

FORUM DISKUSI

“SINERGI PEMANFAATAN PDR DALAM RANGKA Mendukung  
Ketersediaan dan Stabilisasi Harga Bahan Pokok”

KEMENTERIAN PERDAGANGAN | JAKARTA, 17 JUNI 2019

**SUPPLYCHAIN**  
**INDONESIA** *untuk logistik Indonesia lebih baik*

# SISTEM INFORMASI *REAL TIME*

**Setijadi**

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Menyelesaikan Program Sarjana dan Program Magister di  
Jurusan Teknik Industri - Institut Teknologi Bandung

SUPPLYCHAIN  
INDONESIA

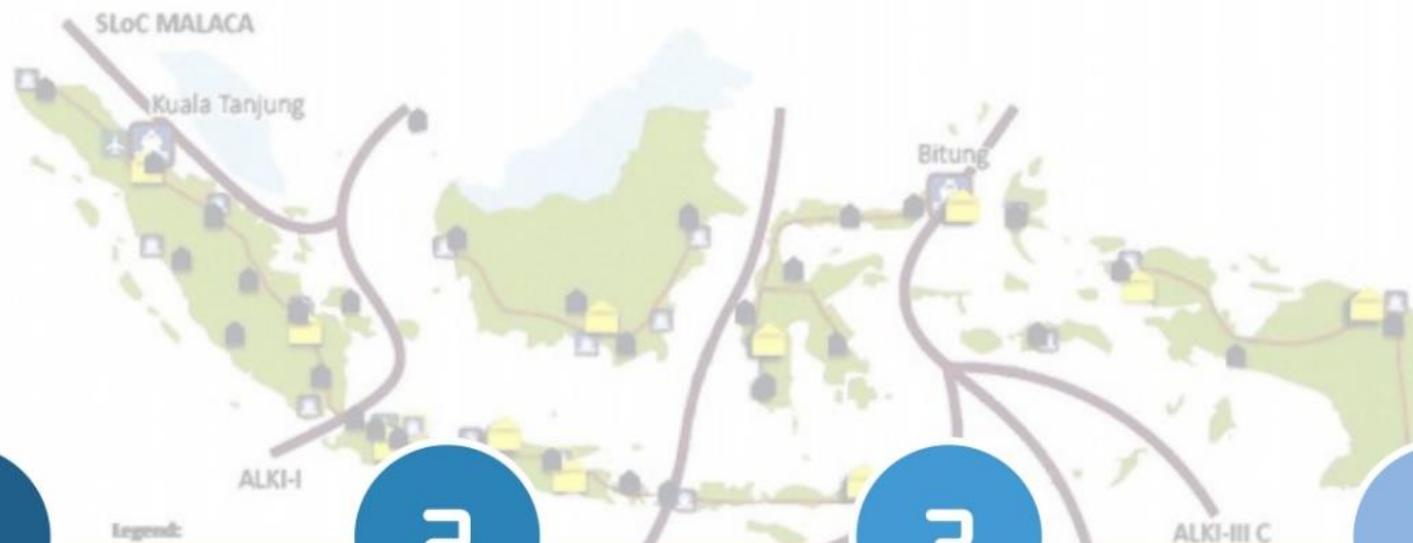
Chairman  
Supply Chain  
Indonesia (SCI)

- Wakil Ketua Umum  
Gabungan Importir Nasional  
Seluruh Indonesia (GINSI)
- Kompartemen Penelitian  
DPD Asosiasi Logistik dan Forwarder  
Indonesia (ALFI) Jawa Barat
- Anggota Dewan Pakar  
Badan Penelitian dan Pengembangan,  
Kementerian Perhubungan



Konsultan dan peneliti bidang logistik & *supply chain* di:

- Perusahaan swasta nasional, BUMN, dan multi-nasional
- Kementerian Perencanaan Pembangunan Nasional/Badan Perencanaan Pembangunan Nasional, Kementerian Perdagangan, Kementerian Energi dan Sumber Daya Mineral, dan Kementerian Kelautan dan Perikanan



1

**LOGISTIK &  
SUPPLY CHAIN  
MANAGEMENT  
(SCM)**

2

**PUSAT DISTRIBUSI  
REGIONAL**

3

**SISTEM INFORMASI  
DALAM  
LOGISTIK & SCM**

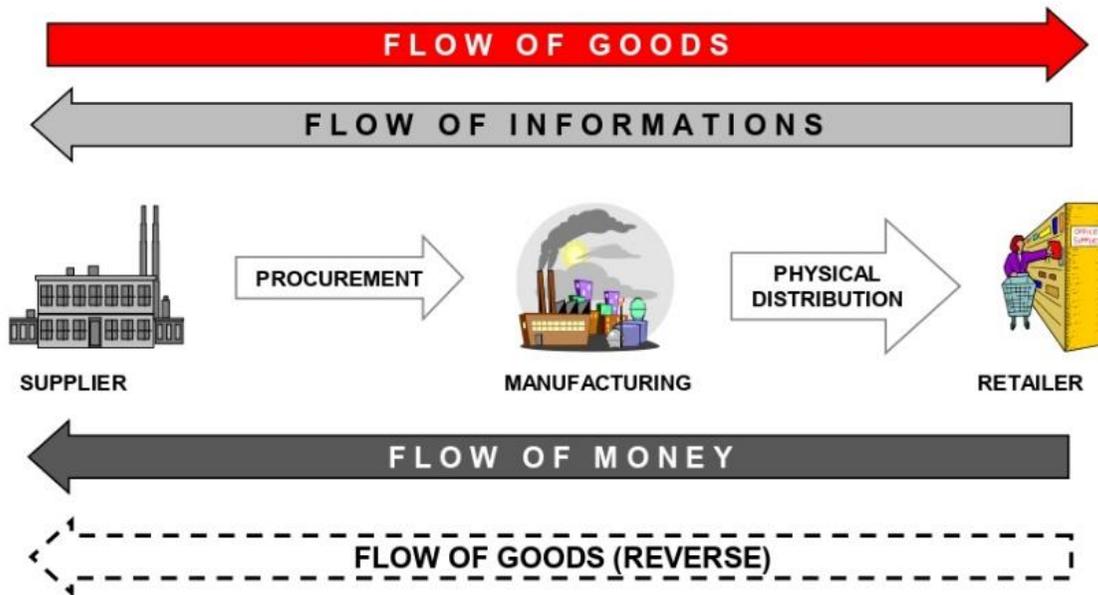
4

**CONTOH APLIKASI  
SISTEM INFORMASI  
REAL TIME**



LOGISTIK &

SUPPLY CHAIN  
MANAGEMENT (SCM)

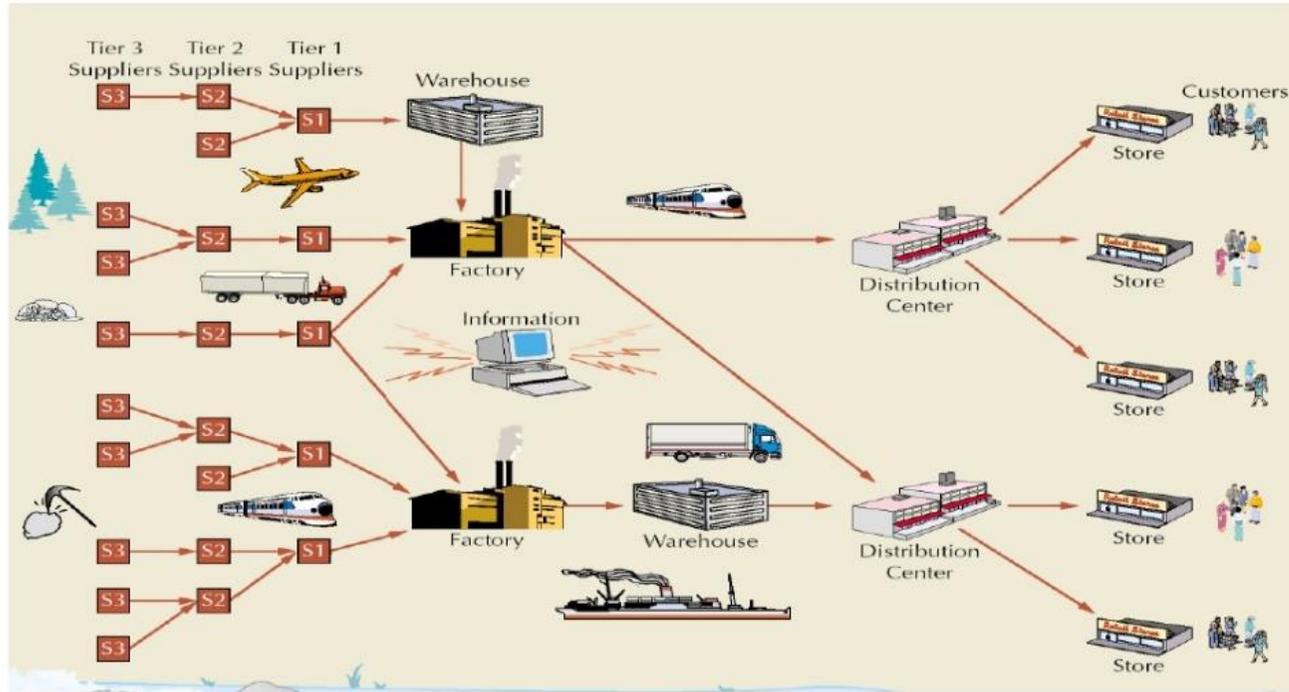


**Logistics management** is that part of the supply chain process that plans, implements, and controls the efficient, effective

**flow and storage** of **goods, services, and related information** from the *point-of-origin* to the *point-of-consumption* in order to meet **customers' requirements**.

(Council of Logistics Management (CLM), 1986).





