



STRATEGIC MANAGEMENT SYSTEM FOR THE FRESH PRODUCE SUPPLY CHAIN



POLYGON

POLYGON is an internet-enabled management system for the fresh produce supply chain. Growers, packing houses, inland depots, port terminals, stevedores, surface transportation companies, shipping companies, agents, exporters and importers find all the tools they need to track and trace their fresh produce pallets.

POLYGON provides merchandise travel, storage history and an associated business profile for each supply chain participant.

Growers: Pallet's orchard of origin.

Packing Houses: Production information and reports per grower, variety, count, class, type of package, etc.

Inland Depots: Merchandise receiving times and receiving conditions, inventory, physical location, storage conditions, stay time, shipping plans, etc.

Port Terminals: Merchandise receiving times and receiving conditions, inventory, location, storage conditions, stay time, shipping plans.

Stevedores: Stowage plans, mate receipts, loading crew yield.

Transportation Companies: Departure and arrival logs and estimated arrival times.

Shipping Companies: Over the internet real time loading information, electronic stowage plans.

Agents: Automated mate receipts and generation of export documents .

Exporters/Importers: On-line track and trace, on-line statistical analytical processing. Issuing of commercial documents.



POLYGON CONSISTS OF TWO MODULES: SERMOD AND OPMOD

SERMOD (Server Module)

Is an internet/intranet communications hub. A data base repository. An information handling and forwarding system. A statistics analysis module. It provides on-line cargo tracking/tracing and on-line analytical processing of data.

OPMOD (Operations Module)

Is a client/server module that handles all of the operations and information needs at each facility, namely:

Packing Houses	Berths, Stevedores
Inland Depots	Exporters/Importers
Port Terminals	Agents

OPMOD registers inventory movements, merchandise location inside a warehouse and merchandise status.

It generates the barcoded labels and documents to identify items and processes.

Each **OPMOD** is an independent facility operations system that does not depend on **SERMOD** for its operation. Nevertheless, the information sent by **OPMOD** to **SERMOD** allows the integration of the whole supply chain in a single consolidated system.

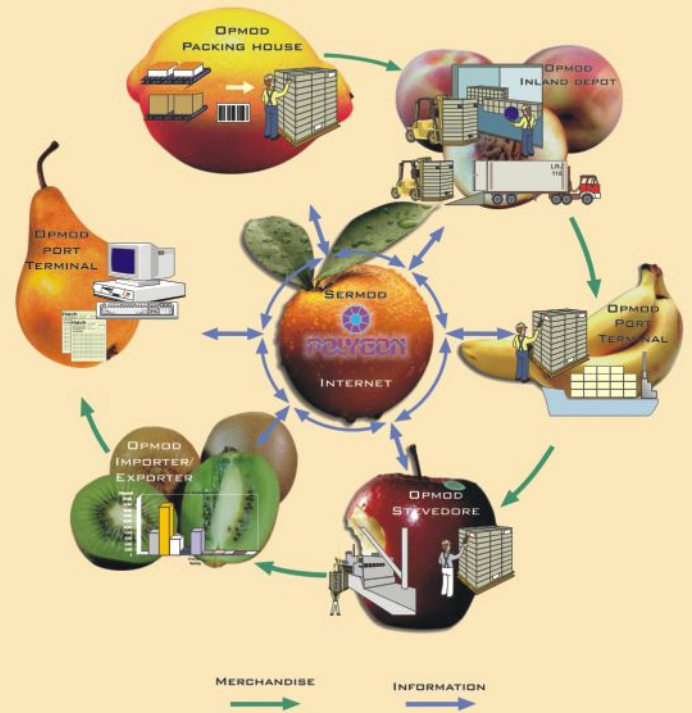
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TECHNICAL SPECIFICATIONS:

SERMOD (Server Module)

- JAVA Application & Java Classes architecture
- Oracle / SQL data base
- JDBC/ODBC interfaces
- Windows NT / RS6000 / AS400 Server / LINUX

OPMOD (Operations Module) Application/Data-Base Server

Server:

- Windows NT/2000 Server
- Oracle / SQL data base
- RF terminals and barcode reading devices

Clients:

- Win98/WinNT/ Win 2000 /Win Xp/Win CE/
Pocket PC
- VB 6.0
- ODBC
- Graphic interface tools

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