



PUMA



La logistica „*FOREVER FASTER*“ di PUMA



TGW IN NUMBERS

PUMA IN NUMBERS

SUPPLY CHAIN STRATEGY

THE TGW SOLUTION

TIMELINE

HIGHLIGHTS & FINAL VIDEO

TGW IN NUMBERS



1969
FOUNDED



4,400
FTE IN 2022



26
LOCATIONS
WORLDWIDE



917
MILLION
SALES

TGW FUTURE
PRIVATSTIFTUNG

100%
OWNED BY A PRIVATE
FOUNDATION



3
THE CORE
BUSINESSES



OVER 3,000
THE CUSTOMERS WORLDWIDE



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1948
FOUNDED



16,125
FTE IN 2021

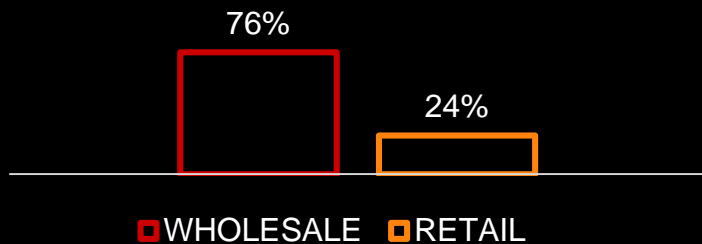


846
O&O STORES

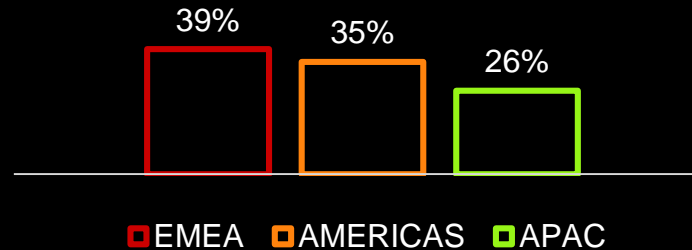


6.80
BILLION SALES

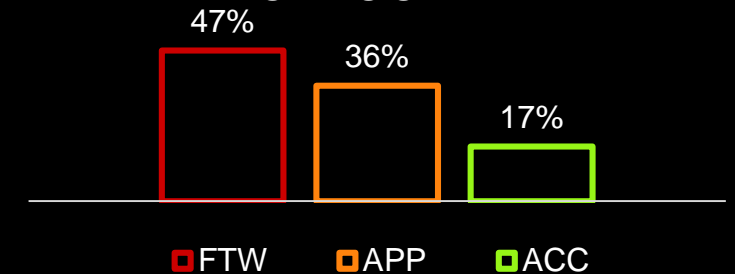
DISTRIBUTION SALES SPLIT



GEOGRAPHICAL SALES SPLIT



PRODUCTS SALES SPLIT





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SUPPLY CHAIN STRATEGY SET IN 2018