Source: Russell &amp; Taylor (2006)

SCM: integrasi proses-proses bisnis dari pengguna akhir sampai pemasok awal untuk menyediakan produk, jasa, dan informasi yang memberikan nilai tambah bagi para pelanggan dan pihak-pihak terkait lainnya (The Global Supply Chain Forum dalam Croxton et al., 2001)

SUPPLY CHAIN

PEMASOK

MANUFAKTUR

DISTRIBUTOR

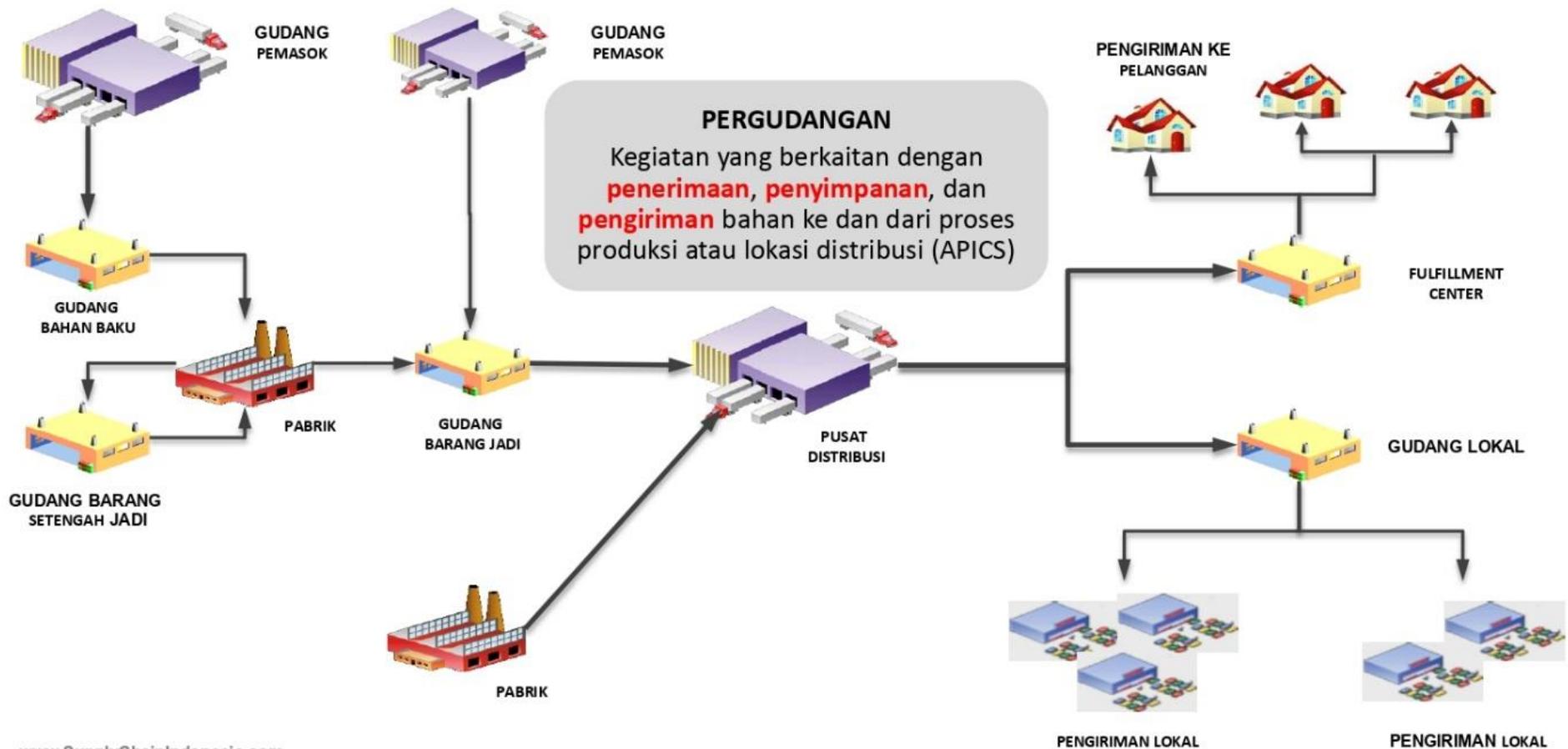
PENGE CER

PELANGGAN

SUPPLY CHAIN  
MANAGEMENT

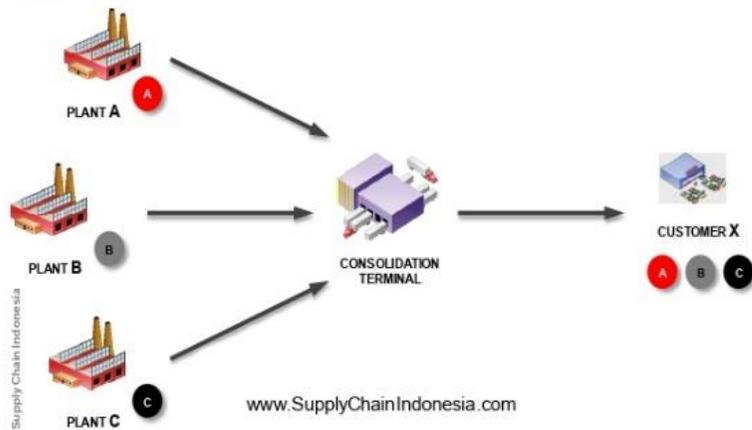
PASOKAN

PERMINTAAN



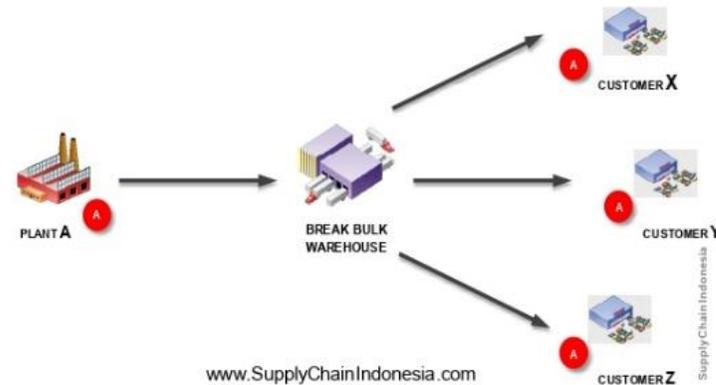
1

## CONSOLIDATION TERMINAL



3

## BREAK-BULK OPERATION



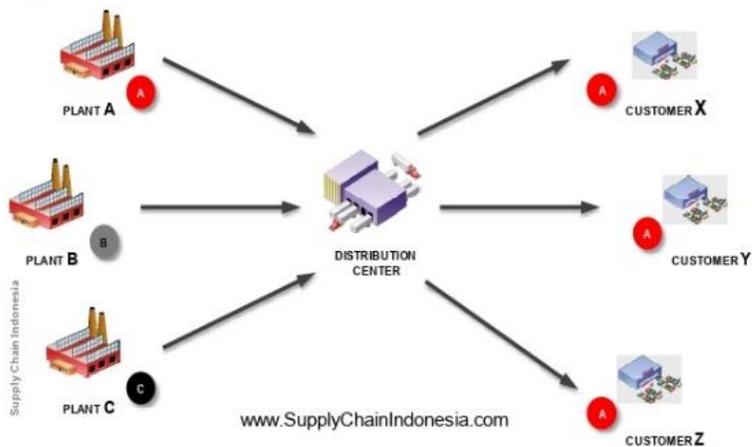
5

## CROSS-DOCK OPERATION



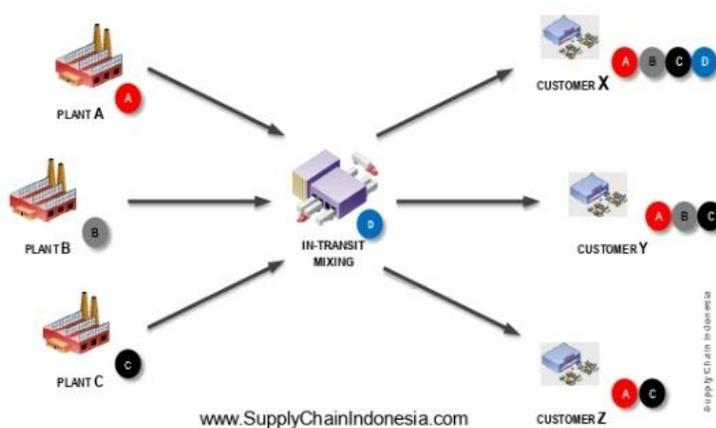
2

## DISTRIBUTION CENTER



4

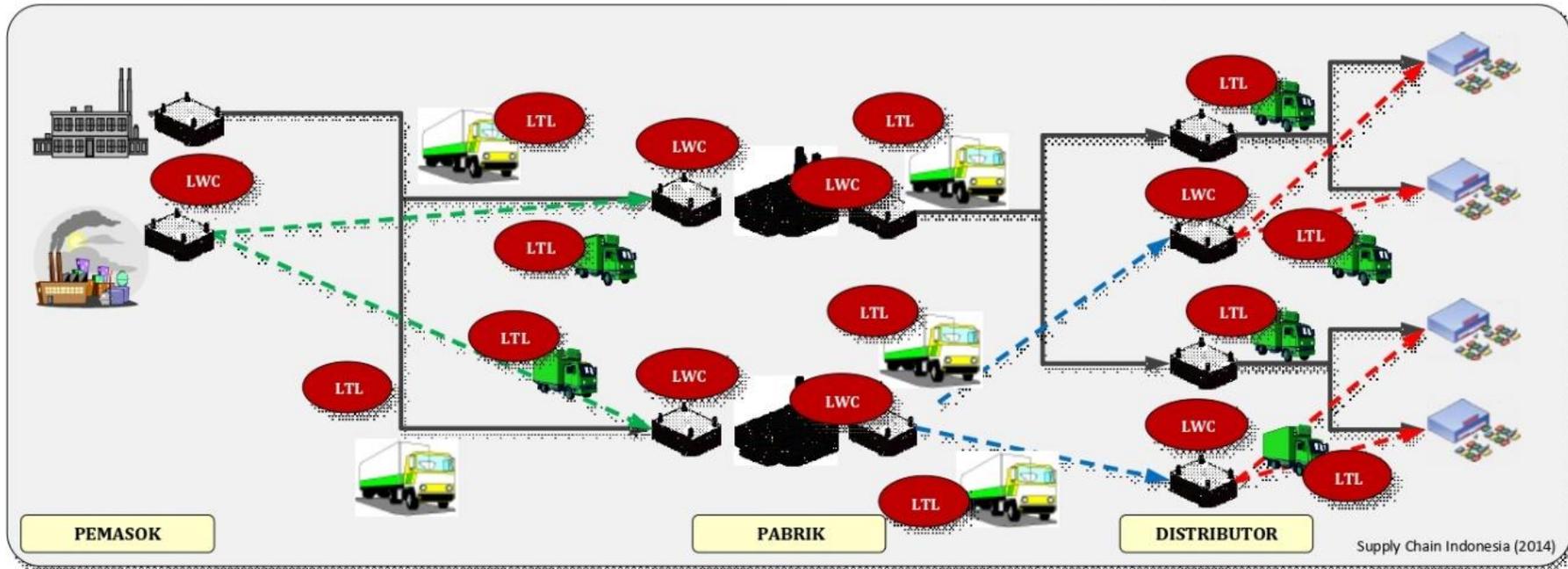
## IN-TRANSIT MIXING



# SISTEM LOGISTIK

## ILUSTRASI SISTEM LOGISTIK

### TANPA MENGGUNAKAN *SHARED FACILITIES & SERVICES* (SFS)



## PERGUDANGAN

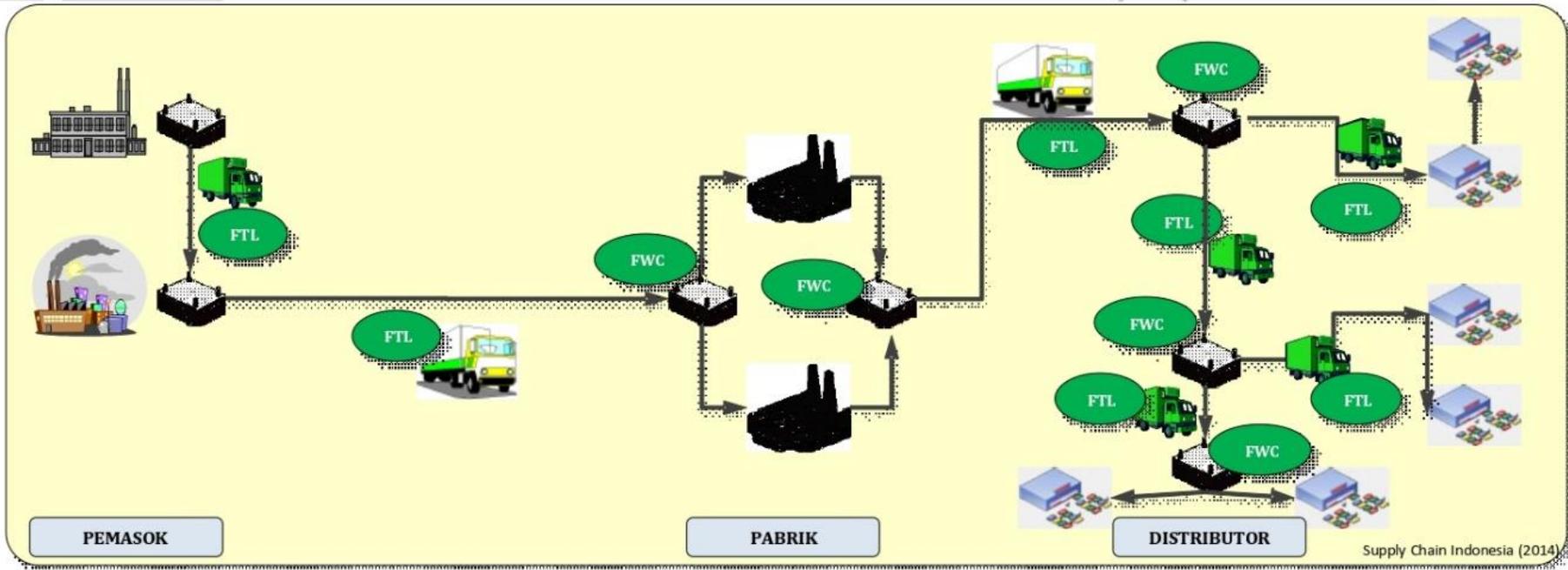
- Setiap Pemasok, Pabrik, dan Distributor mempunyai /mengelola gudangnya masing masing.
- Biaya investasi dan biaya operasional gudang ditanggung oleh masingmasing perusahaan.
- Risiko kelebihan dan kekurangan kapasitas gudang ditanggung masingmasing perusahaan.

## TRANSPORTASI

- Setiap Pemasok, Pabrik, dan Distributor mempunyai /mengelola aktivitas transportasinya masing-masing.
- Biaya investasi dan biaya operasional transportasi ditanggung oleh masingmasing perusahaan.
- Risiko kelebihan dan kekurangan kapasitas transportasi ditanggung masingmasing perusahaan.

# SISTEM LOGISTIK

## ILUSTRASI SISTEM LOGISTIK DENGAN MENGGUNAKAN *SHARED FACILITIES & SERVICES (SFS)*



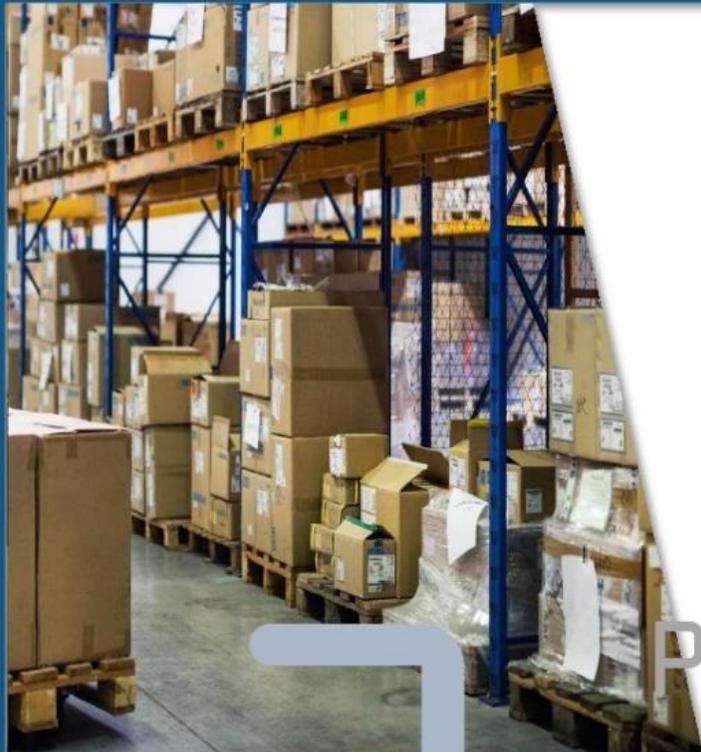
Supply Chain Indonesia (2014)

### PERGUDANGAN

- Perusahaan-perusahaan menggunakan gudang yang dapat digunakan bersama.
- Perusahaan-perusahaan menanggung biaya investasi dan biaya operasional gudang atau membayar sewa gudang sesuai penggunaan.
