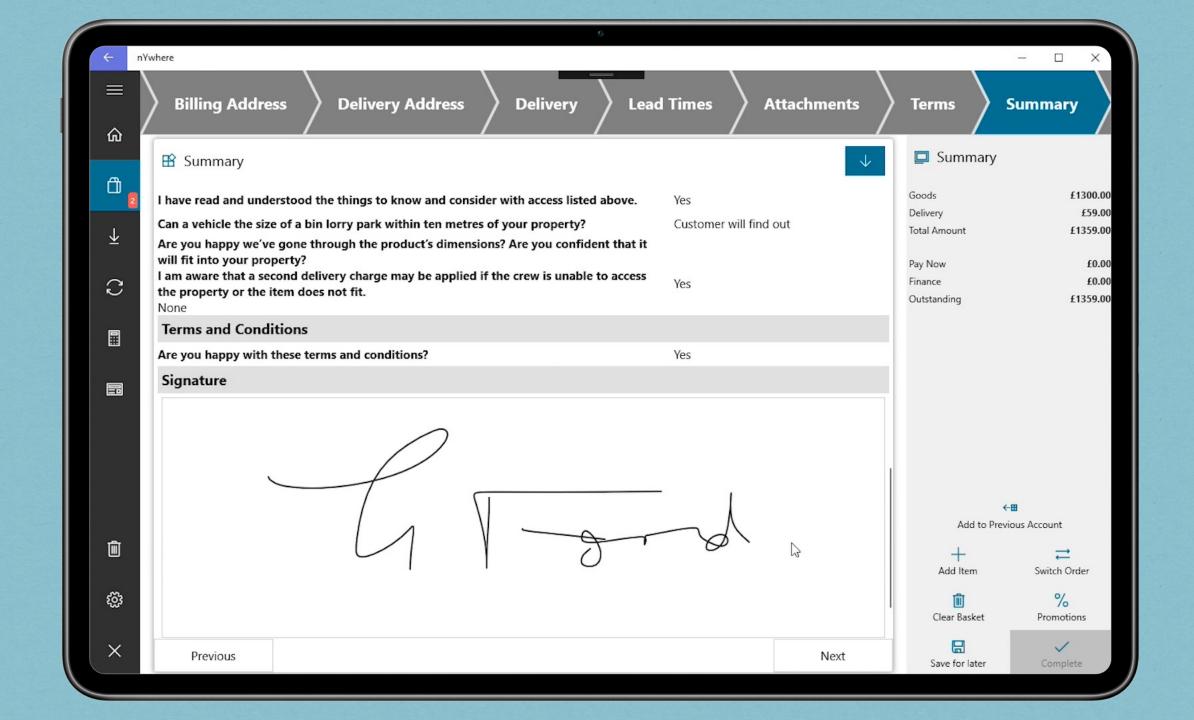


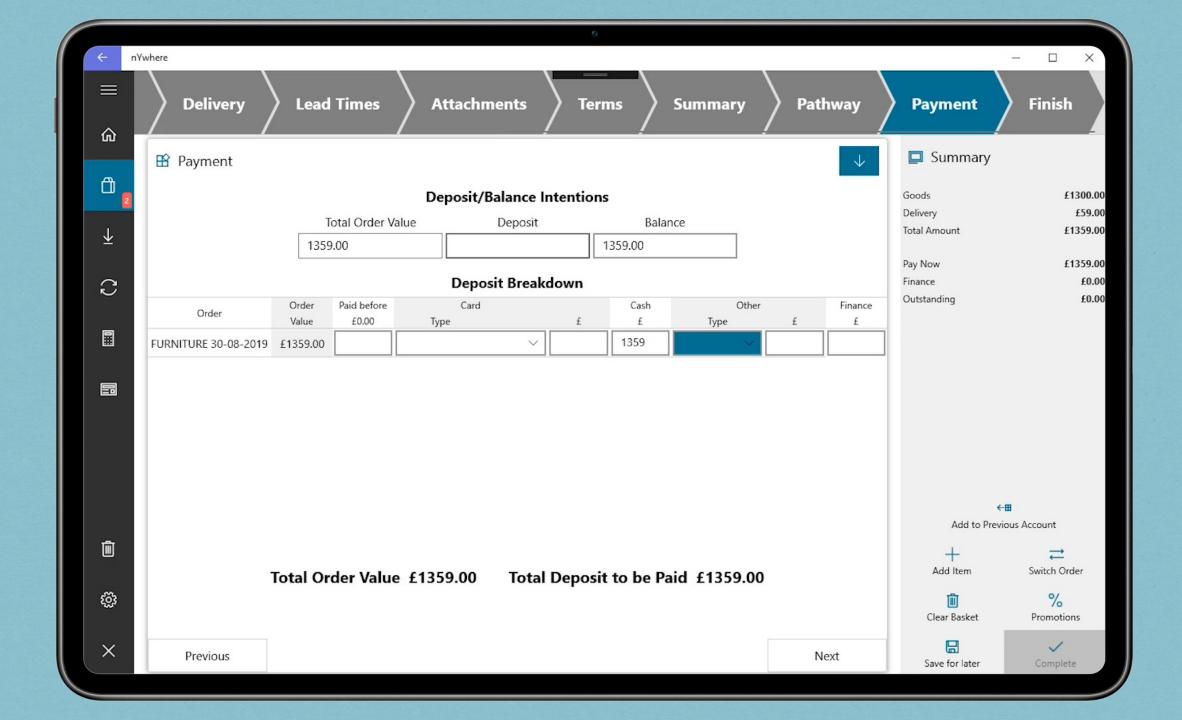


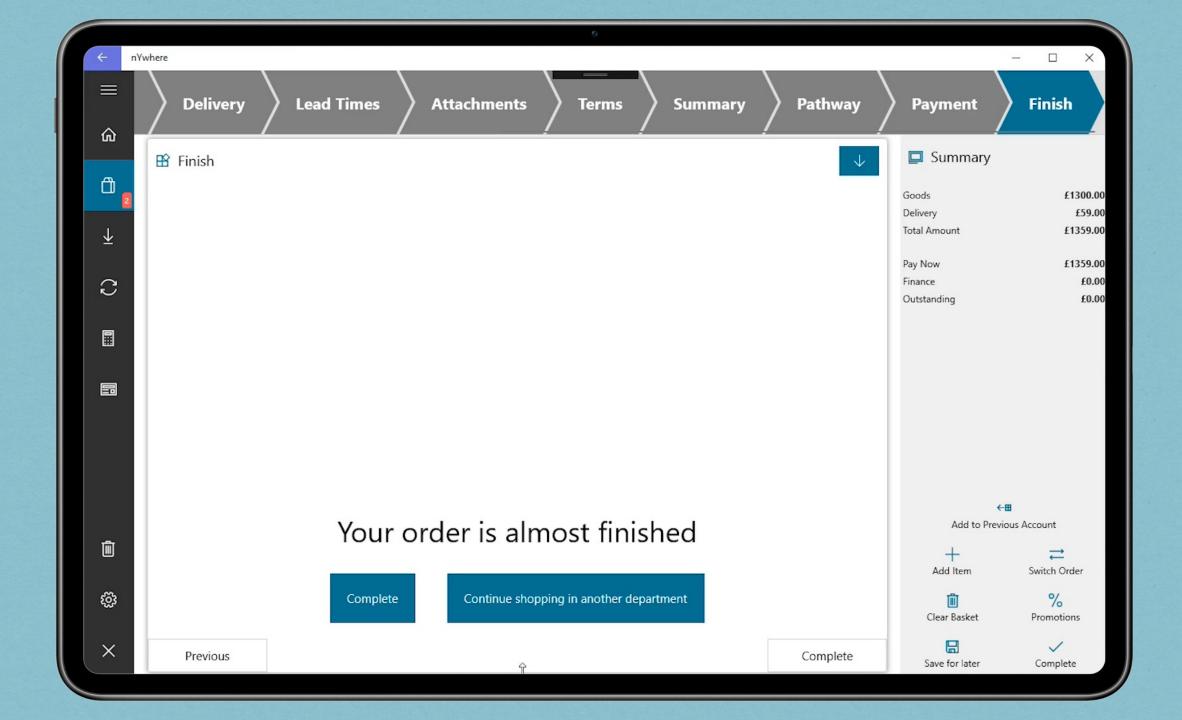










