

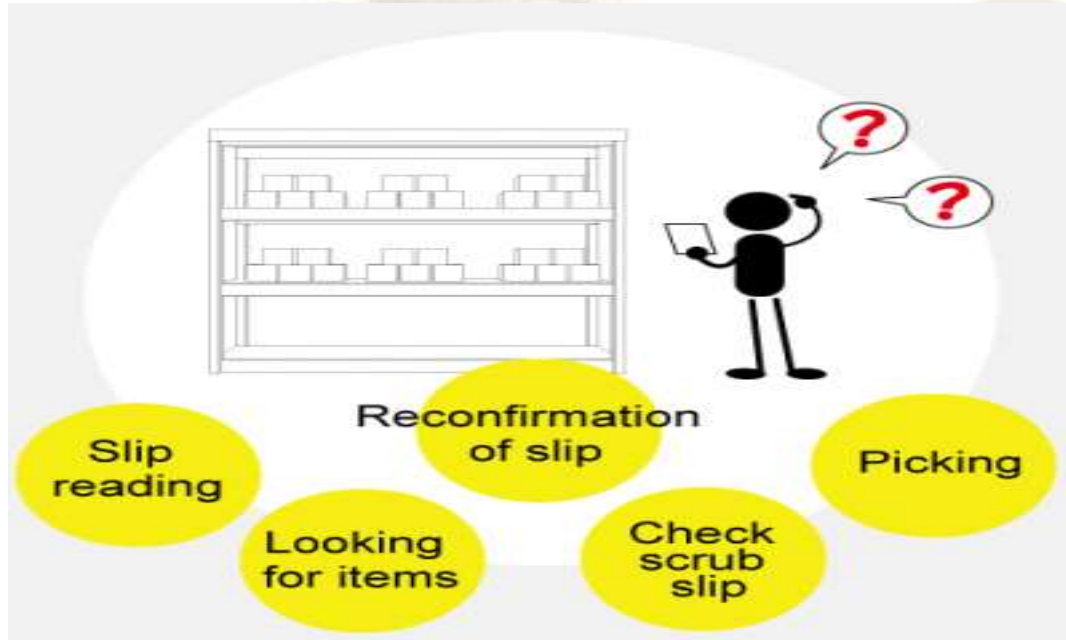
ARMTRONIX TECHNOLOGIES LLP.

Hubballi, India.

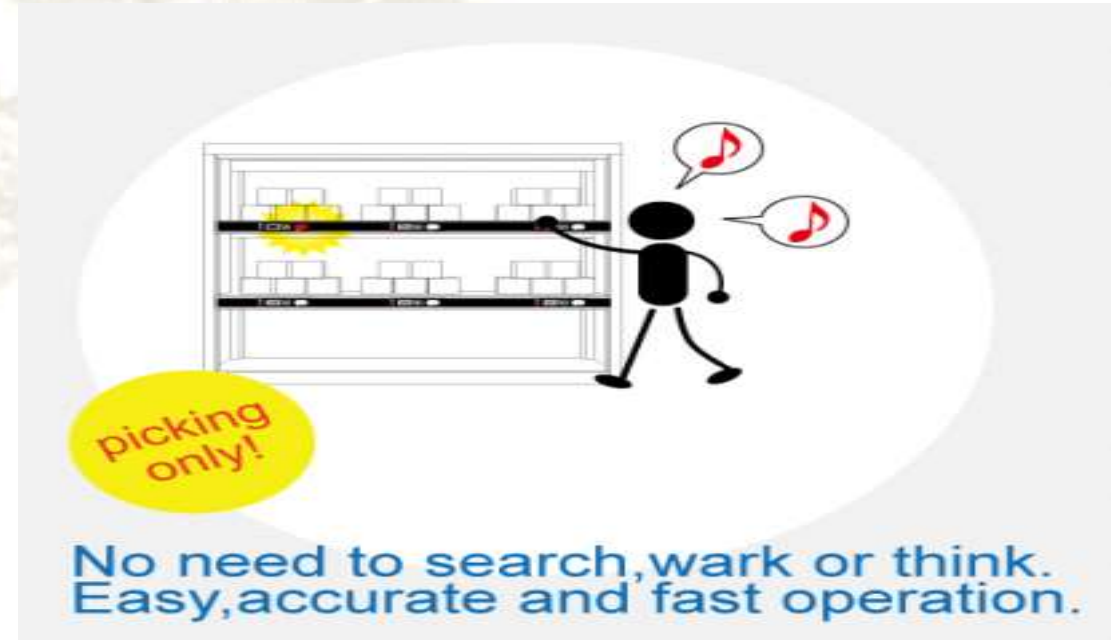
Wifi Pick To Light System

What is PTL System?? & Why is it needed?:

Before Pick to Light



After Pick to Light



Benefits

- ✓ De-skilling of picking
- ✓ No confusion, only accuracy
- ✓ Availability for n number of different products based on database /excel sheet
- ✓ Can be linked to ERP systems

Example:

List of Chocolates
Kit Kat
Galaxy
Cadbury Silk
Milky bar
Munch
5 Star
Snickers
Perk
Parle
Melody
Hide & Seek
Dairy Milk

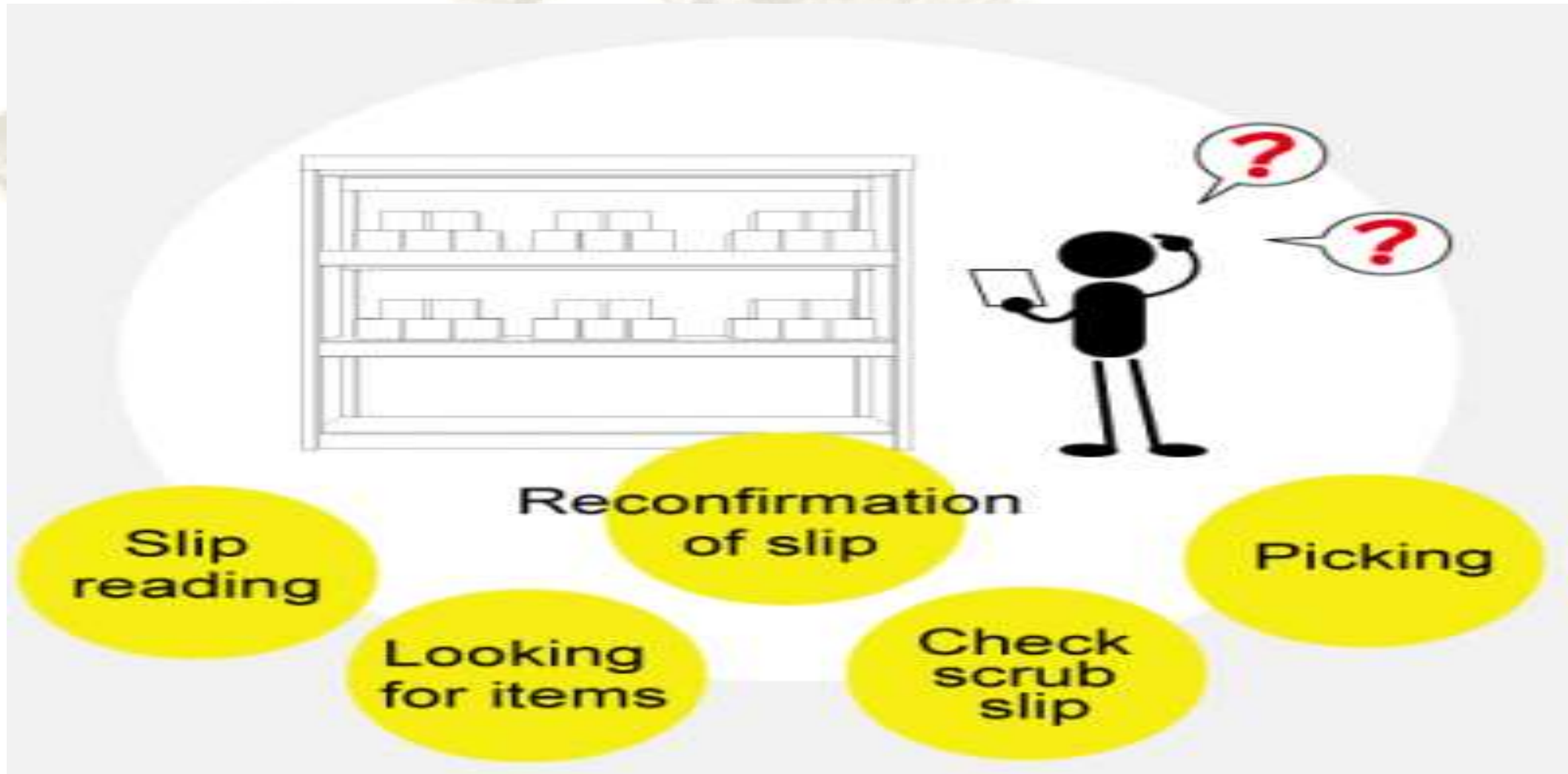
Order_Number_01	
Chocolate Name	Quantity
Kit Kat	Q-02
Galaxy	Q-01
Cadbury Silk	Q-01
Milky bar	Q-01
Munch	Q-01
5 Star	Q-02