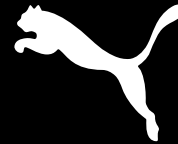
OBJECTIVE

„BE A FLEXIBLE SERVICE ORIENTED PARTNER
WHO IS EASY TO DO BUSINESS WITH“

TARGETS



SECURITY



FAST & FLEXIBLE

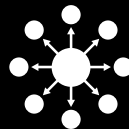


MODERN



SCALABLE

ACTION



DC-NETWORK



UNIVERSAL ERP



AEO STATUS

SITUATION IN 2018

FRAGMENTED WAREHOUSE STRUCTURE



DECENTRALIZED NETWORK OF DCs

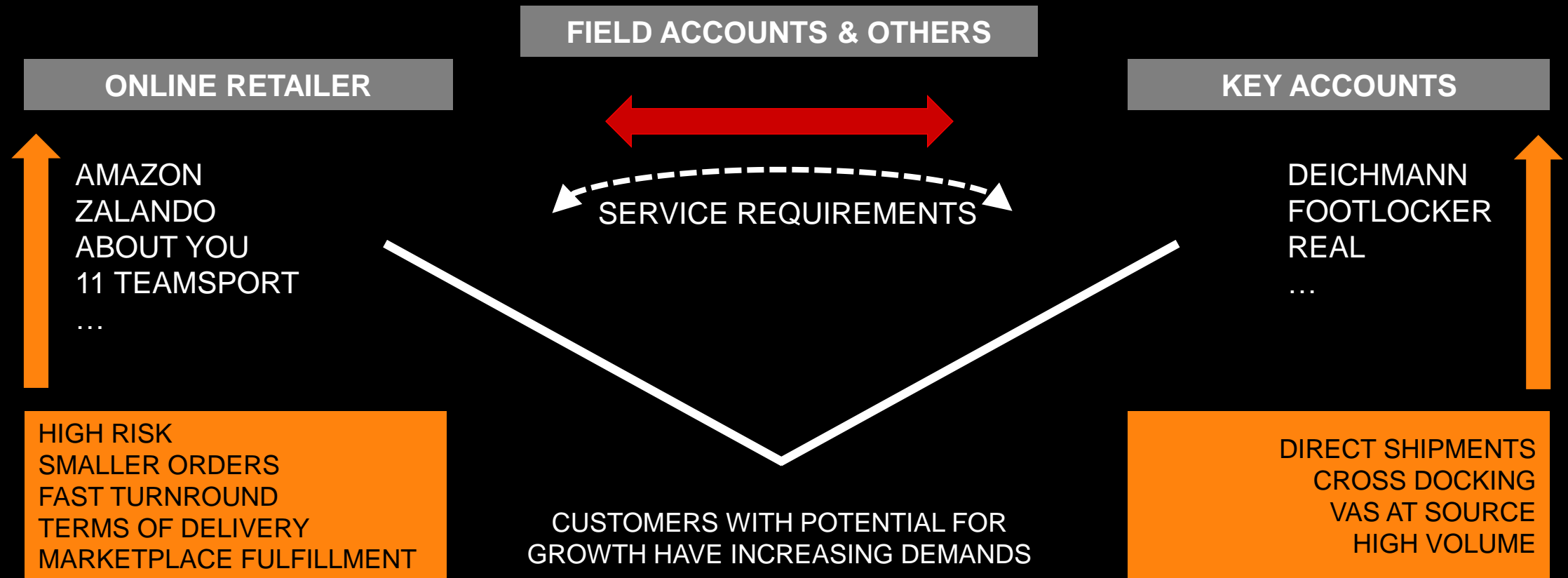
FEW AUTOMATED SYSTEMS

HIGH INVENTORY LEVEL

SEPARATE DCs FOR B2B AND B2C

MARKET TREND EVOLUTION

INCREASING CUSTOMER DEMANDS



TOMORROW REQUIREMENTS FOR THE FUTURE DISTRIBUTION NETWORK



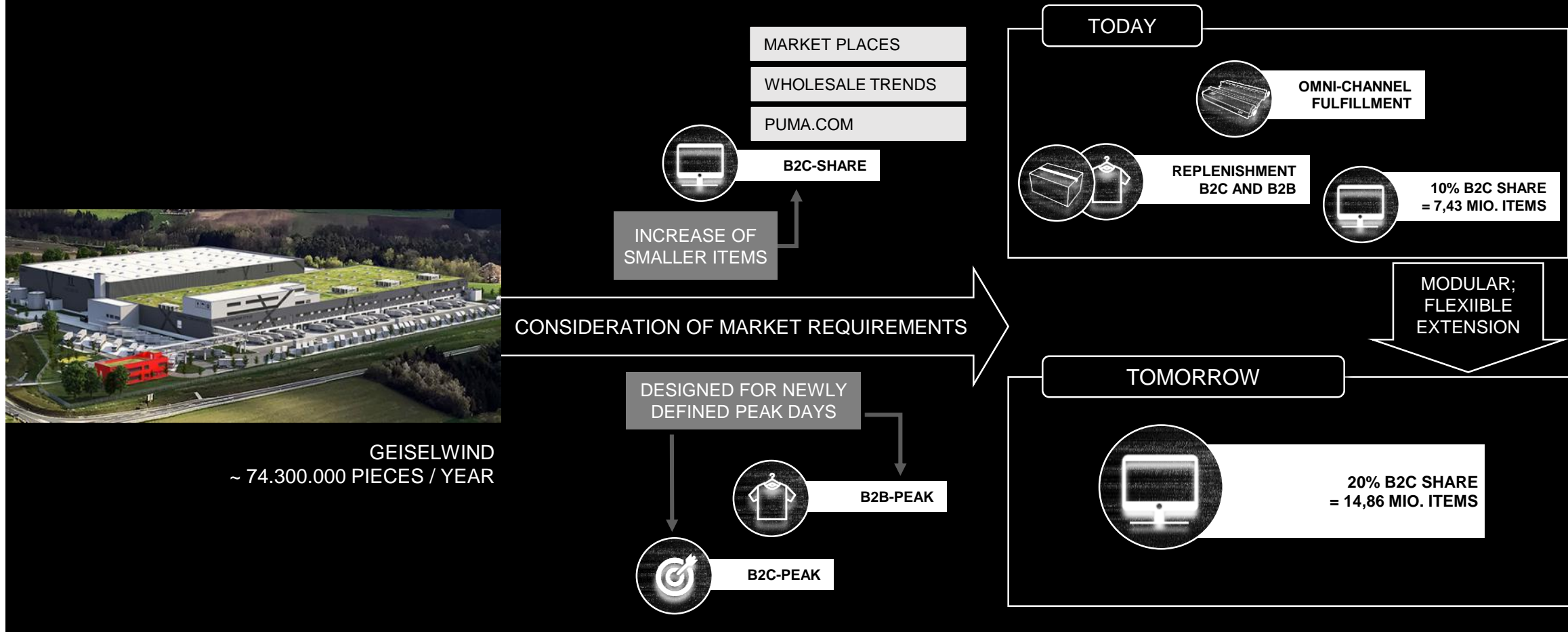
SERVICE LEVEL

SYNERGY EFFECTS