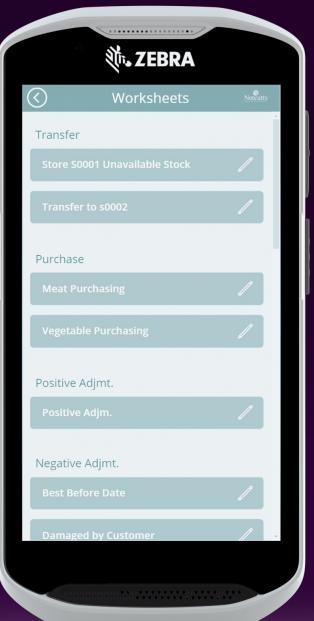


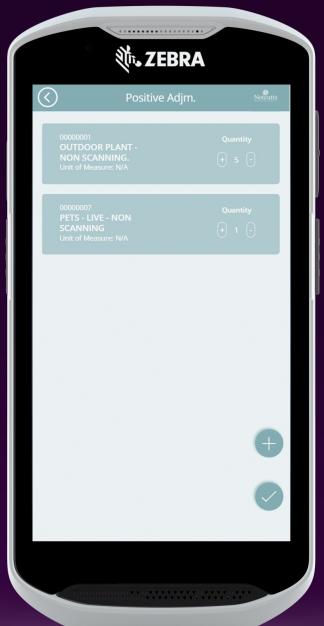


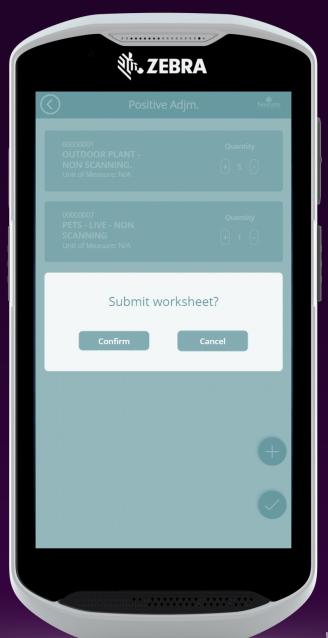






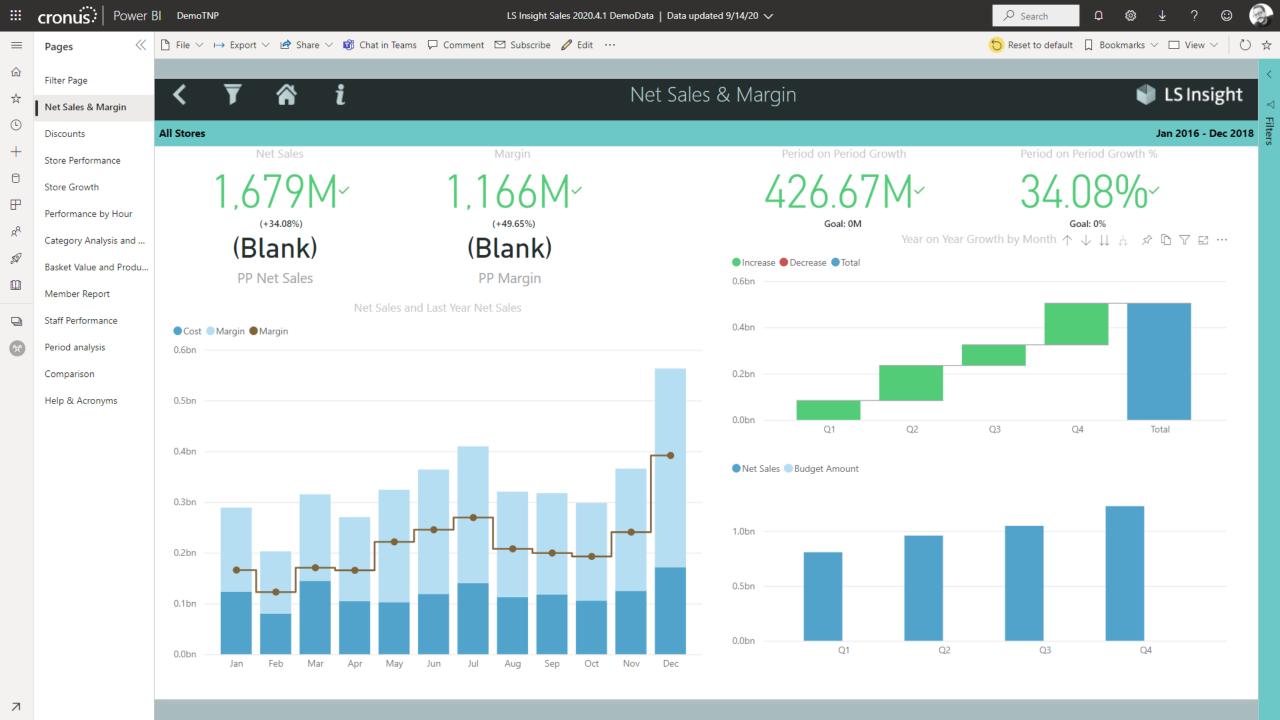


