Shipment Configuration Types

- **Full system**
  - **Product Line Based (PRS-11, Typhoon, Tyranis, …**
  - **Multiple LRU Part Numbers, Serial Numbers, Revisions, Software configurations**
  - **Cable Part Numbers, MO Numbers, Serial Numbers**
- **LRU**
  - **LRU Part Number, Serial Number, Revision, Software configuration**
- **Cable**
  - **Cable Part Number, MO Number, Revision**
- **Replacement (RMA) components**
  - **LRU or Cable data listed above**
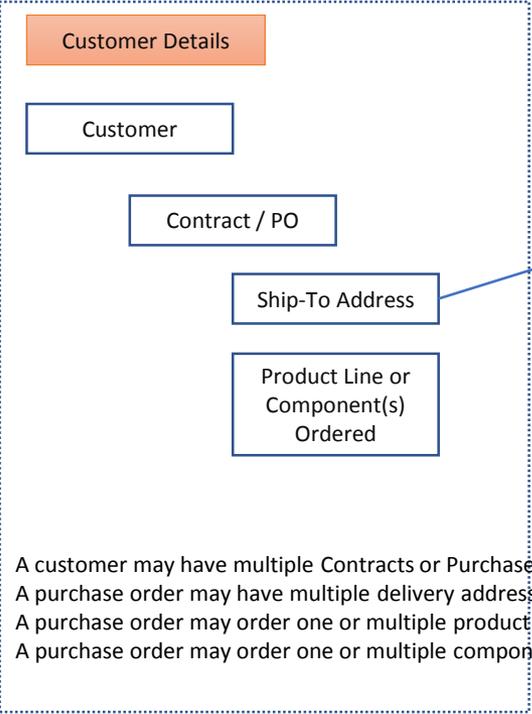
(LRU = Line Replaceable Unit)

Shipment Info

- **Tracking Number**
- **Ship Date**
- **Customer**
- **Customer Contract Number**
- **Product Line (or Individual component(s) from any of the product lines)**
- **System Serial Number (or serial number of individual component)**
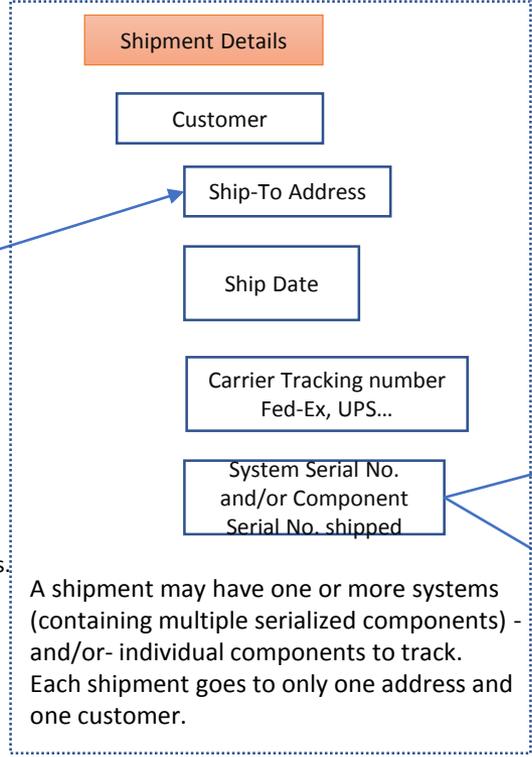
Product Line

