

# Barcoding - Terms

- **Barcoding Definition**

- Keyless, electronic data entry facilitating automatic identification and data collection via mechanical scanning devices

- **Barcoding Stakeholders**

- Brands – Suppliers – Distributors – Operators – Data Managers

- **Barcode Terms**

- GTIN – Global Trade Item Number – tells “what” is inside a container
- GLN – Global Location Number – tells “where” the container originated
- Als – Application Identifiers – tells “details” of a case; such as lot or batch number, production or use by date, net weight, etc.
- ITF – 14 (interleaved 2 of 5) Symbology – one of the “languages” that can carry a barcode; used only for pre-printing an item number on the outer case
- GS1 128 Symbology – another of the “languages” that can carry a barcode; includes same item number data as ITF-14, but used when you need to add additional information along with the item number (allows you to string together the Als identified above) at the point of production
- Packaging Indicator – 1<sup>st</sup> digit in a GTIN; tells container “size”, allows scanning equipment to recognize differing packaging (data carrier level); i.e. pallet, case, inner pack, etc.

# Barcoding - Terms

- **Data Carrier Levels**

- Pallet**

- Pallet label – carries data related to all cases contained on a shipping pallet
      - > GS1 128 Symbology; item number + extended data

- Case**

- Pre-printed case with GTIN – case carrying a pre-printed GTIN for identifying only what item case contains – usually for non human consumables only
      - > ITF – 14 Symbology
      - > pre-printing does not require production line equipment
    - Applied label with AI detail – carries pre-determined details on a separate label which is applied directly to outside of case – all human consumables
      - > GS1 128 Symbology; item number + extended data
      - > usually requires production line printing equipment
    - In line printed bar code with AI detail – new technology being improved for printing bar code that carries pre-determined details directly to case on production line
      - > GS1 128 Symbology; item number + extended data
      - > improving technology, would require verification certificate of scannability

- Inner Pack**

- Inner pack printing is not in general use at this time