Order_Number_02	
Chocolate Name	Quantity
Kit Kat	Q-00
Galaxy	Q-01
Cadbury Silk	Q-01
Milky bar	Q-00
Munch	Q-01
5 Star	Q-02

Order_Number_03	
Chocolate Name	Quantity
Kit Kat	Q-02
Galaxy	Q-01
Cadbury Silk	Q-01
Milky bar	Q-01
Munch	Q-01
5 Star	Q-01

Order_Number_04	
Chocolate Name	Quantity
Kit Kat	Q-02
Galaxy	Q-01
Cadbury Silk	Q-00
Milky bar	Q-00
Munch	Q-00
5 Star	Q-01

Conventional Method:



Wifi PTL System

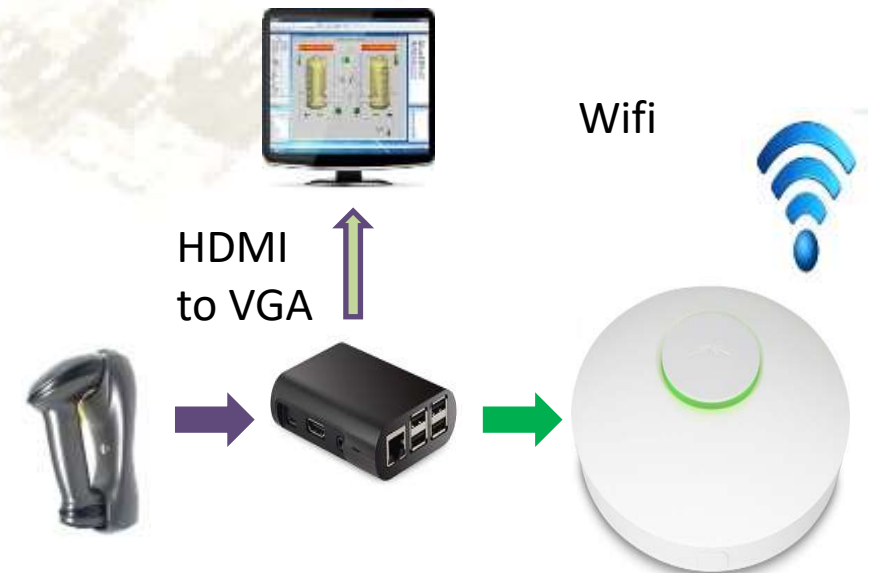
Armtronix Client Box :

- It is Wifi Based
- It has a 16X2 Char display
- Has two inputs and two outputs
- Can connect two DC indication LED /bulb
- Can connect two inputs like push button , IR sensor etc.



Armtronix Server :

- It has our software which controls the client box
- Has a router and WIFI A.P. attached to it.
- Has Excel sheets which reflects Order No. or Pick sequence stored in it
- Can be attached to an ERP solution
- Barcode scanner is attached to this