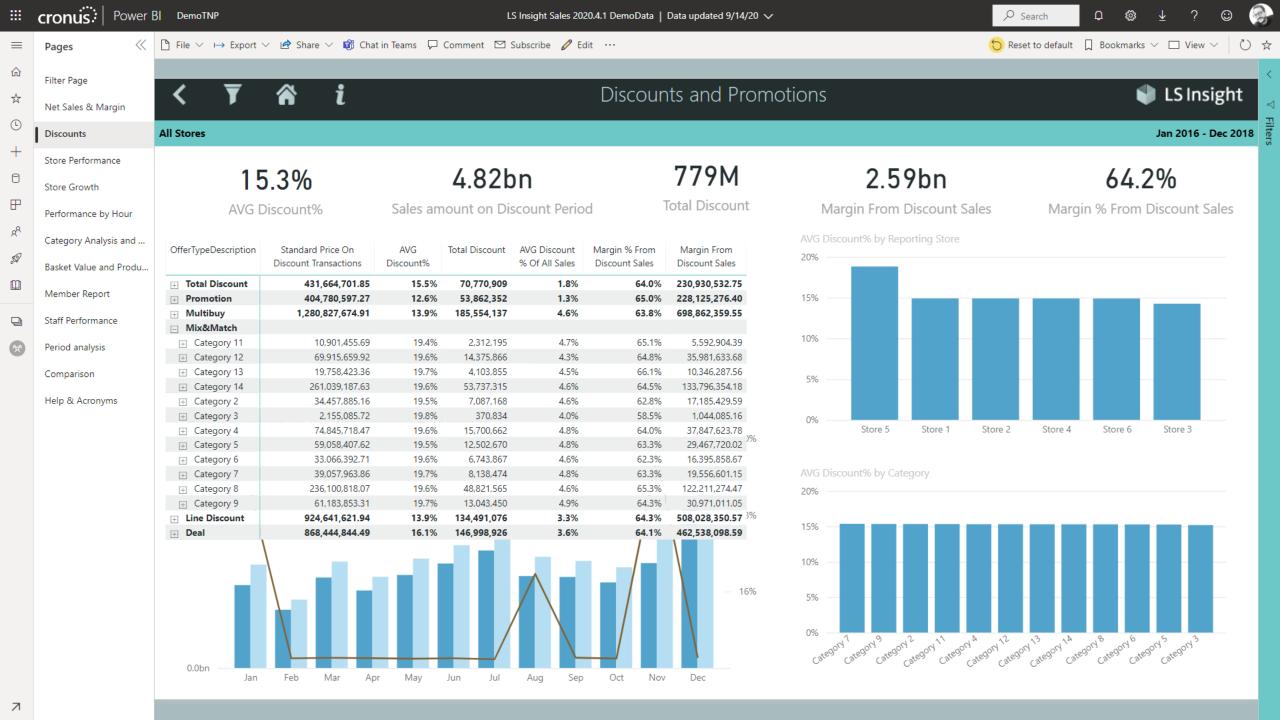


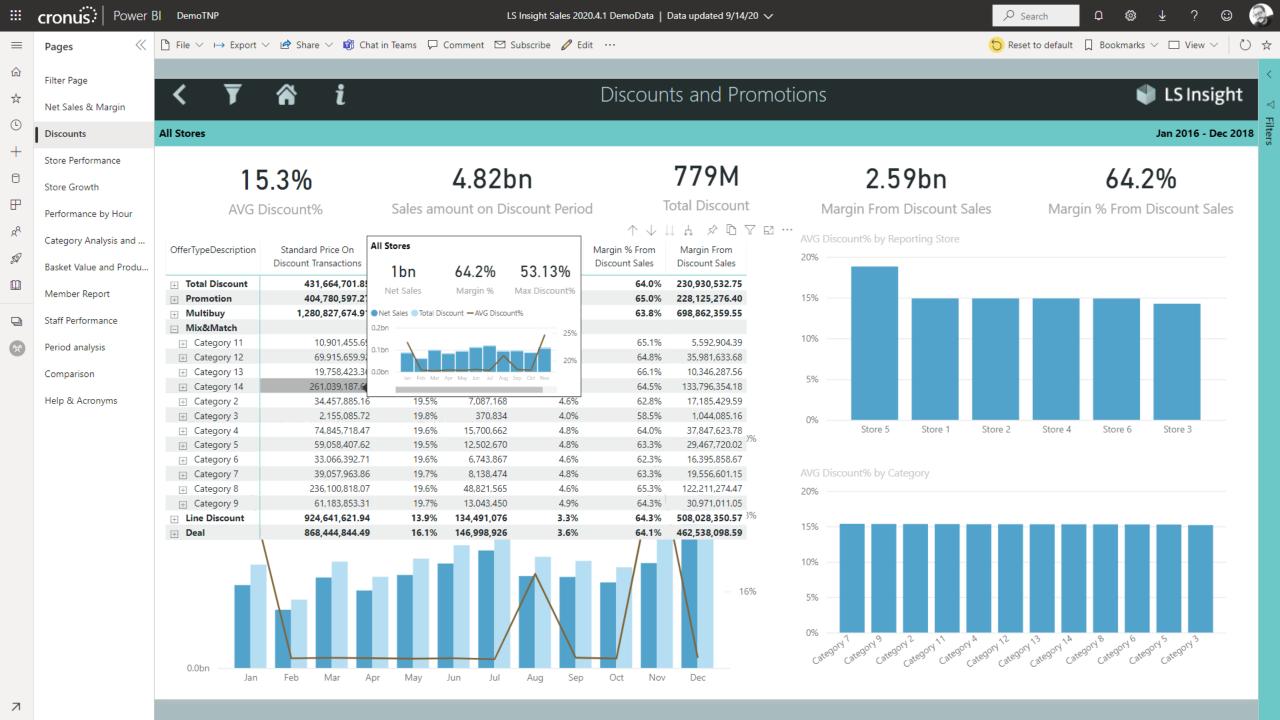


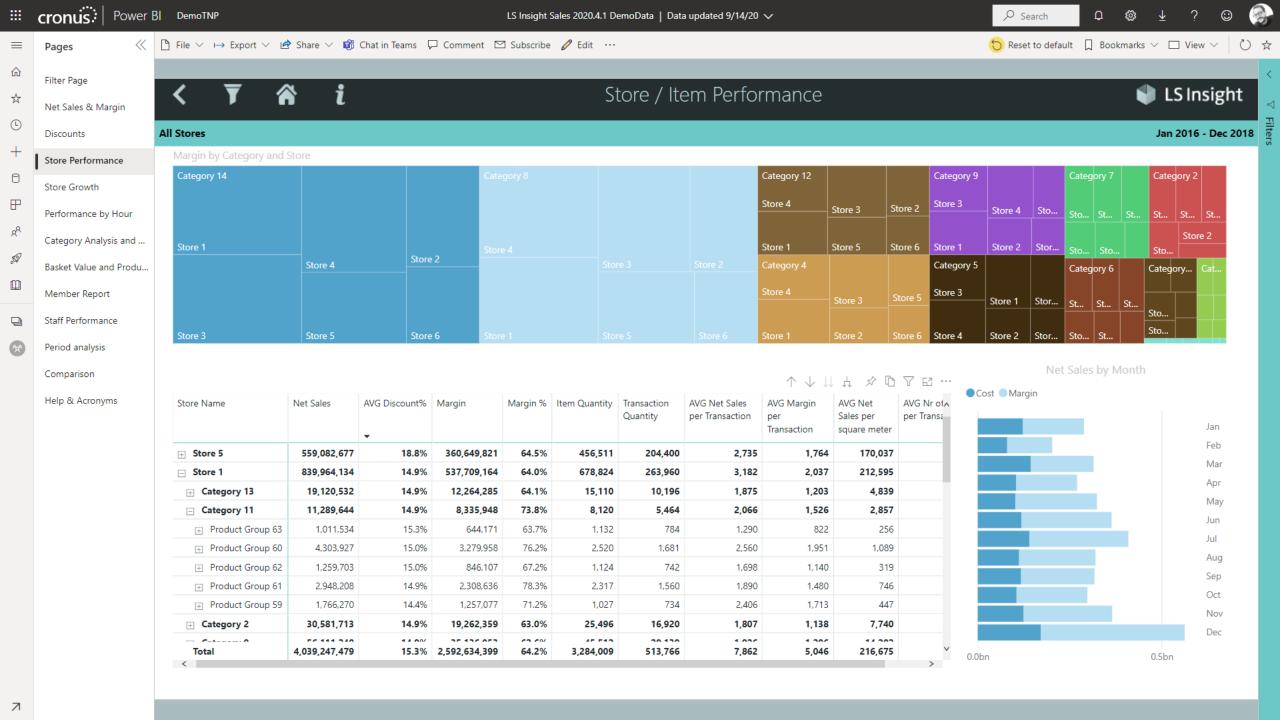