- Risiko kelebihan dan kekurangan kapasitas gudang ditanggung bersama.

### TRANSPORTASI

- Perusahaan-perusahaan menggunakan fasilitas transportasi bersama yang dikelola oleh suatu perusahaan transportasi.
- Perusahaan-perusahaan membayar biaya transportasi sesuai penggunaan.
- Risiko kelebihan dan kekurangan kapasitas transportasi dikelola oleh perusahaan transportasi.



PUSAT DISTRIBUSI

REGIONAL

- Untuk memperlancar logistik komoditas pokok dan strategis akan dibangun **Pusat Distribusi Regional** yang berfungsi sebagai cadangan penyangga nasional dan **Pusat Distribusi Propinsi** pada setiap Propinsi yang dapat digunakan sebagai penyangga pada setiap propinsi
- Pusat Distribusi Propinsi akan menjadi penyangga bagi jaringan Distribusi Kabupaten/Kota. Untuk efisiensi, Pusat Distribusi Regional akan ditempatkan dan dikelola oleh Pusat Distribusi Propinsi yang ditugaskan sebagai Pusat Distribusi Regional.
- Kriteria penempatan Pusat Distribusi Regional adalah jumlah penduduk, aksesibilitas, daerah konsumen (bukan penghasil dan bukan daerah produsen), dapat berfungsi sebagai kolektor (pusat konsolidasi) dan distributor, berada pada wilayah dekat Pelabuhan Utama, dan berpotensi untuk dikembangkan menjadi pusat perdagangan antar pulau.

(Sislognas)



**Pusat Distribusi Regional** adalah pusat distribusi yang berfungsi sebagai penyangga komoditas utama di beberapa kabupaten/kota yang memiliki jumlah penduduk, aksesibilitas, daerah konsumen, yang dapat bersifat kolektor, dan berpotensi untuk dikembangkan menjadi pusat perdagangan antar pulau (Peraturan Menteri Perdagangan No. 48/M-DAG/PER/8/2013)

**PUSAT  
DISTRIBUSI**

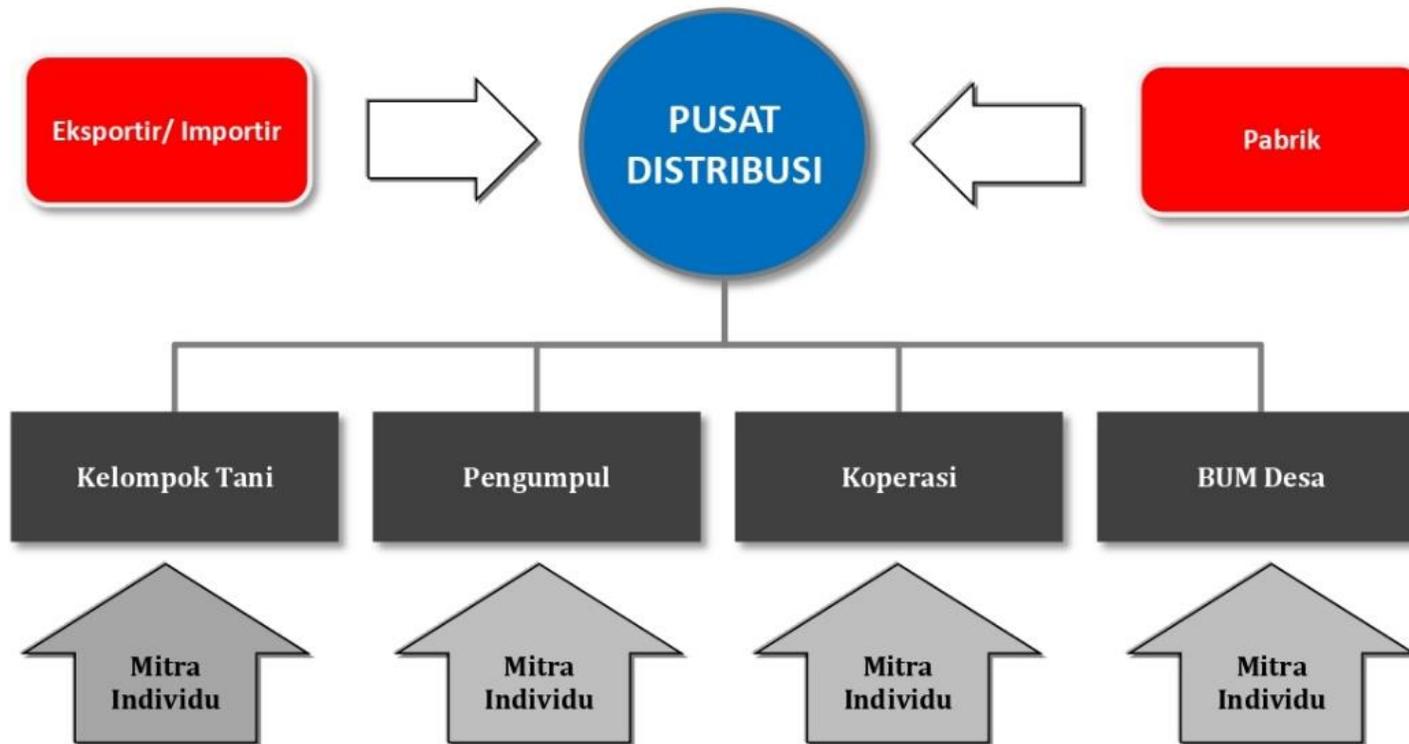
Tempat yang berfungsi sebagai penyangga komoditas utama untuk menunjang kelancaran arus barang baik antar kabupaten/kota maupun antar provinsi untuk tujuan pasar dalam negeri dan/atau pasar luar negeri.

