

**PICK AND PACK  
DELIVERY SYSTEM**

A **CUSTOM-BUILT** INTERACTIVE APPLICATION  
TO STREAMLINE OPERATIONS **FROM  
PACKING TO DELIVERY**

# TABLE OF CONTENTS

1	Introduction to the Application
2	Application Process Defined
3	Application User Functionalities
4	Application Screenshots
5	Application Reporting Features
6	Application Technologies
7	Questions & Answers

# INTRODUCTION

TO THE APPLICATION



# WHAT IS

pick & pack delivery system

**A custom built interactive application** to streamline operations from picking, packing to delivery

- ❖ Simplify the process of logistics
- ❖ Simplify operations and manage them systematically
- ❖ Solution that facilitates interoperability and scalability
- ❖ Feature rich solution integrating with the existing company's systems and operation

The solution was designed and developed to:

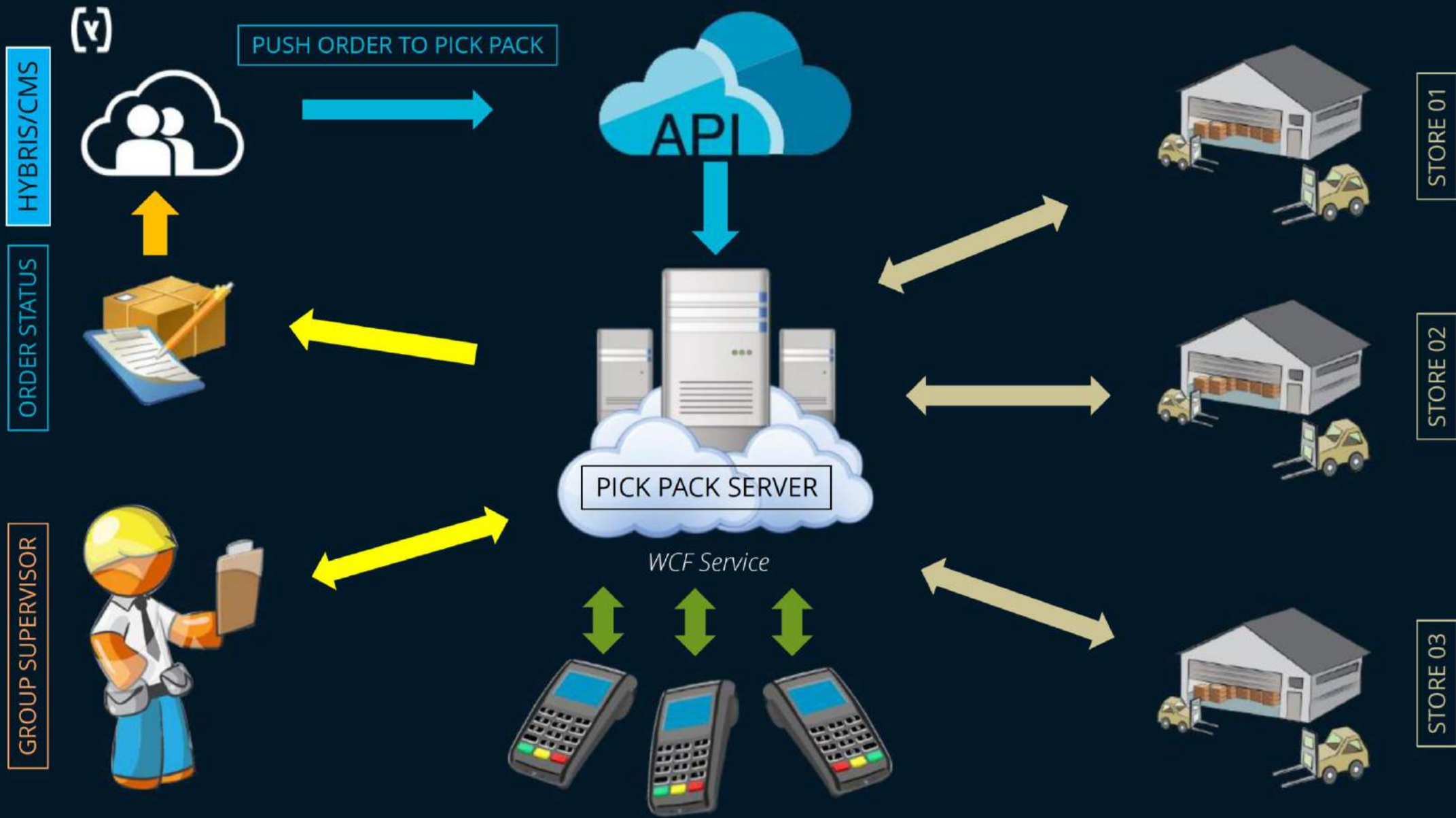
- ❖ Receive order list from the online webstore
- ❖ Manage order list
- ❖ Allocate orders to pickers / master pickers
- ❖ Verify & approve orders - picked and security check
- ❖ Scanning and storing of the orders
- ❖ Manage delivery