POWERBI LS INSIGHT

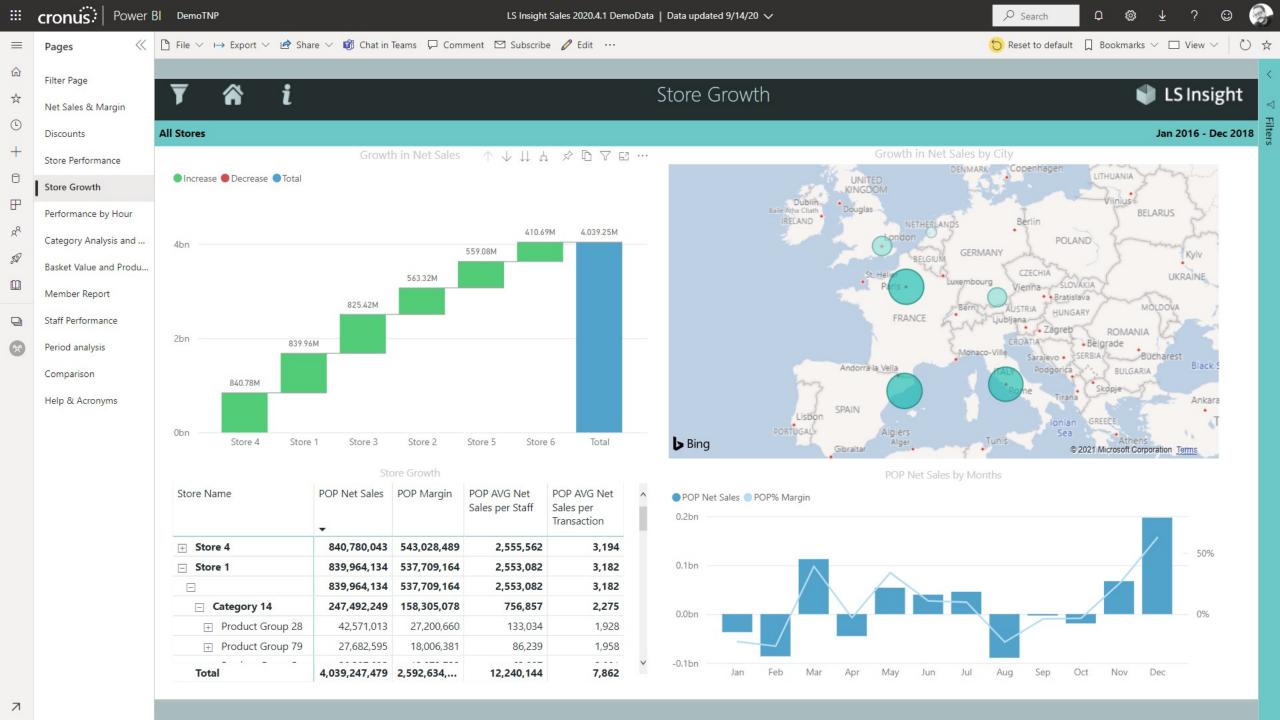


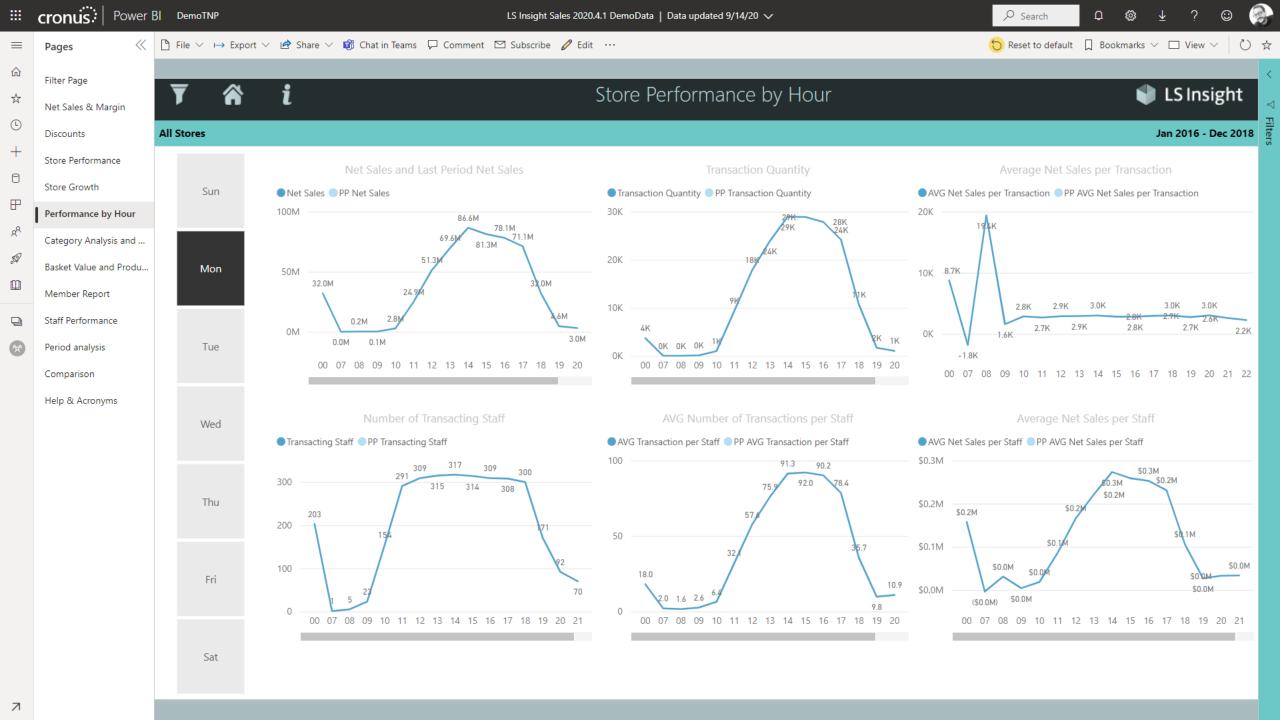


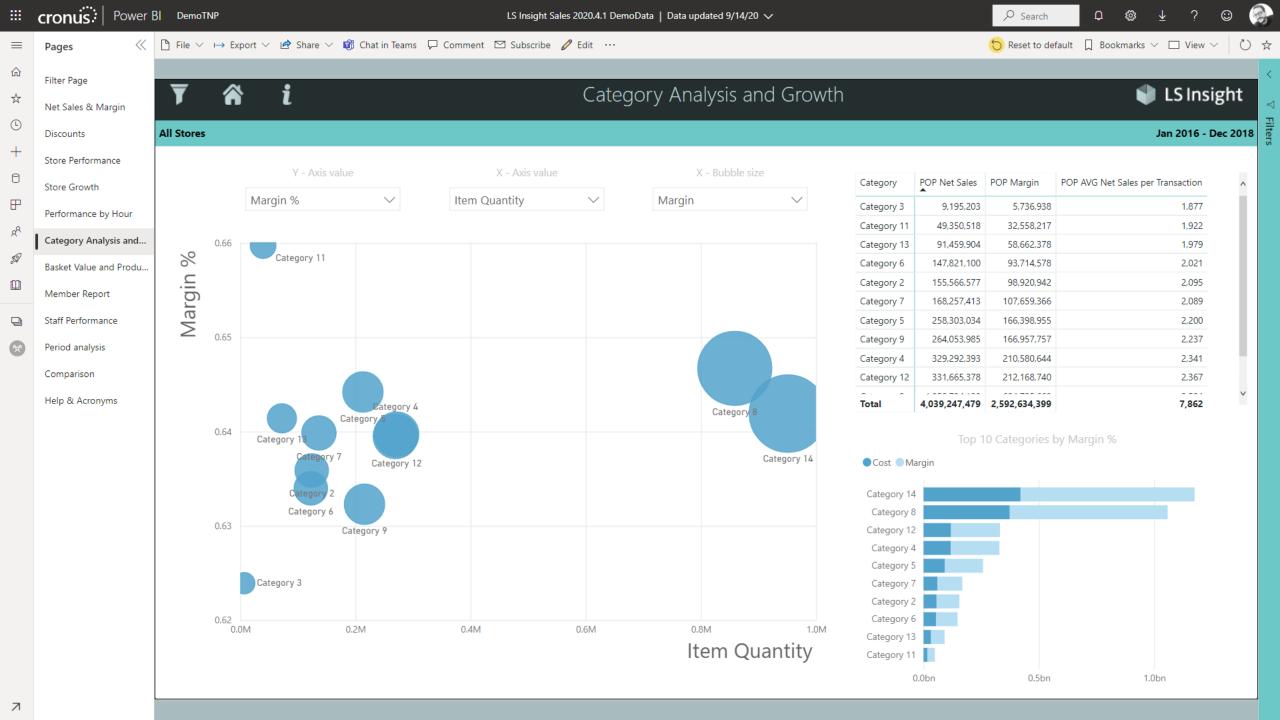