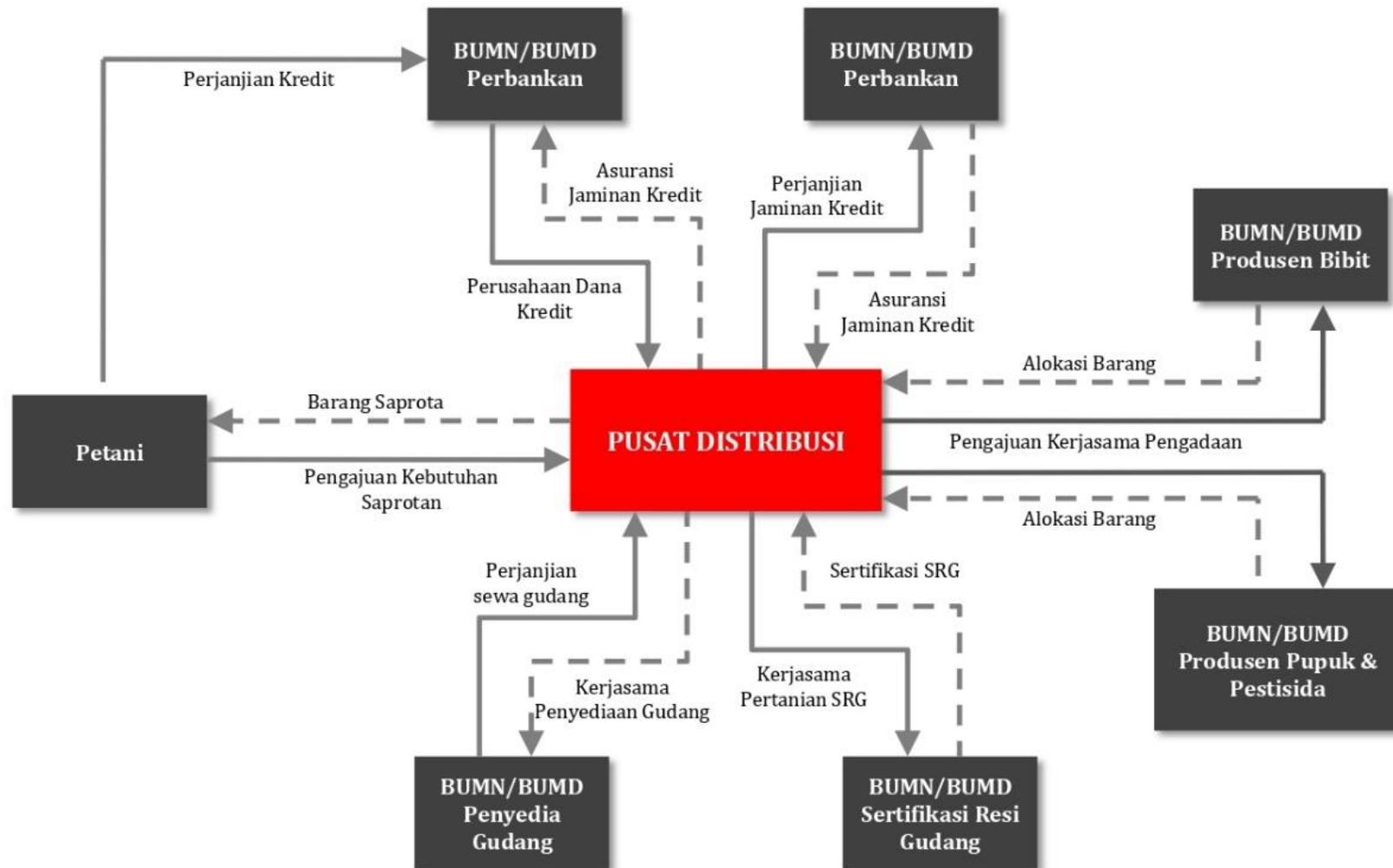
**PUSAT  
DISTRIBUSI  
PROVINSI**

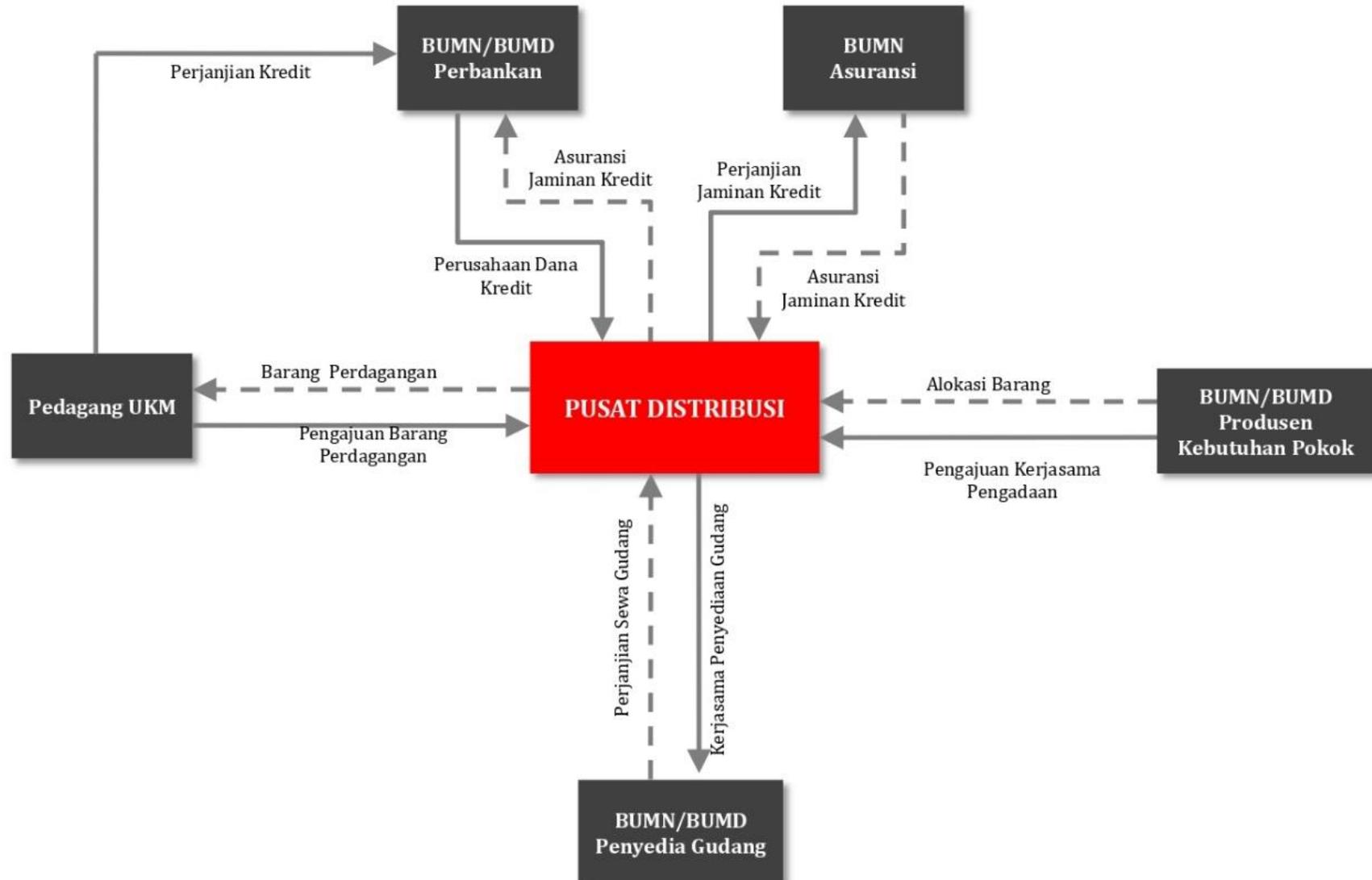
Pusat distribusi yang berfungsi sebagai penyangga komoditas utama di beberapa kabupaten/kota yang memiliki jumlah penduduk, aksesibilitas, daerah konsumen, yang dapat bersifat kolektor, distributor, dan berpotensi untuk dikembangkan menjadi pusat perdagangan antar pulau.

**PUSAT  
DISTRIBUSI  
REGIONAL**

Pusat distribusi yang berfungsi sebagai penyangga komoditas utama di beberapa kabupaten/kota yang memiliki jumlah penduduk, aksesibilitas, daerah konsumen, yang dapat bersifat kolektor, dan berpotensi untuk dikembangkan menjadi pusat perdagangan antar pulau









3

# SISTEM INFORMASI DALAM LOGISTIK & SCM

- Information is the driver that serves as the “glue” to create a coordinated supply chain
- Information must have the following characteristics to be useful:
  - Accurate
  - Accessible in a timely manner
  - Information must be of the right kind
- Information provides the basis for supply chain management decisions
  - Inventory
  - Transportation
  - Facility

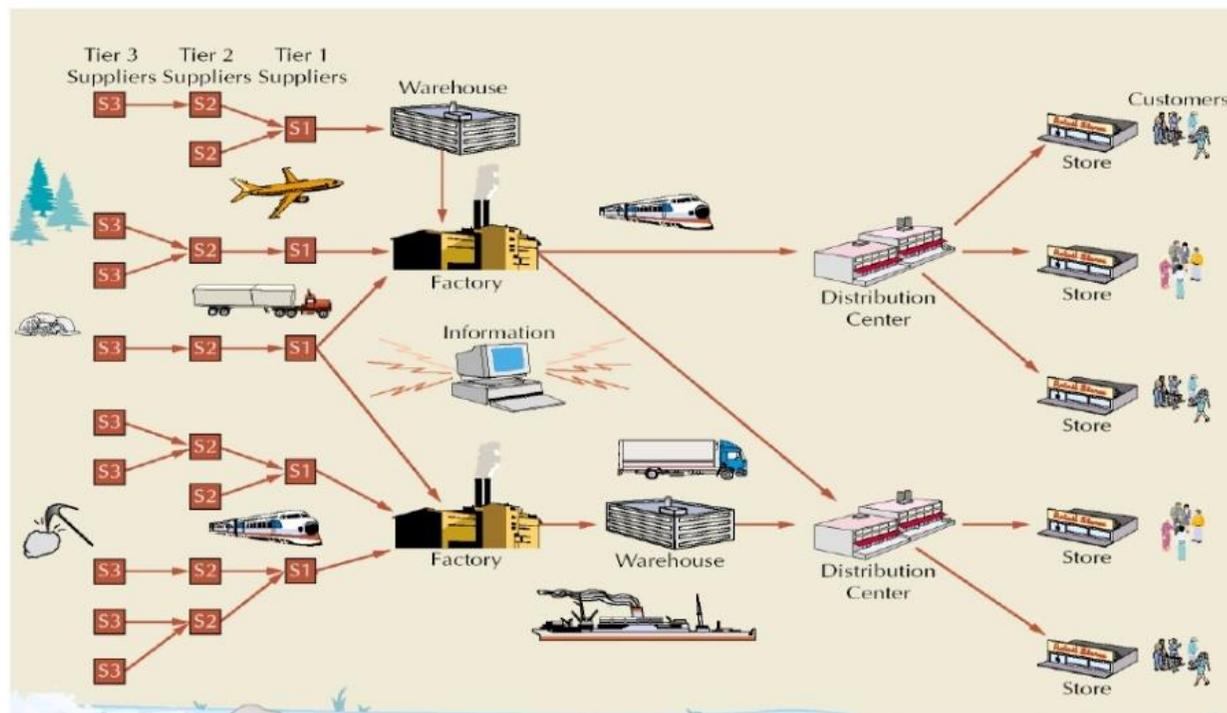
## Characteristics of Useful Supply Chain Information

- Accurate
- Accessible in a timely manner
- The right kind
- Provides supply chain visibility

- Information used at all phases of decision making: strategic, planning, operational
- Examples:
  - Strategic: location decisions
  - Operational: what products will be produced during today's production run
- Inventory: demand patterns, carrying costs, stockout costs, ordering costs
- Transportation: costs, customer locations, shipment sizes
- Facility: location, capacity, schedules of a facility; need information about trade-offs between flexibility and efficiency, demand, exchange rates, taxes, etc.

