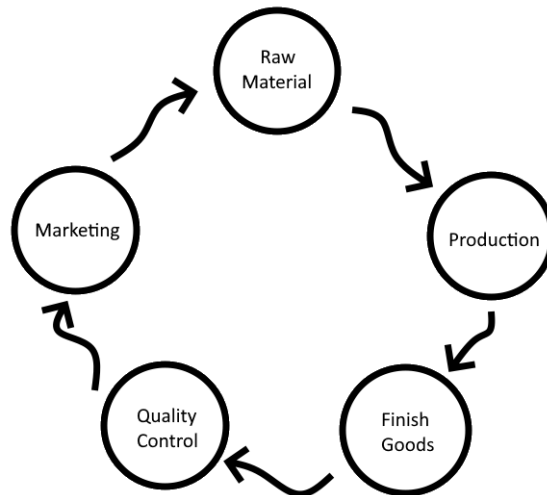# AGen Product Lifecycle Recording

Introduction

AGen Product Lifecycle Recording (APLR) software is a software tool used by manufacturer to record and manage the entire life cycle of a product during the production, from its initial raw material all the way through to finish goods. Imagine it as a central hub for everything related to a product, like a digital filing cabinet with multi access point. You will use AGen to assist you to capture every single stage of the production process. Use it to records, compare and manage all the information and processes involved in a product's lifecycle, producing product which carry its own identity (One Object One Identity).

Reason

User Configurable

AGen (APLR) design base on the Do It Yourself (DIY) concept, user able to configure the interface of the software they are using, by drag and drop the control, user can add in textbox, camera, dropdown box, button control to the user interface. This is the interface use to capture the production information from first station until the last station before the product pack into it carton box.

Support 1D and 2D QRCode

We understand that the important of identity carry by barcode, that why AGen come with build in barcode generator function as well as barcode reading function. User can use the tool available in AGen to create and read the barcode.
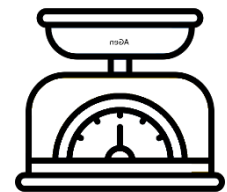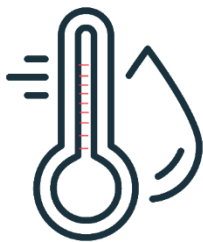
Support RFID

RFID reading is talking about verification, read and verify or compare again predefine list for RFID is one of the existing features on RFID verification module. For sure AGen also supports RFID but this technology setup needs to be configured by AGen team at this moment due to its complexity. At the same time, AGen only supports Zebra and Cilico brand RFID reader at this moment.

Support Network base weighing scale

Weighing scale is a common device use in the manufacture of product from raw materials, AGen come with network configurator to capture and send data to common brand of weighing scale in the market. AGen able to retrieve reading from the weighing scale as well as send command to weighing scale for weighing related process.

Support Network base thermometer and humidity meter.

Similar as weighing scale connection, AGen also build to support thermometer and humidity meter available in the market. By capturing the thermometer or humidity meter reading, user able to record and compare the production temperature and humidity. This important data is useful to be use by the future quality control purposes.

Support wireless data entry devices.

Wireless data entry is important for today manufacturers, manufacturers would like to have some mobile station where it can be reuse at different situations and condition in the factory. Supporting wireless devices is one of the challenges which handled by AGen.

Benefit of AGen Product Lifecycle Recording (APLR)

By centralizing all this information in AGen PLR software, user now can:

- Improve efficiency and collaboration between different teams involved in the product development process
- Reduce costs by identifying and avoiding errors
- Ensure that products comply with regulations
- Improve product quality
- Records after production to be review
- Connect this information to product One Object One Identity for marketing and quality control purposes.