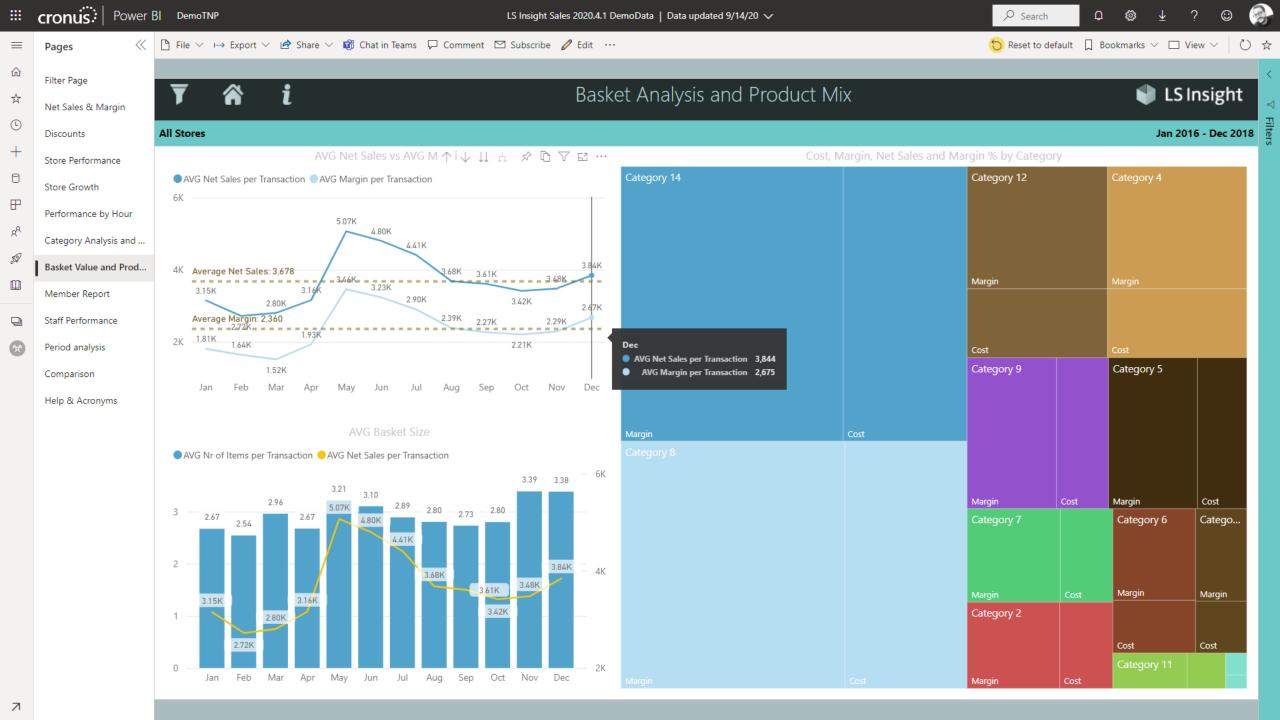


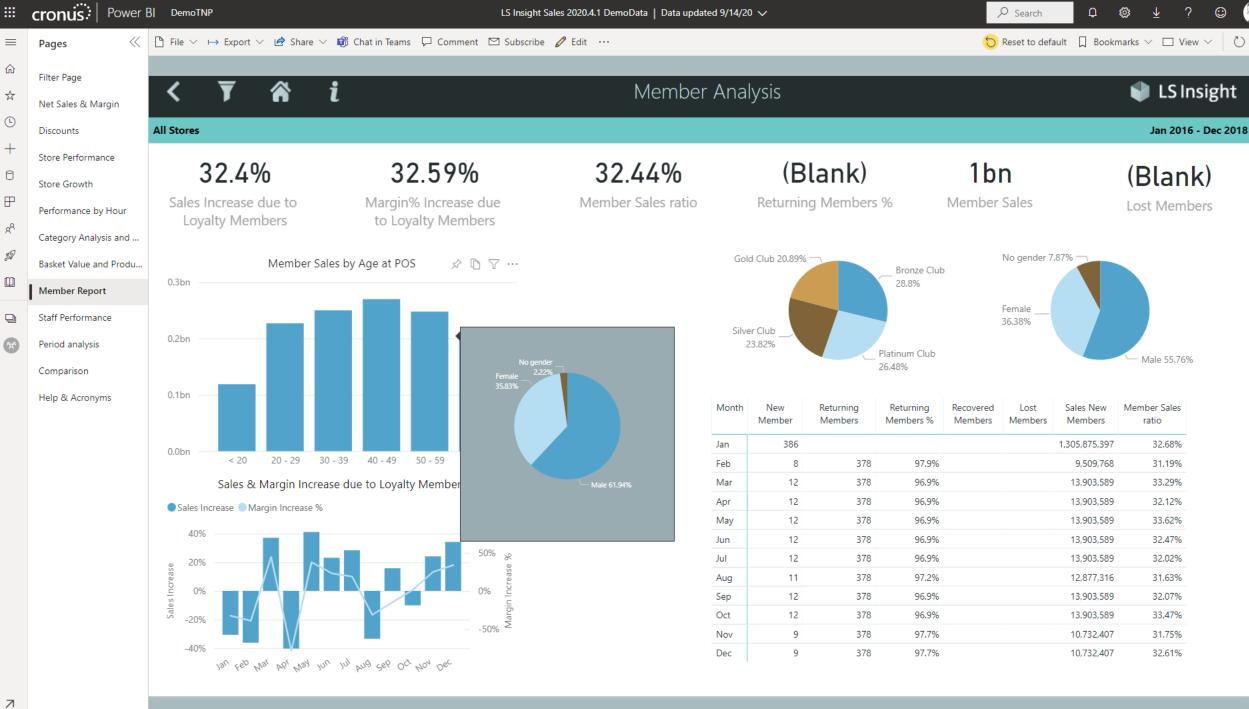


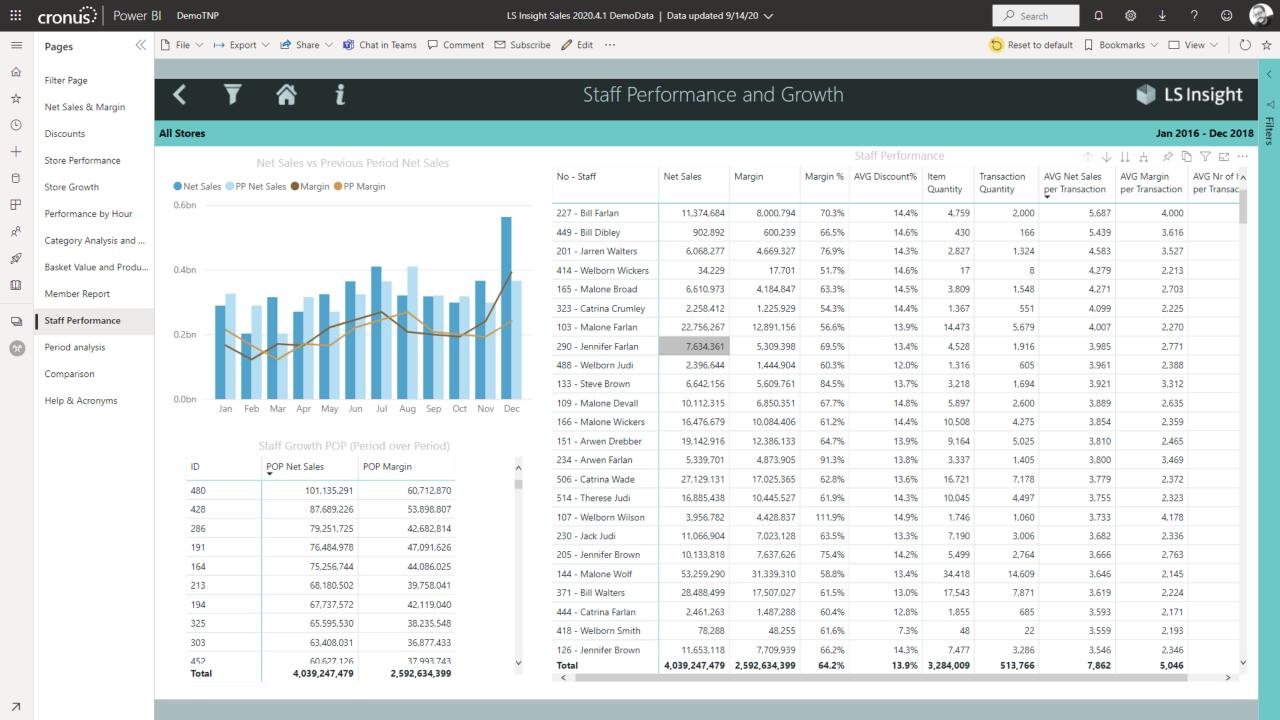