## Role of Information Technology in a Supply Chain

- Information technology (IT)
  - Hardware and software used throughout the supply chain to gather and analyze information
  - Captures and delivers information needed to make good decisions
- Effective use of IT in the supply chain can have a significant impact on supply chain performance



Sumber: Russell & Taylor (2006)



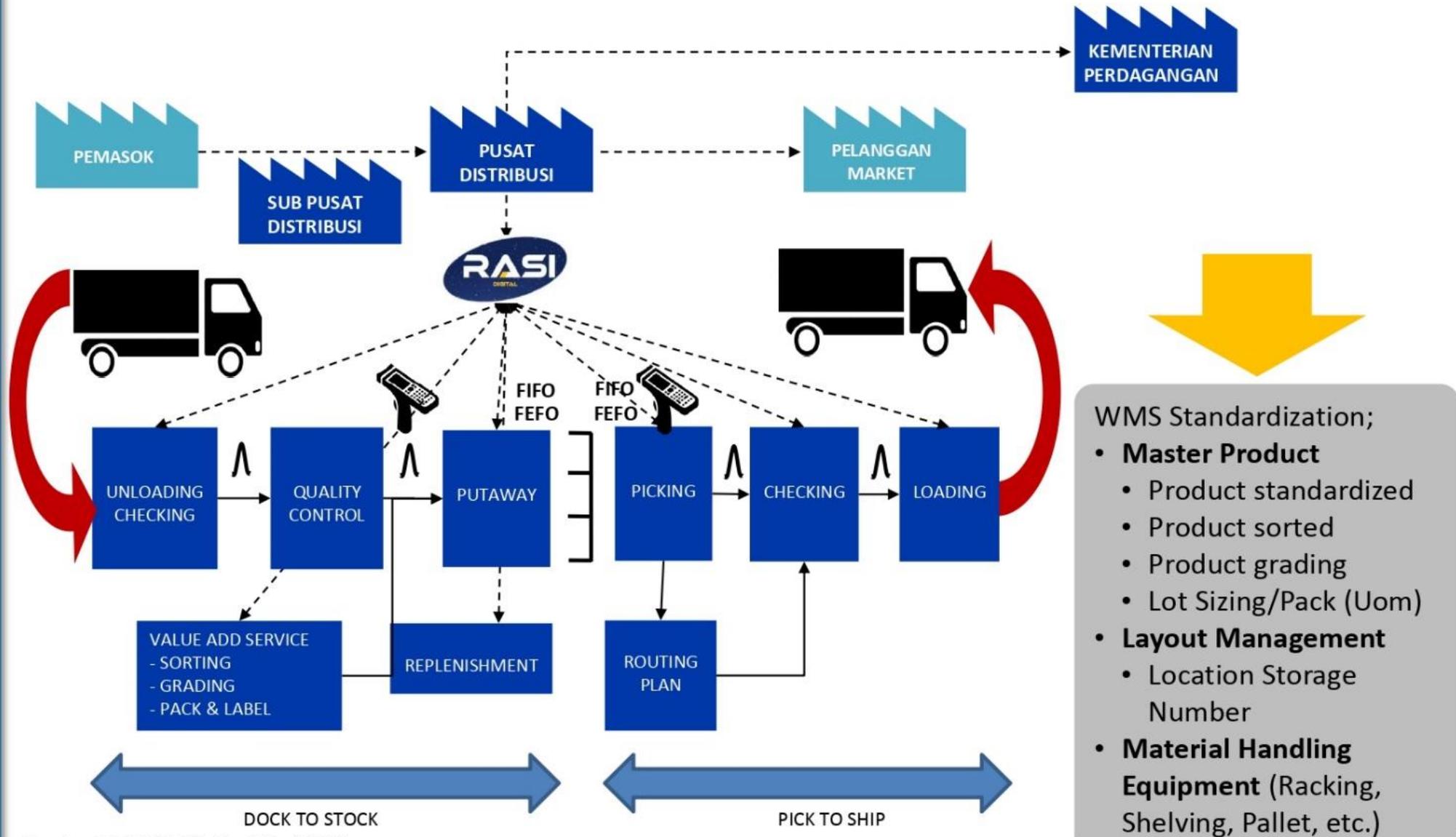
Sumber: Chopra (2007)



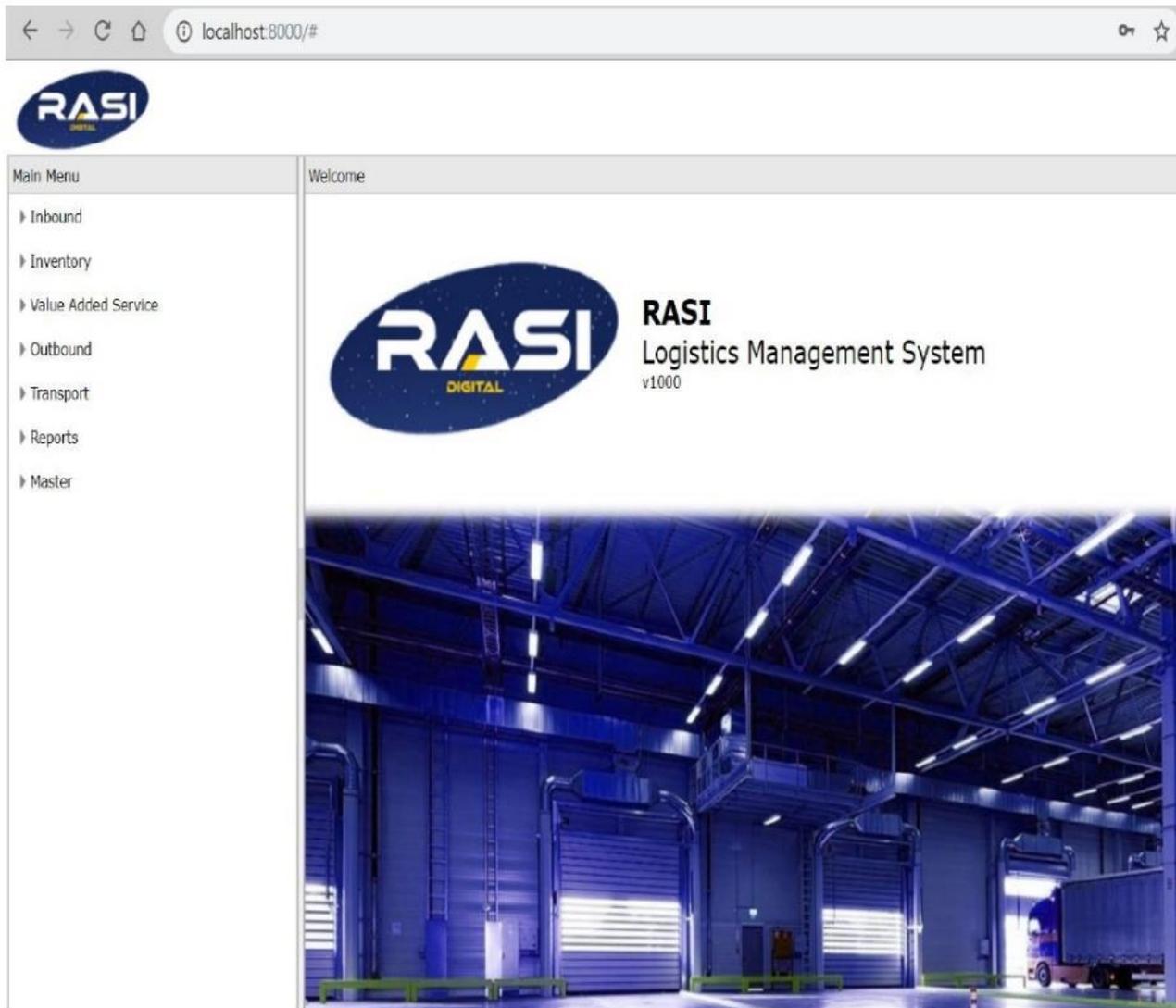
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# CONTOH APLIKASI SISTEM INFORMASI REAL TIME









← → ↻ 🏠 ⓘ localhost:8000/# 🔍 ☆

**RASI**  
DIGITAL

Main Menu

- ▶ Inbound
- ▶ Inventory
- ▶ Value Added Service
- ▶ Outbound
- ▶ Transport
- ▶ Reports
- ▶ Master

Welcome

**RASI**  
Logistics Management System  
v1000



- Inbound & outbound
- Volume throughput
- Inventory level
- Stock aging by expired
- Stock aging by posting date
- Multi warehouse
- Transport routing plan
- Transport POD



Warehouse activities supported on mobile apps:

- Inbound checking
- Put-away
- Picking
- Outbound checking
- Stock movement
- Stock Opname
- Track Lot/ Serial
- Barcode Type (QR & Barcode)
- Advanced Bin Management

## Good Receive

- SKU-Based Receiving
- Specify Lot Sizing (carton, pcs, kg)
- Expired date, Batch Number
- Unit Receiving
- Putaway (Automation system or operations suggestion)



Main Menu

Good Receiving

Refresh Add View Filter Export

| GR ID    | Client ID | Reference | GR Date    | Supplier Na... | Inbound Ref... | GR Status         | Interface Status |
|----------|-----------|-----------|------------|----------------|----------------|-------------------|------------------|
| 35000508 | PDR       | PDR-GR-03 | 13/06/2019 | METI           |                | Putaway Confirmed | Not Interfaced   |
| 35000507 | PDR       | PDR-GR-02 | 12/06/2019 | ANI MANDIRI    |                | Putaway Confirmed | Not Interfaced   |
|          |           |           |            | BERKAH         |                | Putaway Confirmed | Not Interfaced   |

GR Details

Edit Process Print

GR ID: 35000507 Client ID: PDR

Reference: PDR-GR-02 Inbound Reference:

GR Date: 12/06/2019

Supplier ID: 01010911 Order Type: REG

ANI MANDIRI Warehouse ID: WH1

Item Details Transport and Unloading Notes Attachment

| Line... | Product ID | Description       | Pack ID | Batch | Exp. Date | Qty  | UoM | Stock Type | Base Qty |
|---------|------------|-------------------|---------|-------|-----------|------|-----|------------|----------|
| 1       | CAB002     | Cabai Rawit Hijau |         |       |           | 6000 | KG  | AV         | 600      |
| 2       | CAB003     | Cabai Merah       |         |       |           | 7800 | KG  | AV         | 780      |

Save Close

- Manage stock receiving
- Customized put-away strategy
- Optional Inbound checking & put-away using mobile app
- Interface or import file

RF Mobile  
Good  
Receive



## Putaway

- Put-Away All or Partial Receiving
- ID Barcode (Product, Case, Pallet)
- ID Barcode Designated Location