A hand is shown holding a large gear. The background is filled with various other gears of different sizes and orientations, creating a complex mechanical pattern. The entire image has a blue color cast.

# **APPLICATION**

PROCESS DEFINED



# Process Summary



# Push Orders to Pick Pack





# Products in Pick Pack



Fresh



Frozen



Dry



Scalable



Non-Scalable

# Batch Picking



Store supervisor will be able to batch orders and release them to pickers

Pickers will be able to pick items inside the batch as if it is in a single order. Pickers will not be able to identify the orders inside the batch

When the batched orders reach the packer he will be able to see individual orders in each batch picked by pickers

# Security Check

The security checker will scan the order and is done on the orders in Dispatched status

He should scan all quantity to get a "pass". Otherwise it will be marked as "fail"

In case security scan more quantity for a particular SKU the system will mark this as fail and it will be logged

1



2



3



4



5



6



The security device will scan the physical items randomly. Log will be created for items available (pass) and not-available (fail)

The validate button on the app will get enabled only after 20% SKUs in an order is successfully scanned (pass)

In case of fail, the security should scan the order again and he should see an alert indicating that this order was scanned earlier by security A, B etc.

# INTELLIGENT

## CARTON SELECTION

During picking the packages from shelf, the system will suggest the suitable box to be used for placing the packages for delivery

System make suggestions based on the dimension of the packages and the dimension of the box to be used



A black and white photograph of a woman with long, wavy hair, seen from the side, looking down at a handheld device she is holding. The device has a screen displaying a list of items. In the background, there are shelves filled with boxes, suggesting a warehouse or retail environment. The lighting is soft, and the overall tone is professional and focused.