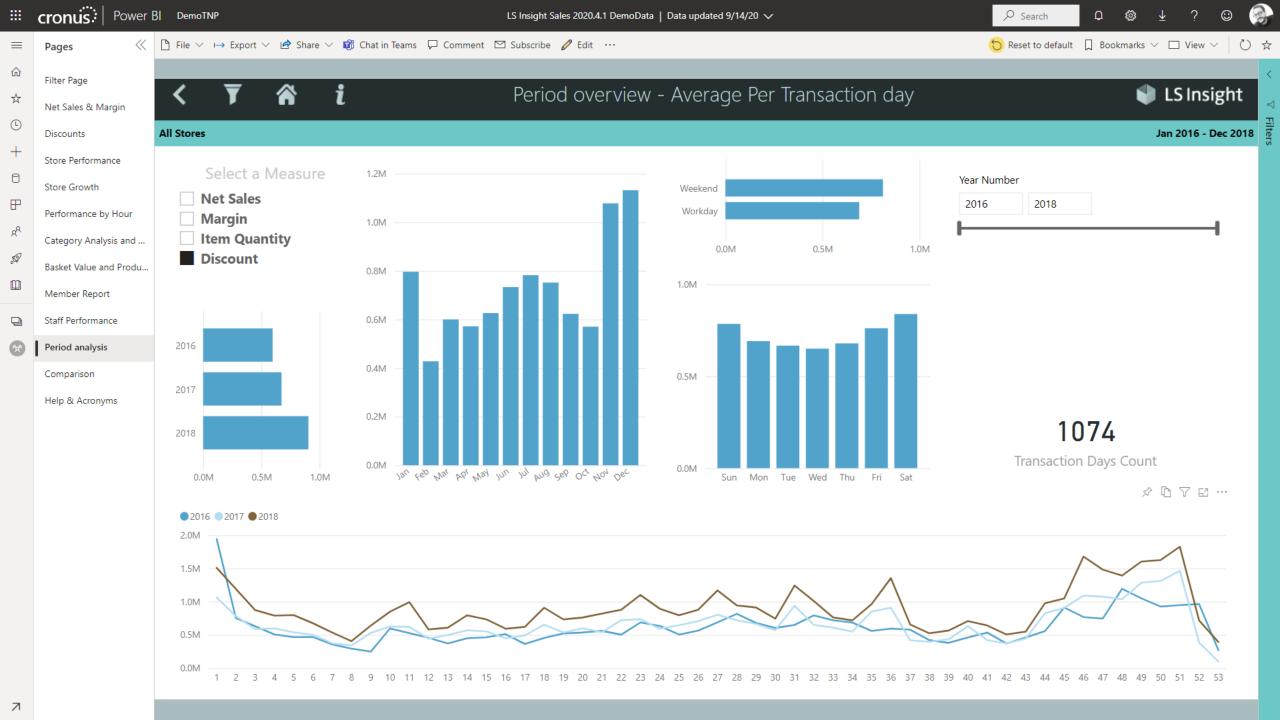


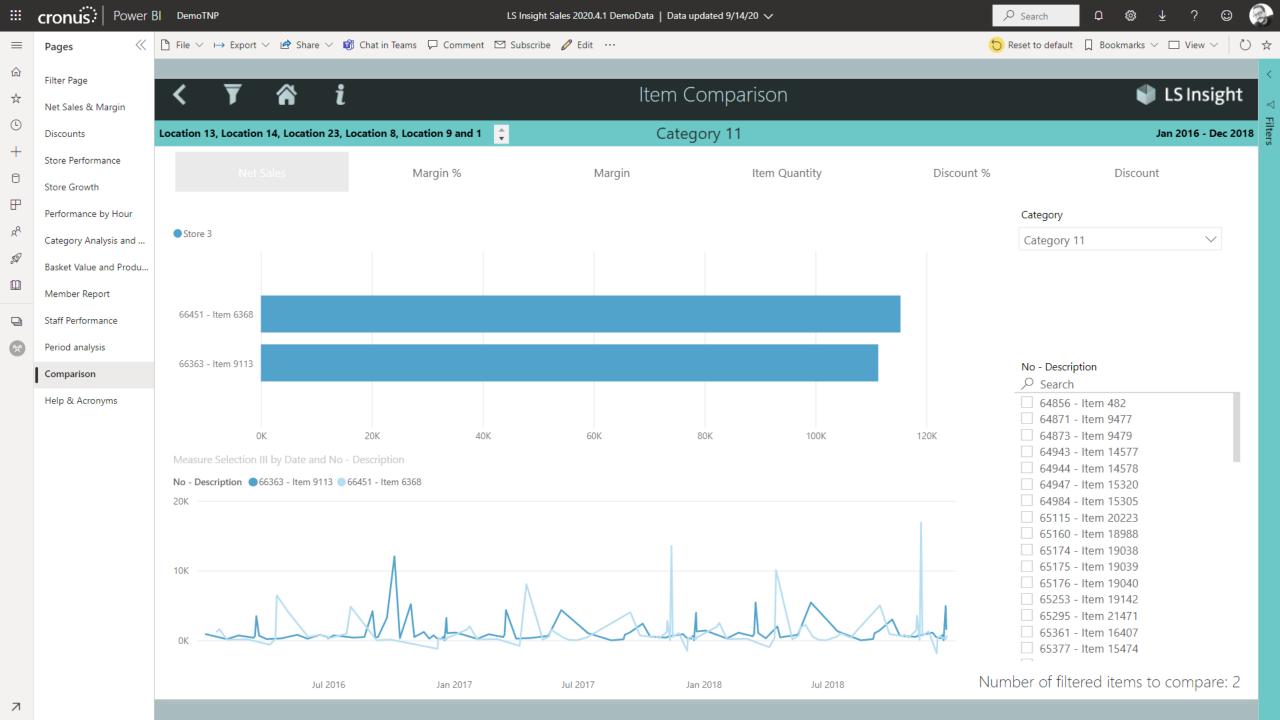


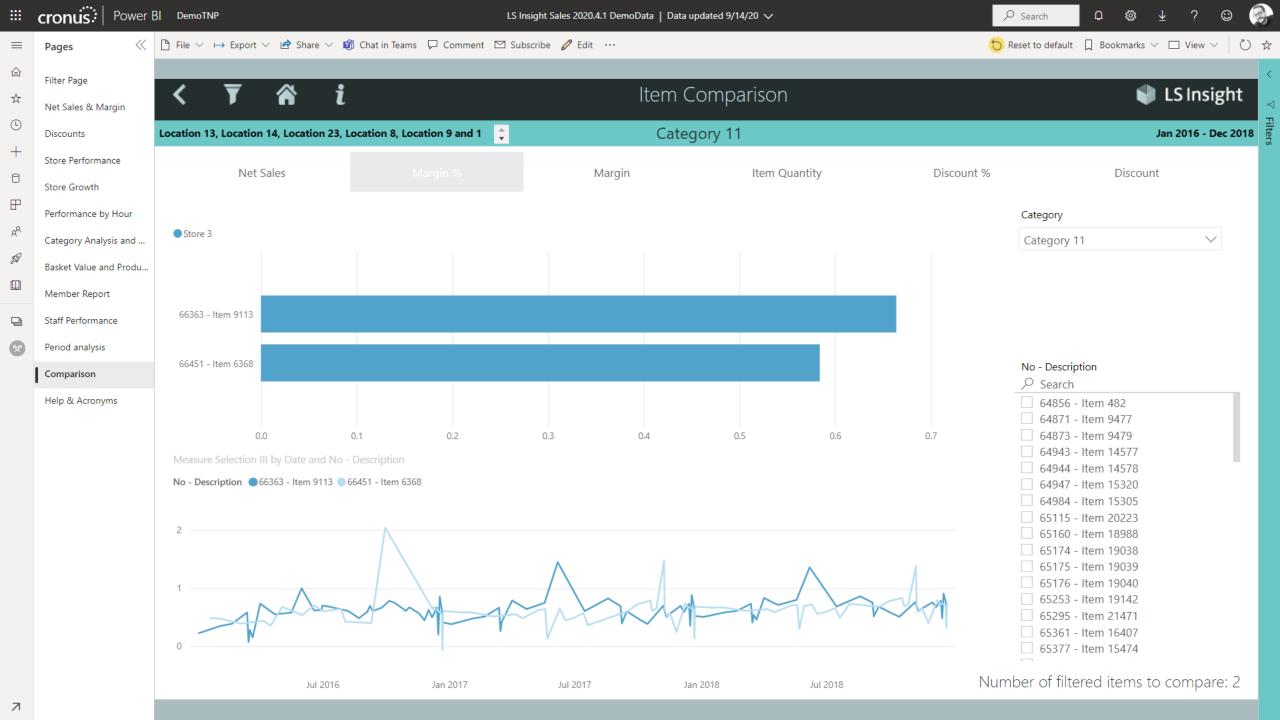


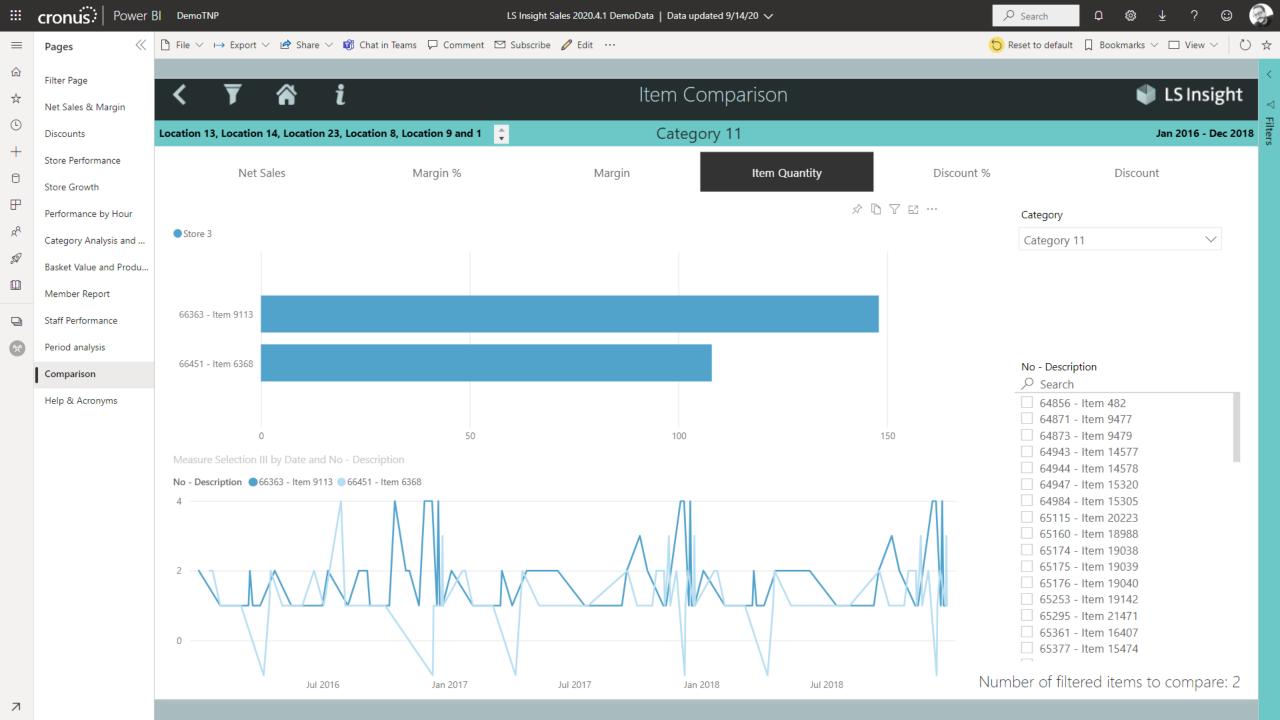