RF Mobile  
Putaway





| Main Menu   | Inventory List   |            |             |            |                    |       |       |           |          |           |            |     |           |           |            |             |            |             |       |       |           |          |           |            |     |     |     |      |       |        |                   |  |  |  |      |    |    |  |     |     |      |       |        |                   |  |  |  |      |    |    |  |     |     |      |       |        |                   |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |                    |  |  |  |      |    |    |  |     |     |      |       |        |                    |  |  |  |      |    |    |  |     |     |      |       |        |                    |  |  |  |      |    |    |  |     |     |      |       |        |                    |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |                    |  |  |  |      |    |    |  |     |     |      |          |        |                    |  |  |  |      |    |    |  |     |     |      |          |        |                    |  |  |  |      |    |    |  |
|---|--|------------|-------------|------------|--------------------|-------|-------|-----------|----------|-----------|------------|-----|-----------|-----------|------------|-------------|------------|-------------|-------|-------|-----------|----------|-----------|------------|-----|-----|-----|------|-------|--------|-------------------|--|--|--|------|----|----|--|-----|-----|------|-------|--------|-------------------|--|--|--|------|----|----|--|-----|-----|------|-------|--------|-------------------|--|--|--|------|----|----|--|-----|-----|------|-------|--------|-------------|--|--|--|------|----|----|--|-----|-----|------|-------|--------|-------------|--|--|--|------|----|----|--|-----|-----|------|-------|--------|-------------|--|--|--|------|----|----|--|-----|-----|------|-------|--------|-------------|--|--|--|------|----|----|--|-----|-----|------|-------|--------|-------------|--|--|--|------|----|----|--|-----|-----|------|-------|--------|-------------|--|--|--|------|----|----|--|-----|-----|------|-------|--------|-------------|--|--|--|------|----|----|--|-----|-----|------|-------|--------|--------------------|--|--|--|------|----|----|--|-----|-----|------|-------|--------|--------------------|--|--|--|------|----|----|--|-----|-----|------|-------|--------|--------------------|--|--|--|------|----|----|--|-----|-----|------|-------|--------|--------------------|--|--|--|------|----|----|--|-----|-----|------|-------|--------|-------------|--|--|--|------|----|----|--|-----|-----|------|-------|--------|--------------------|--|--|--|------|----|----|--|-----|-----|------|----------|--------|--------------------|--|--|--|------|----|----|--|-----|-----|------|----------|--------|--------------------|--|--|--|------|----|----|--|
| <ul style="list-style-type: none"> <li>▶ Inbound</li> <li>▼ Inventory               <ul style="list-style-type: none"> <li>Inventory List</li> <li>Movement Order</li> <li>Replenish</li> <li>Stock Transfer</li> <li>Stock Check</li> </ul> </li> <li>▶ Value Added Service</li> <li>▶ Outbound</li> <li>▶ Transport</li> <li>▶ Reports</li> <li>▶ Master</li> </ul> | <div style="text-align: center;"> <span>Refresh</span> <span>Filter</span> <span>Export</span> </div> <table border="1"> <thead> <tr> <th>Client ID</th> <th>Wareho...</th> <th>Locatio...</th> <th>Location ID</th> <th>Product ID</th> <th>Description</th> <th>Pa...</th> <th>Batch</th> <th>Exp. Date</th> <th>Base Qty</th> <th>Base U...</th> <th>Stock T...</th> <th>Pic</th> </tr> </thead> <tbody> <tr><td>PDR</td><td>WH1</td><td>BULK</td><td>B-002</td><td>CAB002</td><td>Cabai Rawit Hijau</td><td></td><td></td><td></td><td>1000</td><td>KG</td><td>AV</td><td></td></tr> <tr><td>PDR</td><td>WH1</td><td>BULK</td><td>B-002</td><td>CAB002</td><td>Cabai Rawit Hijau</td><td></td><td></td><td></td><td>1000</td><td>KG</td><td>AV</td><td></td></tr> <tr><td>PDR</td><td>WH1</td><td>BULK</td><td>B-002</td><td>CAB002</td><td>Cabai Rawit Hijau</td><td></td><td></td><td></td><td>1000</td><td>KG</td><td>AV</td><td></td></tr> <tr><td>PDR</td><td>WH1</td><td>BULK</td><td>B-003</td><td>CAB003</td><td>Cabai Merah</td><td></td><td></td><td></td><td>1000</td><td>KG</td><td>AV</td><td></td></tr> <tr><td>PDR</td><td>WH1</td><td>BULK</td><td>B-004</td><td>BRS001</td><td>Beras Pandan Wangi</td><td></td><td></td><td></td><td>1000</td><td>KG</td><td>AV</td><td></td></tr> <tr><td>PDR</td><td>WH1</td><td>BULK</td><td>B-005</td><td>BRS002</td><td>Beras Sentra Ramos</td><td></td><td></td><td></td><td>1000</td><td>KG</td><td>AV</td><td></td></tr> <tr><td>PDR</td><td>WH1</td><td>BULK</td><td>B-005</td><td>BRS002</td><td>Beras Sentra Ramos</td><td></td><td></td><td></td><td>1000</td><td>KG</td><td>AV</td><td></td></tr> <tr><td>PDR</td><td>WH1</td><td>BULK</td><td>B-005</td><td>BRS002</td><td>Beras Sentra Ramos</td><td></td><td></td><td></td><td>1000</td><td>KG</td><td>AV</td><td></td></tr> <tr><td>PDR</td><td>WH1</td><td>PICK</td><td>PK003</td><td>CAB003</td><td>Cabai Merah</td><td></td><td></td><td></td><td>1000</td><td>KG</td><td>AV</td><td></td></tr> <tr><td>PDR</td><td>WH1</td><td>PICK</td><td>PK004</td><td>BRS001</td><td>Beras Pandan Wangi</td><td></td><td></td><td></td><td>1000</td><td>KG</td><td>AV</td><td></td></tr> <tr><td>PDR</td><td>WH1</td><td>SHIP</td><td>92202566</td><td>BRS001</td><td>Beras Pandan Wangi</td><td></td><td></td><td></td><td>1000</td><td>KG</td><td>AV</td><td></td></tr> <tr><td>PDR</td><td>WH1</td><td>SHIP</td><td>92202566</td><td>BRS002</td><td>Beras Sentra Ramos</td><td></td><td></td><td></td><td>1000</td><td>KG</td><td>AV</td><td></td></tr> </tbody> </table> |            |             |            |                    |       |       |           |          |           |            |     | Client ID | Wareho... | Locatio... | Location ID | Product ID | Description | Pa... | Batch | Exp. Date | Base Qty | Base U... | Stock T... | Pic | PDR | WH1 | BULK | B-002 | CAB002 | Cabai Rawit Hijau |  |  |  | 1000 | KG | AV |  | PDR | WH1 | BULK | B-002 | CAB002 | Cabai Rawit Hijau |  |  |  | 1000 | KG | AV |  | PDR | WH1 | BULK | B-002 | CAB002 | Cabai Rawit Hijau |  |  |  | 1000 | KG | AV |  | PDR | WH1 | BULK | B-003 | CAB003 | Cabai Merah |  |  |  | 1000 | KG | AV |  | PDR | WH1 | BULK | B-003 | CAB003 | Cabai Merah |  |  |  | 1000 | KG | AV |  | PDR | WH1 | BULK | B-003 | CAB003 | Cabai Merah |  |  |  | 1000 | KG | AV |  | PDR | WH1 | BULK | B-003 | CAB003 | Cabai Merah |  |  |  | 1000 | KG | AV |  | PDR | WH1 | BULK | B-003 | CAB003 | Cabai Merah |  |  |  | 1000 | KG | AV |  | PDR | WH1 | BULK | B-003 | CAB003 | Cabai Merah |  |  |  | 1000 | KG | AV |  | PDR | WH1 | BULK | B-003 | CAB003 | Cabai Merah |  |  |  | 1000 | KG | AV |  | PDR | WH1 | BULK | B-004 | BRS001 | Beras Pandan Wangi |  |  |  | 1000 | KG | AV |  | PDR | WH1 | BULK | B-005 | BRS002 | Beras Sentra Ramos |  |  |  | 1000 | KG | AV |  | PDR | WH1 | BULK | B-005 | BRS002 | Beras Sentra Ramos |  |  |  | 1000 | KG | AV |  | PDR | WH1 | BULK | B-005 | BRS002 | Beras Sentra Ramos |  |  |  | 1000 | KG | AV |  | PDR | WH1 | PICK | PK003 | CAB003 | Cabai Merah |  |  |  | 1000 | KG | AV |  | PDR | WH1 | PICK | PK004 | BRS001 | Beras Pandan Wangi |  |  |  | 1000 | KG | AV |  | PDR | WH1 | SHIP | 92202566 | BRS001 | Beras Pandan Wangi |  |  |  | 1000 | KG | AV |  | PDR | WH1 | SHIP | 92202566 | BRS002 | Beras Sentra Ramos |  |  |  | 1000 | KG | AV |  |
| Client ID   | Wareho...  | Locatio... | Location ID | Product ID | Description        | Pa... | Batch | Exp. Date | Base Qty | Base U... | Stock T... | Pic |           |           |            |             |            |             |       |       |           |          |           |            |     |     |     |      |       |        |                   |  |  |  |      |    |    |  |     |     |      |       |        |                   |  |  |  |      |    |    |  |     |     |      |       |        |                   |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |                    |  |  |  |      |    |    |  |     |     |      |       |        |                    |  |  |  |      |    |    |  |     |     |      |       |        |                    |  |  |  |      |    |    |  |     |     |      |       |        |                    |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |                    |  |  |  |      |    |    |  |     |     |      |          |        |                    |  |  |  |      |    |    |  |     |     |      |          |        |                    |  |  |  |      |    |    |  |
| PDR   | WH1  | BULK       | B-002       | CAB002     | Cabai Rawit Hijau  |       |       |           | 1000     | KG        | AV         |     |           |           |            |             |            |             |       |       |           |          |           |            |     |     |     |      |       |        |                   |  |  |  |      |    |    |  |     |     |      |       |        |                   |  |  |  |      |    |    |  |     |     |      |       |        |                   |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |                    |  |  |  |      |    |    |  |     |     |      |       |        |                    |  |  |  |      |    |    |  |     |     |      |       |        |                    |  |  |  |      |    |    |  |     |     |      |       |        |                    |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |                    |  |  |  |      |    |    |  |     |     |      |          |        |                    |  |  |  |      |    |    |  |     |     |      |          |        |                    |  |  |  |      |    |    |  |
| PDR   | WH1  | BULK       | B-002       | CAB002     | Cabai Rawit Hijau  |       |       |           | 1000     | KG        | AV         |     |           |           |            |             |            |             |       |       |           |          |           |            |     |     |     |      |       |        |                   |  |  |  |      |    |    |  |     |     |      |       |        |                   |  |  |  |      |    |    |  |     |     |      |       |        |                   |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |                    |  |  |  |      |    |    |  |     |     |      |       |        |                    |  |  |  |      |    |    |  |     |     |      |       |        |                    |  |  |  |      |    |    |  |     |     |      |       |        |                    |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |                    |  |  |  |      |    |    |  |     |     |      |          |        |                    |  |  |  |      |    |    |  |     |     |      |          |        |                    |  |  |  |      |    |    |  |
| PDR   | WH1  | BULK       | B-002       | CAB002     | Cabai Rawit Hijau  |       |       |           | 1000     | KG        | AV         |     |           |           |            |             |            |             |       |       |           |          |           |            |     |     |     |      |       |        |                   |  |  |  |      |    |    |  |     |     |      |       |        |                   |  |  |  |      |    |    |  |     |     |      |       |        |                   |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |                    |  |  |  |      |    |    |  |     |     |      |       |        |                    |  |  |  |      |    |    |  |     |     |      |       |        |                    |  |  |  |      |    |    |  |     |     |      |       |        |                    |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |                    |  |  |  |      |    |    |  |     |     |      |          |        |                    |  |  |  |      |    |    |  |     |     |      |          |        |                    |  |  |  |      |    |    |  |
| PDR   | WH1  | BULK       | B-003       | CAB003     | Cabai Merah        |       |       |           | 1000     | KG        | AV         |     |           |           |            |             |            |             |       |       |           |          |           |            |     |     |     |      |       |        |                   |  |  |  |      |    |    |  |     |     |      |       |        |                   |  |  |  |      |    |    |  |     |     |      |       |        |                   |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |                    |  |  |  |      |    |    |  |     |     |      |       |        |                    |  |  |  |      |    |    |  |     |     |      |       |        |                    |  |  |  |      |    |    |  |     |     |      |       |        |                    |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |                    |  |  |  |      |    |    |  |     |     |      |          |        |                    |  |  |  |      |    |    |  |     |     |      |          |        |                    |  |  |  |      |    |    |  |
| PDR   | WH1  | BULK       | B-003       | CAB003     | Cabai Merah        |       |       |           | 1000     | KG        | AV         |     |           |           |            |             |            |             |       |       |           |          |           |            |     |     |     |      |       |        |                   |  |  |  |      |    |    |  |     |     |      |       |        |                   |  |  |  |      |    |    |  |     |     |      |       |        |                   |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |                    |  |  |  |      |    |    |  |     |     |      |       |        |                    |  |  |  |      |    |    |  |     |     |      |       |        |                    |  |  |  |      |    |    |  |     |     |      |       |        |                    |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |                    |  |  |  |      |    |    |  |     |     |      |          |        |                    |  |  |  |      |    |    |  |     |     |      |          |        |                    |  |  |  |      |    |    |  |
| PDR   | WH1  | BULK       | B-003       | CAB003     | Cabai Merah        |       |       |           | 1000     | KG        | AV         |     |           |           |            |             |            |             |       |       |           |          |           |            |     |     |     |      |       |        |                   |  |  |  |      |    |    |  |     |     |      |       |        |                   |  |  |  |      |    |    |  |     |     |      |       |        |                   |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |                    |  |  |  |      |    |    |  |     |     |      |       |        |                    |  |  |  |      |    |    |  |     |     |      |       |        |                    |  |  |  |      |    |    |  |     |     |      |       |        |                    |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |                    |  |  |  |      |    |    |  |     |     |      |          |        |                    |  |  |  |      |    |    |  |     |     |      |          |        |                    |  |  |  |      |    |    |  |