# APPLICATION

USER FUNCTIONALITIES

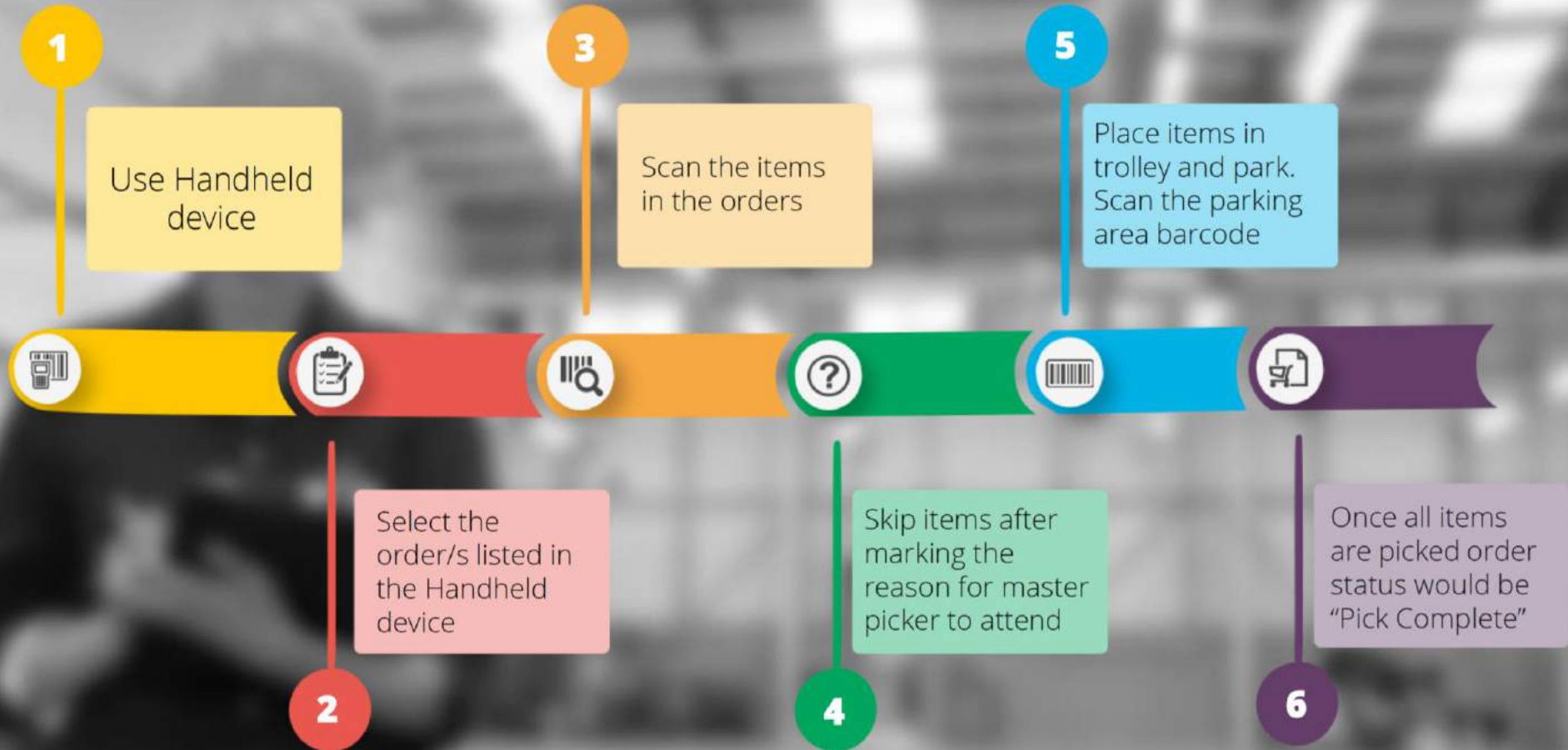
# Group Supervisors Functions



# Store Supervisors Functions

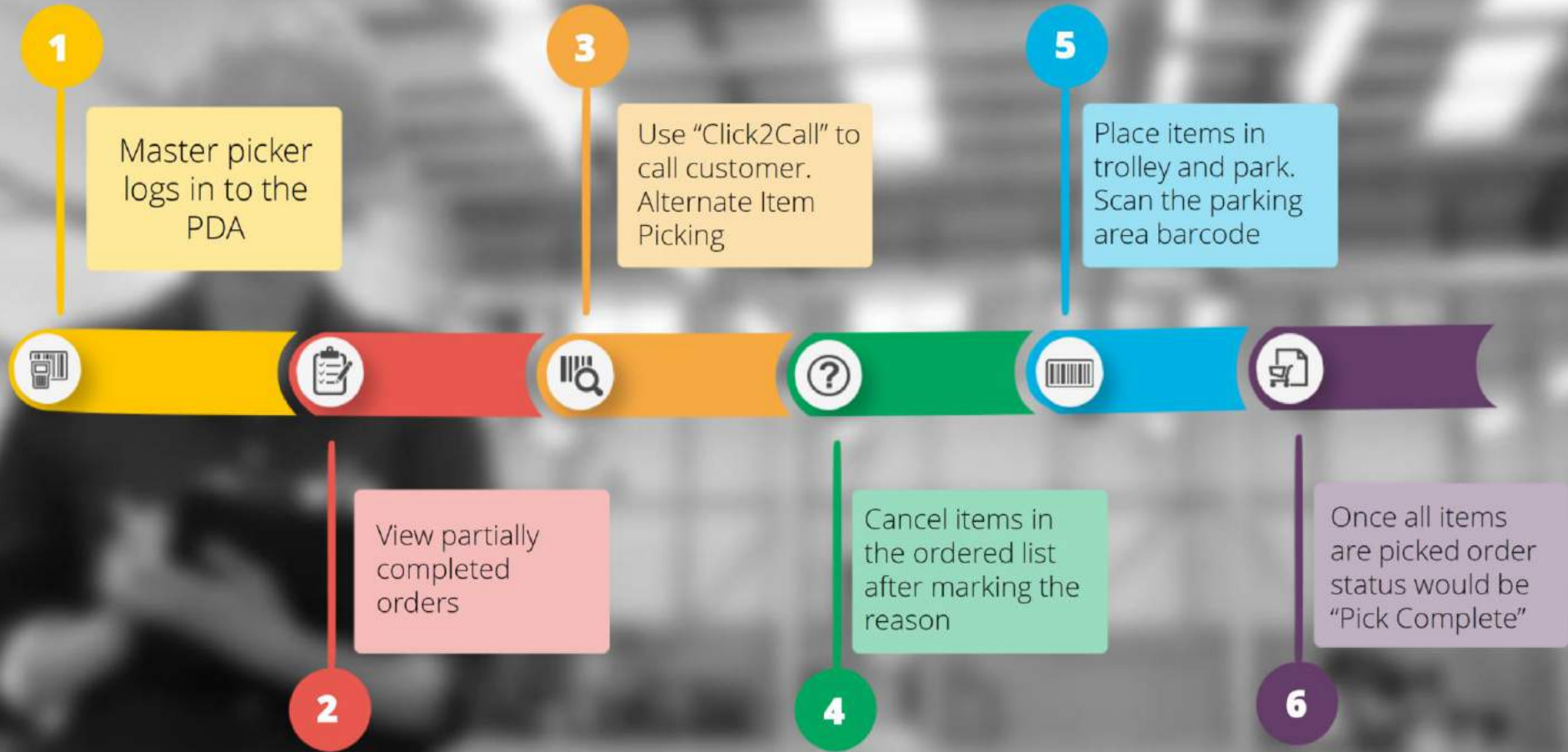


# Pickers Functions

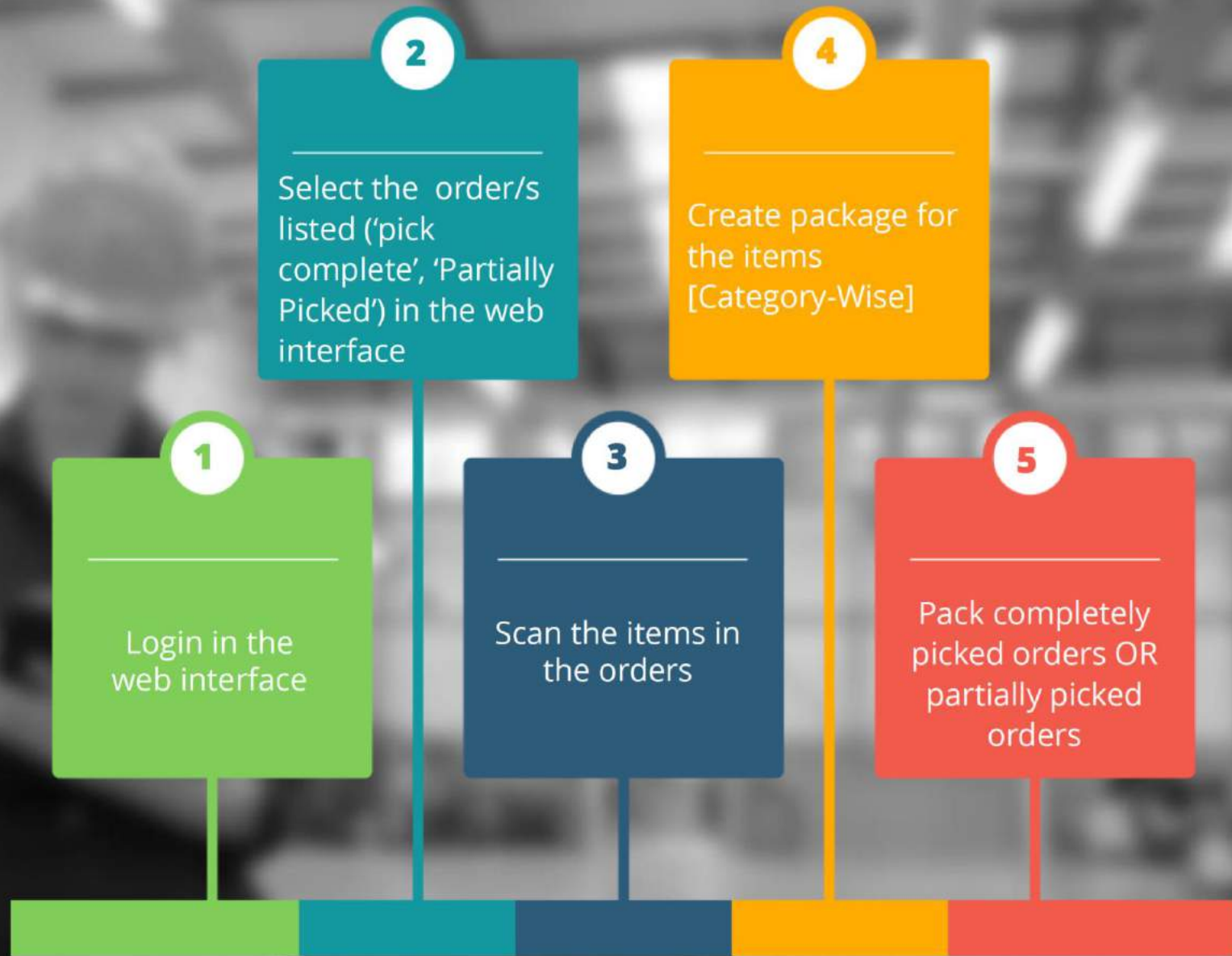




# Master Pickers Functions



# Packers Functions



# Shelf Stacker Functions



# Delivery Person Functions

Delivery person will be able see all the records which are in the "Ready to Dispatch" status using PDA

1



Delivery person pick the boxes/packages from the shelf by scanning the shelf-barcode of the corresponding shelf

2

Once all boxes/packages are picked from the shelf the status of the order become "Dispatched"

3

At customer location, the delivery person scan the packages/boxes. Once all the packages are scanned, the customer have option to Reject any item from the order

4

Delivery person accept signature and rating of the service from the customer and submit the order. The status of the order become Delivered