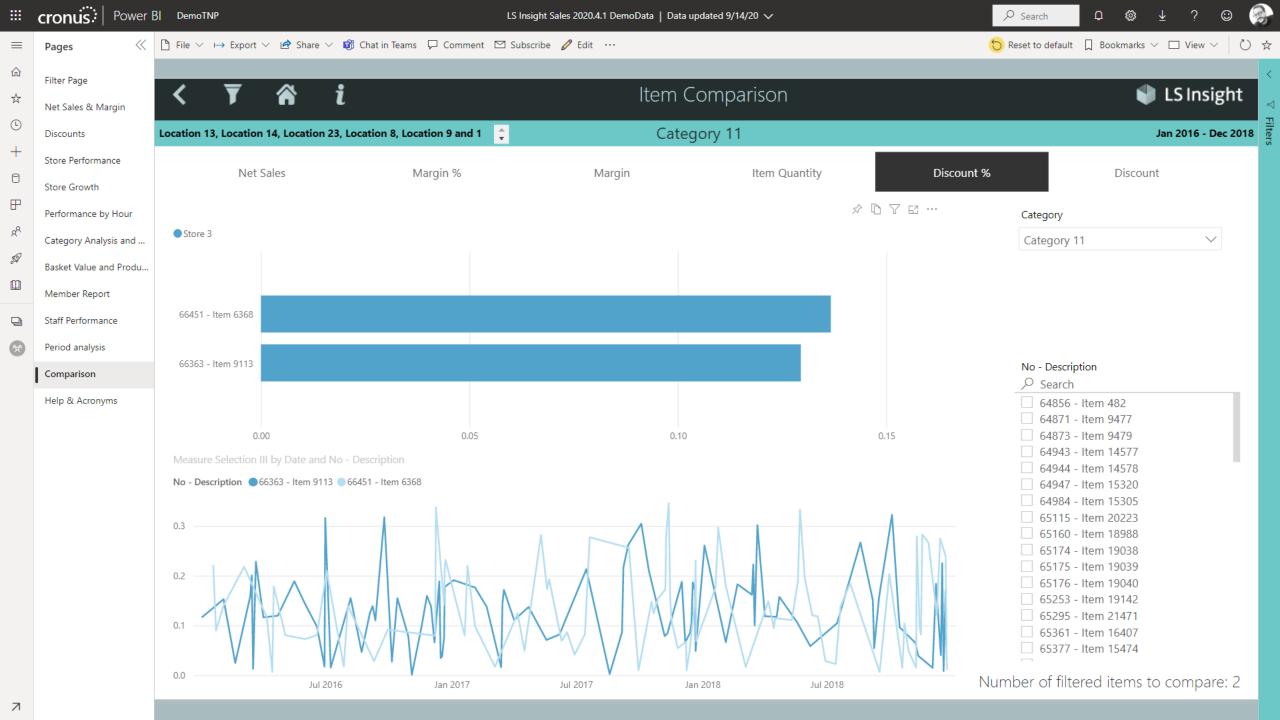












POWERBI LS INSIGHT

- LS insight is free to use
- You pay for
 - Azure SQL (£90ish pm)
 - Azure Data Factory (£30ish pm)
 - Power BI Pro (£7.50ish)

THANKS FOR YOUR TIME... QUESTIONS?

DON'T FORGET TO RATE THIS SESSION IN THE USER DAY APP