- **Product Line**
- **Part Number (Multiple per product line)**
  - **System and LRU Serial Numbers**
  - **As shipped Revision**
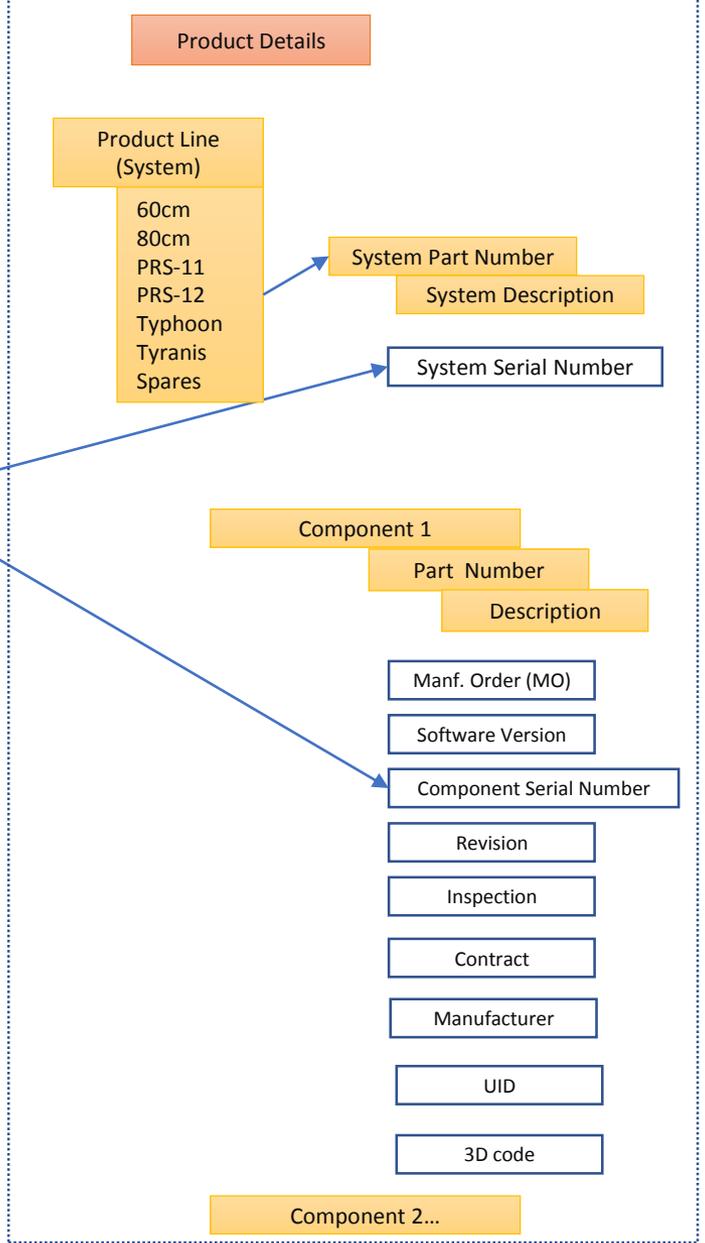 - **As shipped Software configuration**

EVENT
Inspect and Ship Product

Customer Details

Customer

Contract / PO

Ship-To Address

Product Line or Component(s) Ordered

A customer may have multiple Contracts or Purchase orders.
A purchase order may have multiple delivery addresses.
A purchase order may order one or multiple product lines.
A purchase order may order one or multiple components.

Shipment Details

Customer

Ship-To Address

Ship Date

Carrier Tracking number Fed-Ex, UPS…

System Serial No. and/or Component Serial No. shipped

A shipment may have one or more systems (containing multiple serialized components) - and/or- individual components to track.
Each shipment goes to only one address and one customer.

Product Details

Product Line (System)

60cm
80cm
PRS-11
PRS-12
Typhoon
Tyranis
Spares

System Part Number

System Description

System Serial Number

Component 1

Part Number

Description

Manf. Order (MO)

Software Version

Component Serial Number

Revision

Inspection

Contract

Manufacturer

UID

3D code

Component 2…

There are multiple product lines.
A "system" is the set of components configured to a specific product line.
Each system has a top level system serial number to track.
Each system (system serial number) will have multiple serialized components to track.
Each component will have an independent serial number (and/or other info to track).
A product line (or component) can be shipped to multiple customers (or ordered from multiple purchase orders.

End goals:
- Enter component (or system) serial number and determine date shipped, all components shipped on that shipment, software configuration, destination, customer, and list of serialized components built on a specific Manufacturing order.
- Enter customer and get full list of serial numbers, ship dates, contract numbers, etc. …