5



# APPLICATION SCREEN SHOTS



**Tvm Picker**

Order No : 026061933  
 Frozen Item : 4  
 Fresh Item : 1  
 Dry Item : 7  
 Total : 12

Order No : 026062008  
 Frozen Item : 6  
 Fresh Item : 6  
 Dry Item : 5  
 Total : 17

Order No : 026062017  
 Frozen Item : 6  
 Fresh Item : 5  
 Dry Item : 9  
 Total : 20

Order No : 026062026  
 Frozen Item : 5  
 Fresh Item : 5

**TVM Picker** 100% 1:05:9

Items List - 018072736

Name: Adrian Collins  
 Mob: 541-236-2275

<b>DASANI DROPS</b>	CLR
Category : Dry	
Quantity : 8/8	X
Location : U14352	
Item # : SKU11689	
Barcode # : 0654319753128	ALT
<b>Fanta</b>	
Category : Dry	
Quantity : 1/2	X
Location : M75660	
Item # : SKU16052	
Barcode # : 0980072600802	ALT
<b>Diet Coke/Coca-Cola</b>	
Category : Dry	
Quantity : 0/2	X
Location : W38347	
Item # : SKU11422	
Barcode # : 0870464676008	ALT
<b>Del Valle Brand</b>	
Category : Fresh	
Quantity : 2/6	X
Location : D73864	
Item # : SKU15674	
Barcode # : 0561872503908	ALT

0980072600802

BACK | BARCODE | CALL | FINISH

**delivery team**

4 Assigned Order

1 Already Picked

3 To be Picked

Pick Orders | Deliver Order

Print return list

9:53

delivery team 100%

Order No 001084453  
Customer Name ColtonHayes  
Contact No 2973515  
Delivery Time 01 Dec 2015 02:39 PM - 01 Dec 2015 03:09 PM

Scan Package

Package Barcode : FRO01084453001  
Box Barcode : FRO0108445300

Bay Location : FRO34  
Package Barcode : FRO01084453003  
Box Barcode : FRO010844530

Bay Location : DRO34  
Package Barcode : DRO01084453002

Enter barcode

BACK CLEAR BARCODE CONFIRM

9:56

delivery team

OrderNo:  
001084453

Customer Name:  
ColtonHayes

Customer Number:  
2973515

Delivery Time:  
01 Dec 2015 02:39 PM - 01 Dec 2015 03:09 PM

Delivery Location:  
Sharjah

Delivery Address:  
SilaEmirateOman


No Of Dry Items:

BACK DETAIL CALL DELIVER


10:03

delivery team

Before signing please make sure that you received the order in good condition.