Client Box and its Indication



**Do not pick as
quantity is
zero and LED
is OFF (Q-00)**



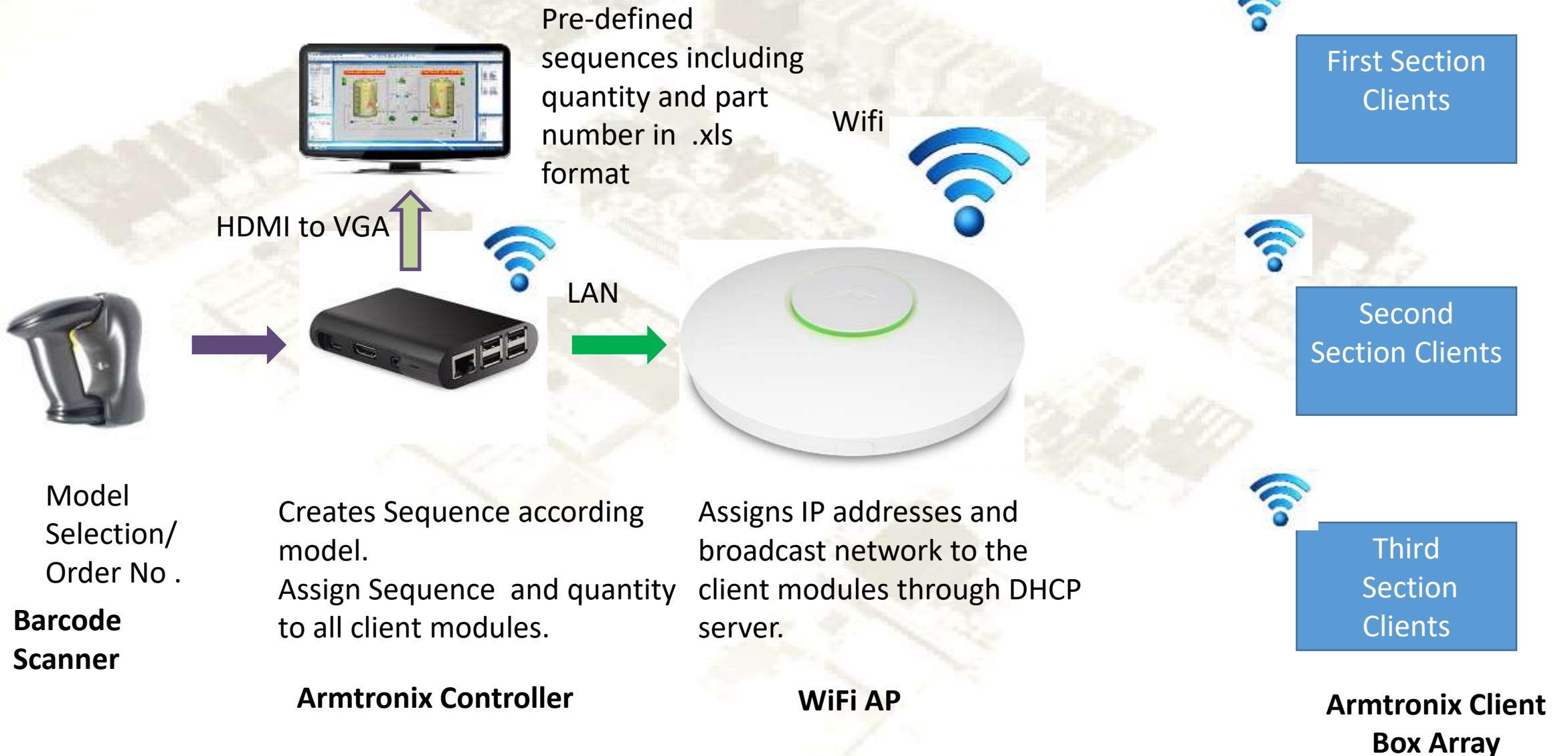
**Pick quantity as
mentioned on
the display(Q-
02), LED is
blinking**

Copyright ARMtronix Technologies



**This Item has
already been
picked as LED is
always ON**

PTL System & Process Flow



Sequence format / order slip

Order_Number_01.xlsx - LibreOffice Calc

Arial 10 B I U

G3 f_x Σ =

	A	B	C	D	E
1	Si.No.	Client No.	Quantity	Status	Chocolate Name
2	1	001	Q-02	00	Kit Kat
3	2	002	Q-01	00	Galaxy
4	3	003	Q-01	00	Cadbury
5	4	004	Q-01	00	Milkybar
6	5	005	Q-01	00	Marich
7	6	006	Q-02	00	5 star
8	7	007	Q-01	00	Snickers
9	8	008	Q-00	00	Perk
10	9	009	Q-01	00	Parle
11	10	010	Q-01	00	Melody
12	11	011	Q-02	00	Hide & Seek
13	12	012	Q-01	00	Dairy Milk
14					
15					
16					
17					
18					
19					
20					

