











### GET RAIN ON YOUR PARADE

John Greaves

RAIN supports better enterprise conditions







F = Frequency







T = Technology







D = Data







S = Standards







E = Environment







A = Application







Fear

Uncertainty

Process

- Of the unknown. Get to know it. Costs nothing.
- Of outcome. Map it, consider it. Check it.
- And Procedure are the last hiding places of a person without the wit and wisdom to do their job properly.

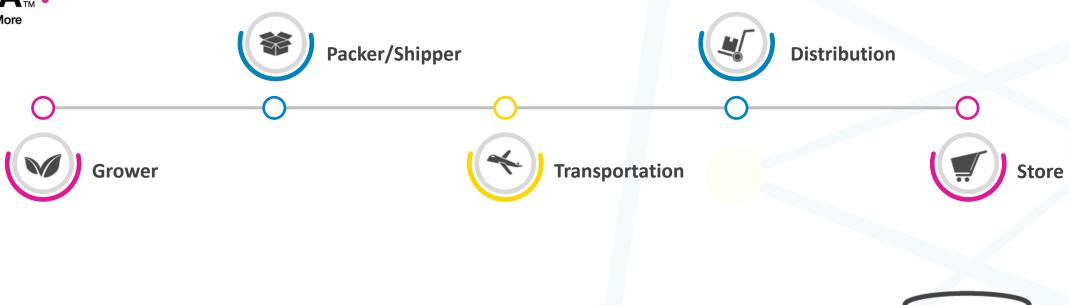
### 2020 Vision

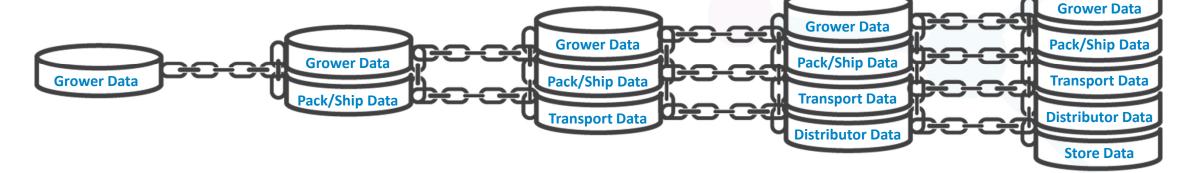




### **Produce Value Chain**











### **RAIN RFID Stack**



Act

Solution
Analyze

Sense

**APPLICATION LAYER** 

**AIDC LAYER** 

**RAIN LAYER** 





### RAIN RFID IS ONLY FOR RFID



#### **True in 2010**

Then reality, Fulfillment, sets in and you find yourself stranded.

The most challenging element of Fulfillment, of meeting expectations, is the pace of implementation, the speed and clarity of consideration

Industry bodies, standards bodies, regulators, governments and GS1, corporations, SME .....NOW

- Fulfillment is a physical event.
- Fulfillment and the RAIN RFID Era are mutual. They need each other and you, the user, need them both.
- You must decide, now, with legitimate guidance, RAIN or No rain, Pain or NO PAIN.
- Got an AFI?





### 3 STEPS TO RAIN PROOFING



### **USE CASE**



- Not everything needs RAIN
- Not every issue is a Technology issue
- Not deferable, what happens when you do not fix the roof?

#### **BoM**



- Why? Don't forget the sausage. One singer, one song is gone.
- Spares?
- Support?

#### **DEPLOYMENT**



- Plan by department (Gene Model)
- Benchmark.
- Skill Set upgrade





### **OBJECTIVES of RAIN PROOFING**



- Playing catch up— or getting ahead. Fulfillment is the word.
- Goal is a stronger, more efficient, & sustainable Value Chain
- RAIN RFID + GS1 standards = Scalable Traceability with RAIN
- Traceability 

  Transparency 

  Accountability 

  Responsibility





### **RAIN REALITY CHECK**



- Value Chain data transparency
  - Extending captured and timely data.
  - AIDC granularity and governance.
  - You cannot change the reality.
- Stop asking the wrong questions.
  - Cost should be measured not added.
  - Performance is relative, do you really need a Hemi.
  - Training and change recognition.



• When I started...

in RFID







## RFID RAIN















- RFID
- EPC
- SC31
- AIM
- RAIN

A genealogy of Technology





## Types of APIs









#### Triggers

Events from devices & infrastructure



or



#### Searches

Historical, real-time & 3<sup>rd</sup> party data with AI & ML



Historical Search



Battery

#### **Actions**

Do something with devices, solutions, users, or ecosystem



Buy



Print



### **APIs as Products**



#### **X** Triggers























Scan

Print

Read

Diagnostics

Location

Task

**Actions** 

Buy

Support

#### **Searches**



**Analytics** 



Handhelds



**Tablets** 



**Printers** 



Scanners



Readers



**Batteries** 



Scans



**Prints** 



Reads



**Partners** 



Catalog



Supplies



Accessories



Tools



Users



**Assets** 



Items



**Pallets** 



**Packages** 





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