Signature

How you rate our service? 

BACK CLEAR CONFIRM

# APPLICATION

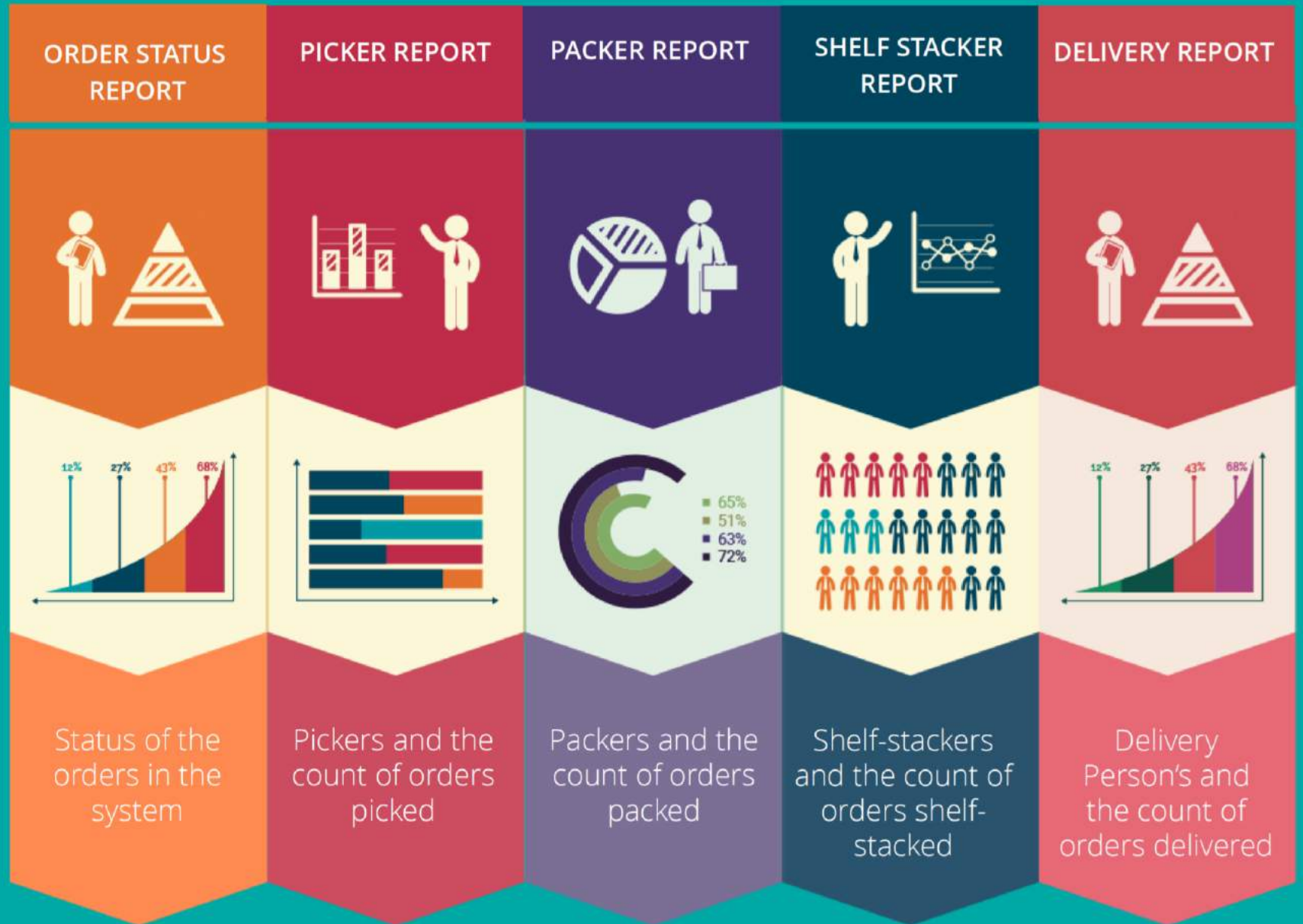
REPORTING FEATURES





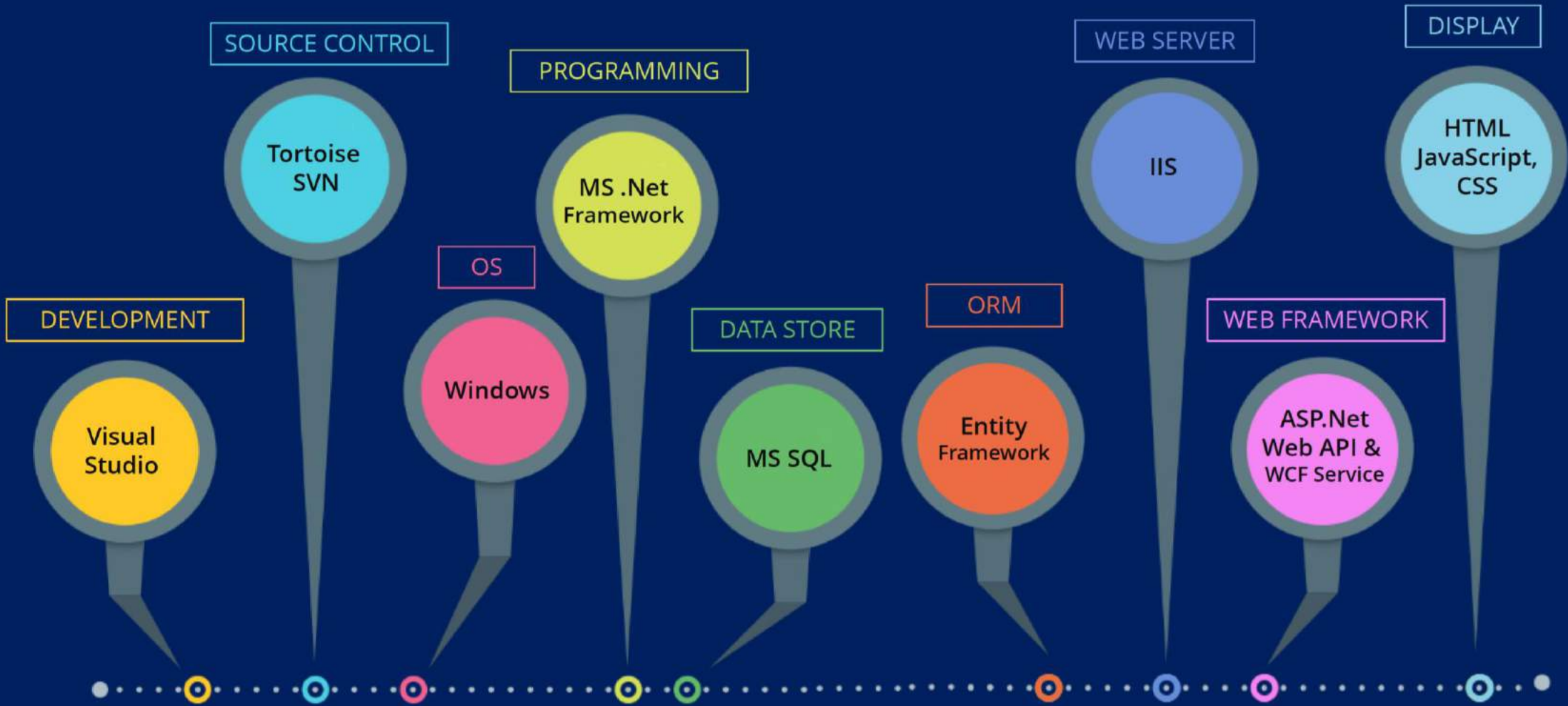
POS file: Automated reports are created and placed in the Pick Pack server based on the packed and delivered transactions of the day.

The report contain details about the order, products packed, products rejected by customer.



# APPLICATION TECHNOLOGIES





A photograph of two men in business suits shaking hands in a modern office with large windows. The man on the left is wearing a grey suit, and the man on the right is wearing a dark blue suit. A large yellow geometric graphic is overlaid on the right side of the image. A dark blue banner is at the bottom, containing contact information and a 'Thank you' message.

**SolGenie HQ Office**

4725 Peachtree Industrial Blvd,  
Suite 200, Norcross, GA – 30092.

**Phone.** (470) 381-2300

**Email.** [info@solgenie.com](mailto:info@solgenie.com)  
[www.solgenie.com](http://www.solgenie.com)

**Thank you**