FLEXIBILITY AND PERFORMANCE

AUTOMATION

EXPANSION STRATEGY





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SYSTEM PERFORMANCE

713,000 STORAGE LOCATIONS

122,000 SKUs

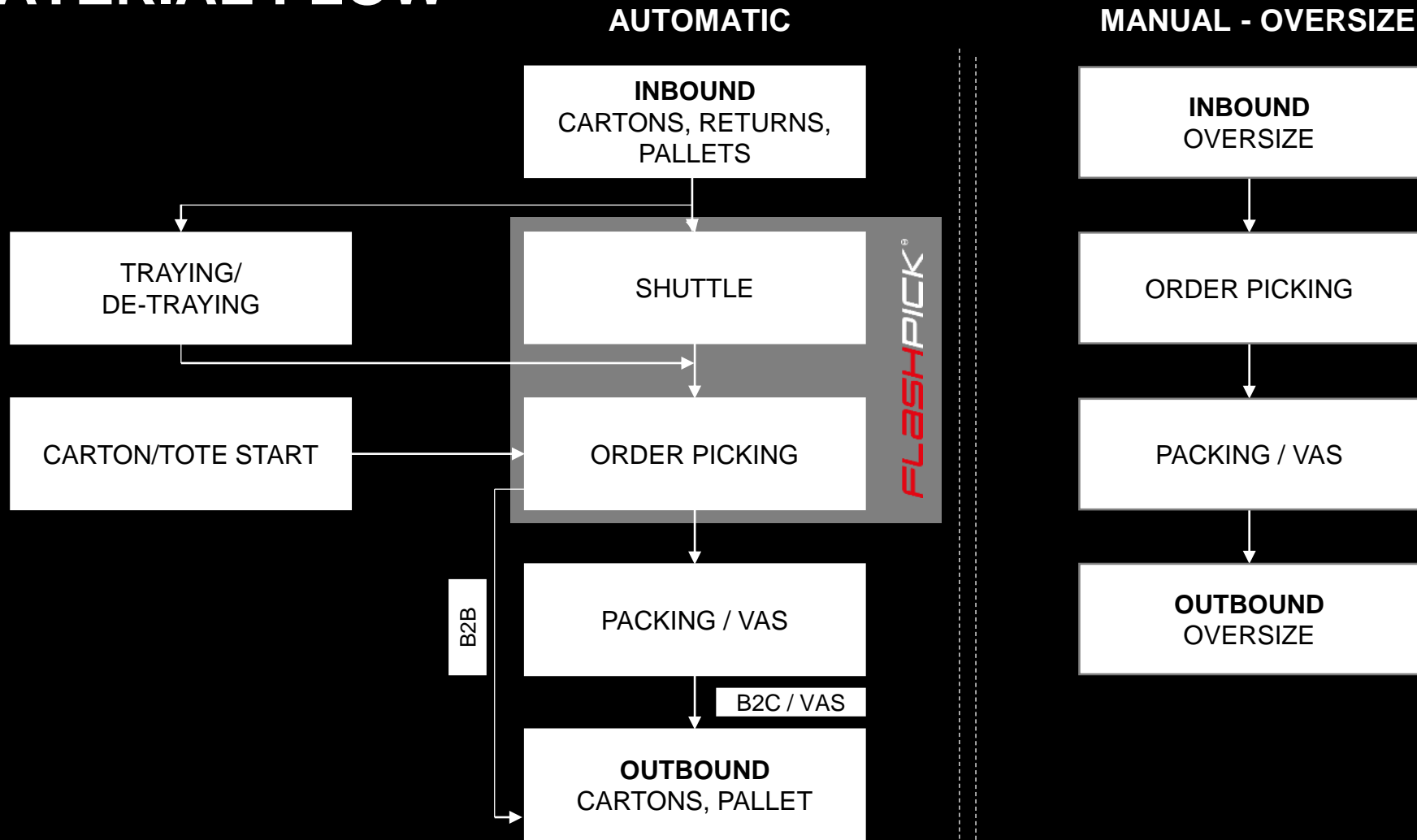
74,300,000 ITEMS / YEAR

9,500 ORDER LINES / HOUR PEAK B2B

7.300 ORDER LINES / HOUR PEAK B2C

13.500 ORDER LINES / HOUR TOTAL AVERAGE

MATERIAL FLOW



WHAT IS FLASHPICK?

GOODS-TO-PERSON ORDER FULFILLMENT

FLASHPICK®
SMART PIECE PICKING SYSTEM by TGW

SHUTTLE SYSTEM FOR AUTOMATED
STORAGE AND RETRIEVAL



HIGH-PERFORMANCE PICKING
WORKSTATIONS (UPGRADABLE)



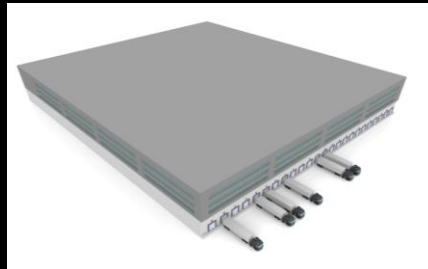
INDEPENDENT OF ORDER PROFILE

HIGH PICKING PERFORMANCE