| PDR   | WH1  | BULK       | B-003       | CAB003     | Cabai Merah        |       |       |           | 1000     | KG        | AV         |     |           |           |            |             |            |             |       |       |           |          |           |            |     |     |     |      |       |        |                   |  |  |  |      |    |    |  |     |     |      |       |        |                   |  |  |  |      |    |    |  |     |     |      |       |        |                   |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |                    |  |  |  |      |    |    |  |     |     |      |       |        |                    |  |  |  |      |    |    |  |     |     |      |       |        |                    |  |  |  |      |    |    |  |     |     |      |       |        |                    |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |                    |  |  |  |      |    |    |  |     |     |      |          |        |                    |  |  |  |      |    |    |  |     |     |      |          |        |                    |  |  |  |      |    |    |  |
| PDR   | WH1  | BULK       | B-003       | CAB003     | Cabai Merah        |       |       |           | 1000     | KG        | AV         |     |           |           |            |             |            |             |       |       |           |          |           |            |     |     |     |      |       |        |                   |  |  |  |      |    |    |  |     |     |      |       |        |                   |  |  |  |      |    |    |  |     |     |      |       |        |                   |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |                    |  |  |  |      |    |    |  |     |     |      |       |        |                    |  |  |  |      |    |    |  |     |     |      |       |        |                    |  |  |  |      |    |    |  |     |     |      |       |        |                    |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |                    |  |  |  |      |    |    |  |     |     |      |          |        |                    |  |  |  |      |    |    |  |     |     |      |          |        |                    |  |  |  |      |    |    |  |
| PDR   | WH1  | BULK       | B-003       | CAB003     | Cabai Merah        |       |       |           | 1000     | KG        | AV         |     |           |           |            |             |            |             |       |       |           |          |           |            |     |     |     |      |       |        |                   |  |  |  |      |    |    |  |     |     |      |       |        |                   |  |  |  |      |    |    |  |     |     |      |       |        |                   |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |                    |  |  |  |      |    |    |  |     |     |      |       |        |                    |  |  |  |      |    |    |  |     |     |      |       |        |                    |  |  |  |      |    |    |  |     |     |      |       |        |                    |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |                    |  |  |  |      |    |    |  |     |     |      |          |        |                    |  |  |  |      |    |    |  |     |     |      |          |        |                    |  |  |  |      |    |    |  |
| PDR   | WH1  | BULK       | B-003       | CAB003     | Cabai Merah        |       |       |           | 1000     | KG        | AV         |     |           |           |            |             |            |             |       |       |           |          |           |            |     |     |     |      |       |        |                   |  |  |  |      |    |    |  |     |     |      |       |        |                   |  |  |  |      |    |    |  |     |     |      |       |        |                   |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |                    |  |  |  |      |    |    |  |     |     |      |       |        |                    |  |  |  |      |    |    |  |     |     |      |       |        |                    |  |  |  |      |    |    |  |     |     |      |       |        |                    |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |                    |  |  |  |      |    |    |  |     |     |      |          |        |                    |  |  |  |      |    |    |  |     |     |      |          |        |                    |  |  |  |      |    |    |  |
| PDR   | WH1  | BULK       | B-004       | BRS001     | Beras Pandan Wangi |       |       |           | 1000     | KG        | AV         |     |           |           |            |             |            |             |       |       |           |          |           |            |     |     |     |      |       |        |                   |  |  |  |      |    |    |  |     |     |      |       |        |                   |  |  |  |      |    |    |  |     |     |      |       |        |                   |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |                    |  |  |  |      |    |    |  |     |     |      |       |        |                    |  |  |  |      |    |    |  |     |     |      |       |        |                    |  |  |  |      |    |    |  |     |     |      |       |        |                    |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |                    |  |  |  |      |    |    |  |     |     |      |          |        |                    |  |  |  |      |    |    |  |     |     |      |          |        |                    |  |  |  |      |    |    |  |
| PDR   | WH1  | BULK       | B-005       | BRS002     | Beras Sentra Ramos |       |       |           | 1000     | KG        | AV         |     |           |           |            |             |            |             |       |       |           |          |           |            |     |     |     |      |       |        |                   |  |  |  |      |    |    |  |     |     |      |       |        |                   |  |  |  |      |    |    |  |     |     |      |       |        |                   |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |                    |  |  |  |      |    |    |  |     |     |      |       |        |                    |  |  |  |      |    |    |  |     |     |      |       |        |                    |  |  |  |      |    |    |  |     |     |      |       |        |                    |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |                    |  |  |  |      |    |    |  |     |     |      |          |        |                    |  |  |  |      |    |    |  |     |     |      |          |        |                    |  |  |  |      |    |    |  |
| PDR   | WH1  | BULK       | B-005       | BRS002     | Beras Sentra Ramos |       |       |           | 1000     | KG        | AV         |     |           |           |            |             |            |             |       |       |           |          |           |            |     |     |     |      |       |        |                   |  |  |  |      |    |    |  |     |     |      |       |        |                   |  |  |  |      |    |    |  |     |     |      |       |        |                   |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |                    |  |  |  |      |    |    |  |     |     |      |       |        |                    |  |  |  |      |    |    |  |     |     |      |       |        |                    |  |  |  |      |    |    |  |     |     |      |       |        |                    |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |                    |  |  |  |      |    |    |  |     |     |      |          |        |                    |  |  |  |      |    |    |  |     |     |      |          |        |                    |  |  |  |      |    |    |  |
| PDR   | WH1  | BULK       | B-005       | BRS002     | Beras Sentra Ramos |       |       |           | 1000     | KG        | AV         |     |           |           |            |             |            |             |       |       |           |          |           |            |     |     |     |      |       |        |                   |  |  |  |      |    |    |  |     |     |      |       |        |                   |  |  |  |      |    |    |  |     |     |      |       |        |                   |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |                    |  |  |  |      |    |    |  |     |     |      |       |        |                    |  |  |  |      |    |    |  |     |     |      |       |        |                    |  |  |  |      |    |    |  |     |     |      |       |        |                    |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |                    |  |  |  |      |    |    |  |     |     |      |          |        |                    |  |  |  |      |    |    |  |     |     |      |          |        |                    |  |  |  |      |    |    |  |
| PDR   | WH1  | PICK       | PK003       | CAB003     | Cabai Merah        |       |       |           | 1000     | KG        | AV         |     |           |           |            |             |            |             |       |       |           |          |           |            |     |     |     |      |       |        |                   |  |  |  |      |    |    |  |     |     |      |       |        |                   |  |  |  |      |    |    |  |     |     |      |       |        |                   |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |                    |  |  |  |      |    |    |  |     |     |      |       |        |                    |  |  |  |      |    |    |  |     |     |      |       |        |                    |  |  |  |      |    |    |  |     |     |      |       |        |                    |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |                    |  |  |  |      |    |    |  |     |     |      |          |        |                    |  |  |  |      |    |    |  |     |     |      |          |        |                    |  |  |  |      |    |    |  |
| PDR   | WH1  | PICK       | PK004       | BRS001     | Beras Pandan Wangi |       |       |           | 1000     | KG        | AV         |     |           |           |            |             |            |             |       |       |           |          |           |            |     |     |     |      |       |        |                   |  |  |  |      |    |    |  |     |     |      |       |        |                   |  |  |  |      |    |    |  |     |     |      |       |        |                   |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |                    |  |  |  |      |    |    |  |     |     |      |       |        |                    |  |  |  |      |    |    |  |     |     |      |       |        |                    |  |  |  |      |    |    |  |     |     |      |       |        |                    |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |                    |  |  |  |      |    |    |  |     |     |      |          |        |                    |  |  |  |      |    |    |  |     |     |      |          |        |                    |  |  |  |      |    |    |  |
| PDR   | WH1  | SHIP       | 92202566    | BRS001     | Beras Pandan Wangi |       |       |           | 1000     | KG        | AV         |     |           |           |            |             |            |             |       |       |           |          |           |            |     |     |     |      |       |        |                   |  |  |  |      |    |    |  |     |     |      |       |        |                   |  |  |  |      |    |    |  |     |     |      |       |        |                   |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |                    |  |  |  |      |    |    |  |     |     |      |       |        |                    |  |  |  |      |    |    |  |     |     |      |       |        |                    |  |  |  |      |    |    |  |     |     |      |       |        |                    |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |                    |  |  |  |      |    |    |  |     |     |      |          |        |                    |  |  |  |      |    |    |  |     |     |      |          |        |                    |  |  |  |      |    |    |  |
| PDR   | WH1  | SHIP       | 92202566    | BRS002     | Beras Sentra Ramos |       |       |           | 1000     | KG        | AV         |     |           |           |            |             |            |             |       |       |           |          |           |            |     |     |     |      |       |        |                   |  |  |  |      |    |    |  |     |     |      |       |        |                   |  |  |  |      |    |    |  |     |     |      |       |        |                   |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |                    |  |  |  |      |    |    |  |     |     |      |       |        |                    |  |  |  |      |    |    |  |     |     |      |       |        |                    |  |  |  |      |    |    |  |     |     |      |       |        |                    |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |                    |  |  |  |      |    |    |  |     |     |      |          |        |                    |  |  |  |      |    |    |  |     |     |      |          |        |                    |  |  |  |      |    |    |  |
|   | 31 Lines   |            |             |            |                    |       |       |           |          |           |            |     |           |           |            |             |            |             |       |       |           |          |           |            |     |     |     |      |       |        |                   |  |  |  |      |    |    |  |     |     |      |       |        |                   |  |  |  |      |    |    |  |     |     |      |       |        |                   |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |                    |  |  |  |      |    |    |  |     |     |      |       |        |                    |  |  |  |      |    |    |  |     |     |      |       |        |                    |  |  |  |      |    |    |  |     |     |      |       |        |                    |  |  |  |      |    |    |  |     |     |      |       |        |             |  |  |  |      |    |    |  |     |     |      |       |        |                    |  |  |  |      |    |    |  |     |     |      |          |        |                    |  |  |  |      |    |    |  |     |     |      |          |        |                    |  |  |  |      |    |    |  |