Quantity that will get displayed on the Client box

Client box number assigned while configuring

Picking sequence

If quantity is Q-00 then light wont blink

Integration

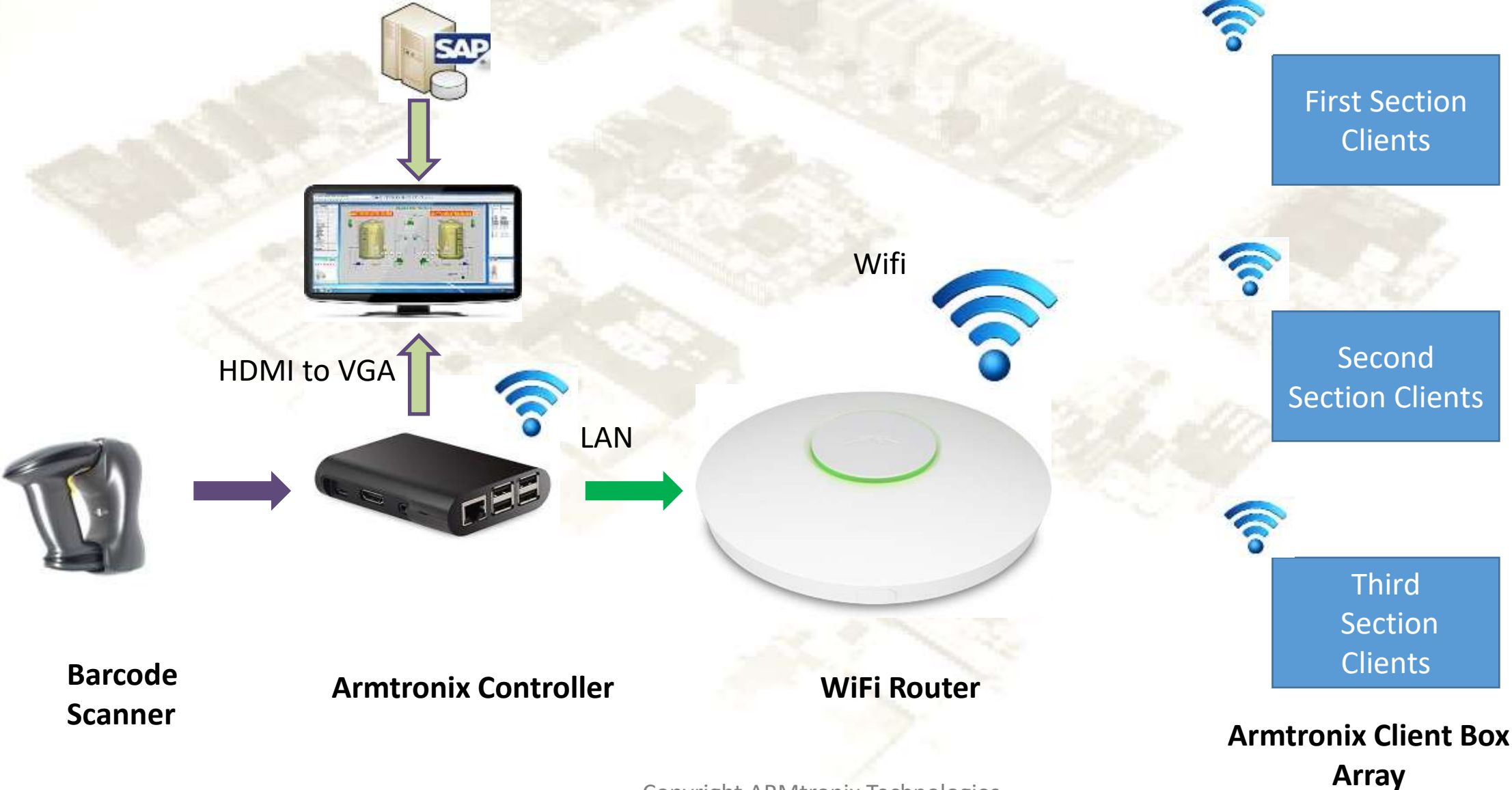


Image of setup



[Link To Video](#)

PTL System Advantages

- Flexible
- Semi-Automation
- Reduced wiring
- Easy to replace
- Expansion is economical
- Display of quantity and part number
- Easy to interface with SCADA or SAP



Applications

- Automotive Industry
- Pharmaceutical Industry
- EMS industry
- E-Commerce Industry
- Post /Cargo/Courier industry

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The background of the slide is a collection of various electronic circuit boards, including microcontrollers, development boards, and modules, arranged in a circular pattern and rendered in a faded, light brown color.

Thank You