EASY TO EXPAND

WHY IS FLASHPICK SO SUCCESSFUL?

ONE SIMPLE PROCESS FOR ALL CHANNELS



Retail/Wholesale/Direct
(1 System processing any
combination of
Retail/Wholesale/Direct
orders)

Retail /
Wholesale

Click&Collect

E-commerce B2C



END CONSUMERS
home deliveries

DOOR TO DOOR SYSTEM

Inbound



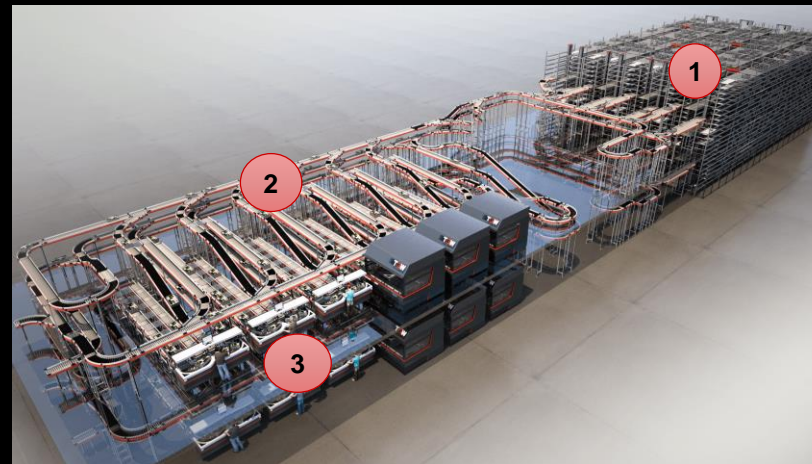
Storage



Order fulfilment VAS | Packing



Outbound



- 1 Shuttle Engine STINGRAY
- 2 Conveyor Network VECTO
- 3 PickCenter One

Stingray Shuttle System

- Scalar and modular
- Multiple deep storage
- Up to 1,200 LC/h and more
- Energy recovering system – TGW PowerCAP
- Loads up to 50 kg



One source. One target.