- Real time Inventory
- Manage bin storage
- Batch & expired date management
- Multi Warehouse/ Pusat Distribusi

## Outbound - Picking

- Sales Order
- Picking full or partial pick
- Expired date, Batch Number
- FIFO and FEFO automation
- Pick to fulfill allocation (Auto system or operations suggestion)
- Pick list or Pick ID Number



| DO ID    | Client ID | Reference   | Req. Del. Date | Origin Name     | Destination ... | Outbound Reference | DO Status      |
|----------|-----------|-------------|----------------|-----------------|-----------------|--------------------|----------------|
| 92202566 | PDR       | DO-PDR-0122 | 15/06/2019     | Mitra Usaha ... | CV. TRIO FU...  |                    | Pick Confirmed |
| 92202562 | MU        | 0382-94     | 02/06/2019     | Mitra Usaha ... | asdlahf         | SO-01238231        | Pick Confirmed |
| 92202555 | MU        | 9086        | 05/04/2019     | Mitra Usaha ... | Suhd            | 9086               | Unallocated    |
| 92202553 | MU        | SDFS-92312  | 31/05/2019     | Mitra Usaha ... | Suhd            | SDFS-92312         | Pick Confirmed |

## DO Details

Edit Process Print

|                    |                                 |                    |                 |
|--------------------|---------------------------------|--------------------|-----------------|
| DO ID              | 92202566                        | DO Status          | Pick Confirmed  |
| Reference          | DO-PDR-0122                     | Client ID          | PDR             |
| Req. Delivery Date | 15/06/2019                      | Outbound Reference |                 |
| Order Type         | REG                             | Posting Date       |                 |
| Origin ID          | MU-DC                           | Destination ID     | 60002003        |
|                    | Mitra Usaha DC Warehouse        |                    | CV. TRIO HUTAMA |
|                    | Komp. Pergudangan Taman Niaga B |                    | PURWOREJO       |

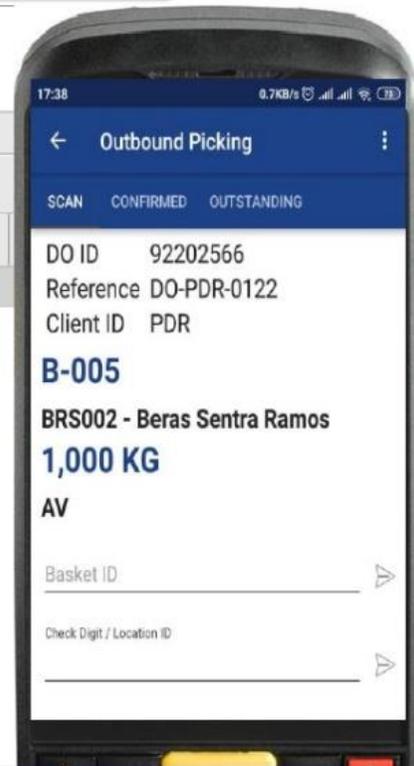
## Item Details

Add Remove

| Line | Warehouse | Product ID | Description        | Pack ID | Batch | Exp. Date | Qty  | UoM | Stock T... | Picked Qty | Base C |
|------|-----------|------------|--------------------|---------|-------|-----------|------|-----|------------|------------|--------|
| 1    | WH1       | BRS001     | Beras Pandan Wangi |         |       |           | 450  | KG  | AV         | 450        |        |
| 2    | WH1       | BRS002     | Beras Sentra Ramos |         |       |           | 1500 | KG  | AV         | 1500       |        |

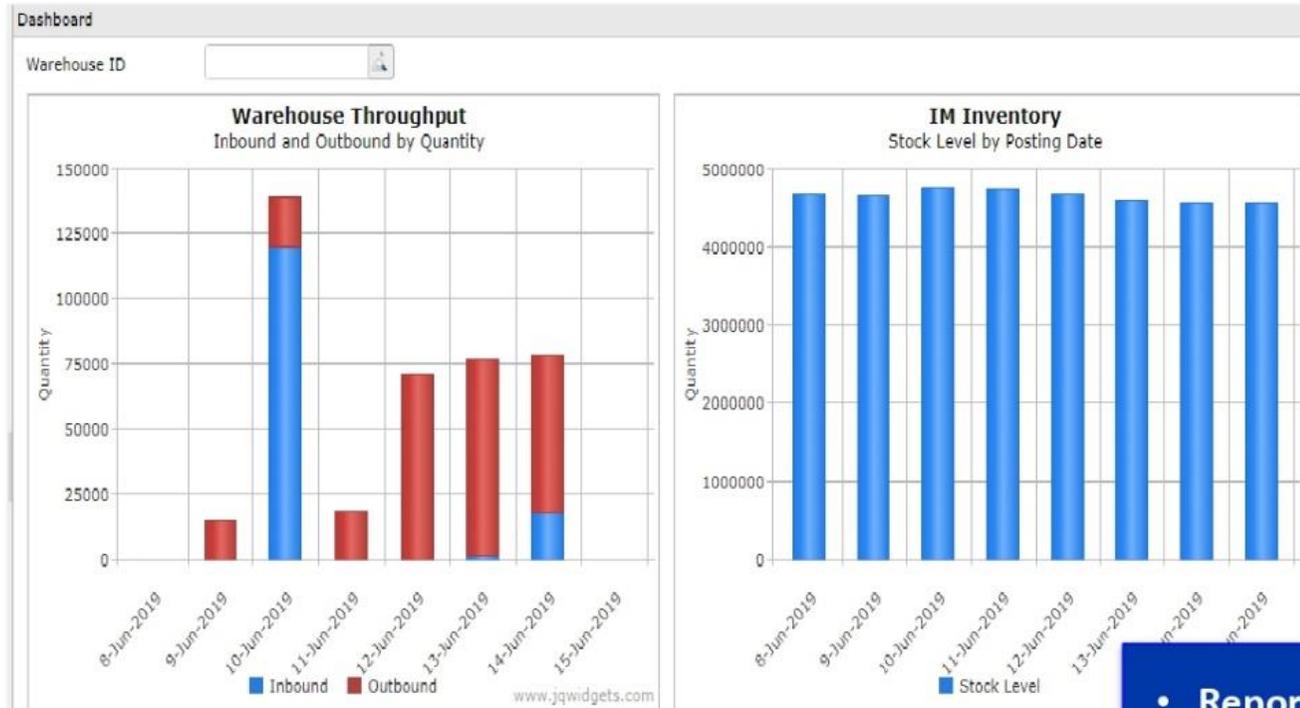
Save

Close

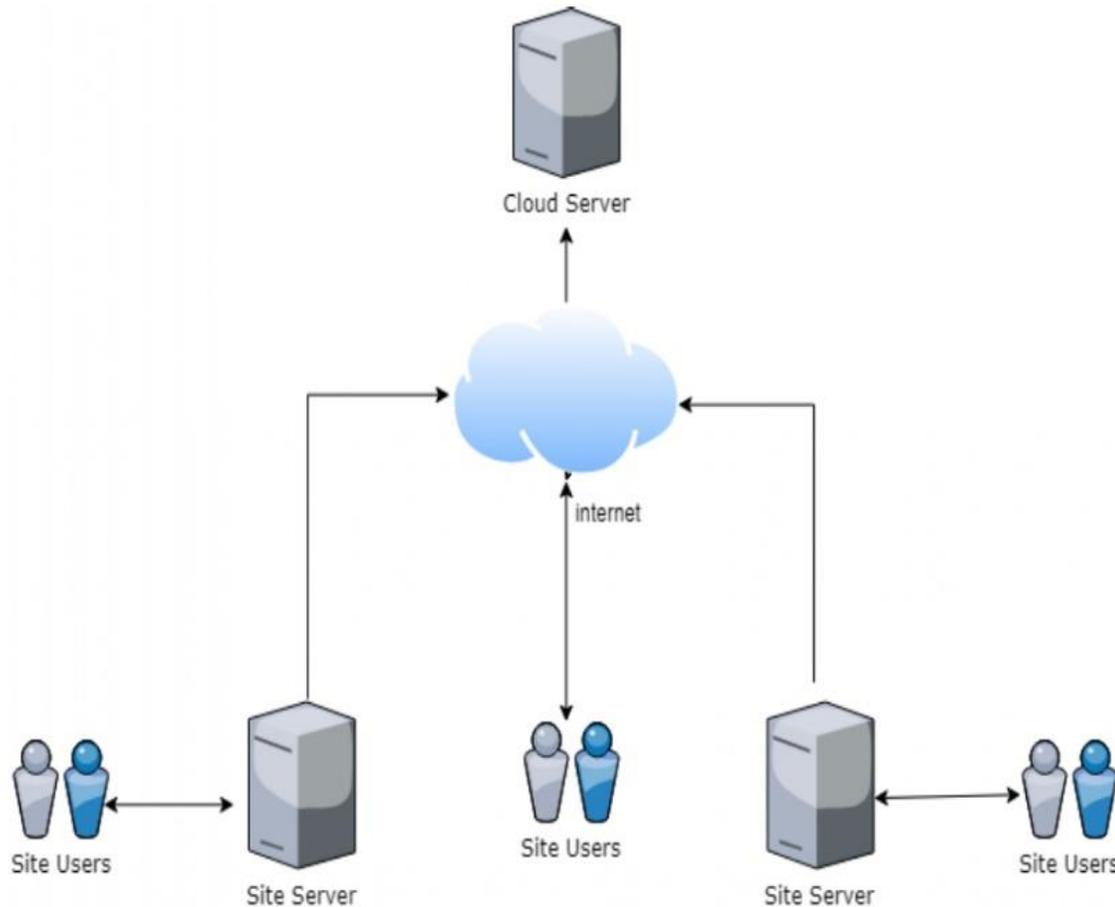


- Manage stock outbound
- Customized pick strategy
- FIFO / FEFO as default
- Picking & checking using mobile apps

## Warehouse Reporting - Dashboard



- Report Transaction export file
- Dashboard Management
- Real time Inventory level within the Warehouse
- Inventory movement tracking



## NETWORK SOLUTION

- Optional on-premise server
- Logical replication to cloud server
- Real time update transaction

# SUPPLYCHAIN INDONESIA

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