# LABEL PRINTER CONTROL with **GRANTEK**

CONSULT DESIGN DELIVER

Grantek's Label Printer Control Solution controls multiple vendor printers, laser code daters, print-and-apply labelers and other packaging marking equipment together from a modern, intuitive Ignition-based application screen. Grantek's LPC integrates with your conveyors, upstream equipment, reject systems and Grantek's Label Verification Solution to provide complete control of your packaging lines from one single common, modern interface.

## WHY USE GRANTEK'S LABEL PRINTER CONTROL SOLUTION?

#### REDUCED RECALLS

Fewer operator activities at changeover or code date change

#### REDUCED DOWNTIME

Real-time status of printers with faults and consumable levels

#### VARYING PRINTING REQUIREMENTS

• GTIN/GS1

 New turnkey printers with automated label formats

## OUR LABEL PRINTER CONTROL SOLUTION CAN PROVIDE:

#### **PLC COMMUNICATIONS**

The system manages communication with the PLC allowing you to get SKU selection from the HMI and search for matching SKU in the database for confirmation.

- (	<	T	$\geq$
			•
			•
			•
	_		_

**DATABASE COMMUNICATION** This solution allows users to manage

line information, along with SKU version and configuration information for each line. It can then connect this data communication with the PLC.

#### COMMUNICATION STATUS



This solution allows you to send and receive watchdog notification from PLCs, send status requests to devices and display the communication status.



00

|0|0

LPC can also facilitate communication with devices, by connecting scanners and printers to the system. This tool provides multi-vendor printer support.

**DEVICE COMMUNICATION** 

## LABEL PRINTER CONTROL HOW IT WORKS

Grantek's Label Printer Control Solution involves PLC integration with the line and the barcode scanner for the detection of rejects. The barcode scanner is used to confirm the label and communicate with the PLC to stop the line and/or confirm that the line is running properly. Our Solution works on both existing or upgraded printers and can be incorporated into camera systems and upstream line equipment for integration with Label Verification, MES platforms/ SKU servers, and line quality reviews.

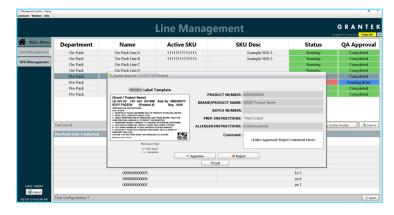
LINE CONTROL COMPONENTS



		Pre-Pack Line 1		GRANTE
Line Preview		Search: <enter description="" label="" name="" sku=""></enter>	≪ Search Kear	Sector Hide Details
Active SKU	SKU	Description	SKU Configuration Detai	
	1111111111111	Example SKU 3	SKU: 11111	111111113
	1111111111111	CR Test	Active Label Template:	
	11111111111115	PRODUCT	Description:	Example SKU 3
	00000000004	Ex 4	Creation: 2020-1	2-21 04:25:50.280
	00000000005	Ex 5	Last Edited: 2021-02-01 15:23:45.220	
	00000000006	ex 6	Label Template Reference	
User; stimb.		Make SKU Active	Brand / Product Name) LD ### IPS ### HHAM Best By: MMUDDYY KEEP FROZEN (Product // Does #### en or an issue in the second of record resource water of the second resource of record resource water a cord user, control resource resource in the accord and the second resource resource in the accord and the second resource resource in the accord accord resource resource resource accord resource resource resource resource resource resource resource resource resource resource resource resource resource res	

## **SKU SELECTION**

On the plant floor, this screen shows SKU info including details about what label is required

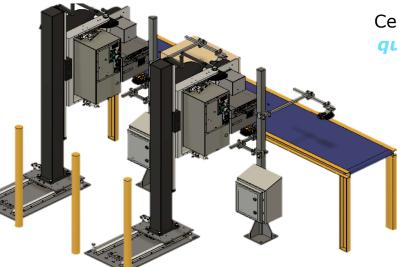


## LAB CONTROL

Two person verification, enforcing workflows to include quality approval at changeover



Centralized SKU management ensures that only qualified users set the best before dates, label text and other key quality information. Centralized display and notifications allow rapid maintenance response and a clear picture of packaging line operation. Single point changeover, allows verification equipment, multiple printer, code daters and even existing OEM upstream and downstream equipment to all be updated from one interface.



#### GRANTEK

grantek.com