- Ergonomic design
- Up to 1.000 OL/h
- Sustainable rate





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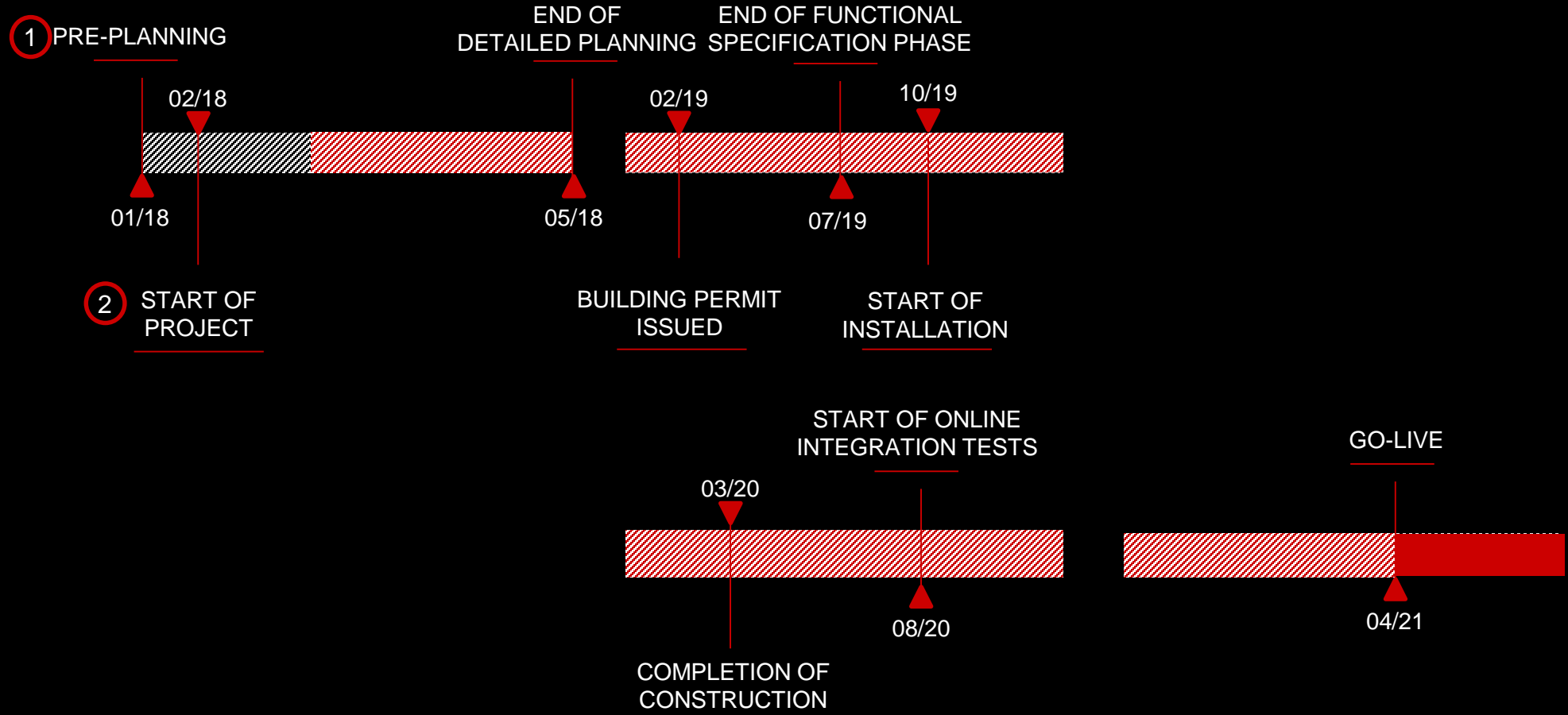
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HIGHLIGHTS

GOODS-TO-PERSON ORDER FULFILLMENT





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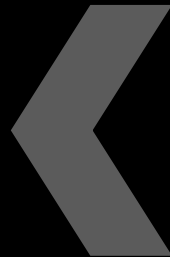
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HIGHLIGHTS

BUSINESS
ENABLER



READY FOR FUTURE GROWTH IN B2B AND B2C

HIGH RESPONSIVENESS TO NEW MARKET REQUIREMENTS

UNLIMITED ACCESS TO ALL SKU_s AND LEAN PROCESSES

THANK YOU!

