antra id

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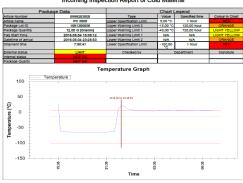antraid@antra.hu • www.antra.hu

sGIN / EELOG - part of CASC-AID

- End to end tracking & tracing of temperature sensitive products
- Enables correct, auditable cooperation between supply chain partners
- Automated identification at predefined places and gates
- Different external trigger events can be added to the logfile
- Customizable workflow solution based on RFID and Barcode technologies
- Easy integration, data exchange with different Warehouse Management Software
- Secure, locked information available only for authorized personnel
- Smart FIFO support
- Industrial solution

Incoming Inspection Report of Cold Material

Package Data		Chart Legend			
Article Number	5998203000	Type	Value	Specified time	Colour in Chart
Article name	PC 3000	Upper Specification Limit	5,00 °C	1 hour	RED
Package Lot ID	1061306556	Upper Warning Limit 2	-15,00 °C	120,00 hour	ORANGE
Package Quantity	12,00 G [Gramm]	Upper Warning Limit 1	-40,00 °C	720,00 hour	LIGHT YELLOW
Tag Start Time	2016.05.04 16:36:12	Lower Warning Limit 1	N/A	N/A	LIGHT YELLOW
Datetime of arrival	2016.06.04 23:26:53	Lower Warning Limit 2	N/A	N/A	ORANGE
Shipment time	7:50:41	Lower Specification Limit	-100,00 °C	1 hour	RED
External status	LIMIT	Checked by		Department	Signature
Internal status	NOT OK				
Package Quality	NOT OK				

Temperature Graph

EELOG - Environment & Event Logging System

Usage:

The supplier places Data Logger Tags into the shipping units.
At dispatch the loggers are waked up remotely and at predefined time intervals the temperature value is stored.
On the fly external trigger events can also be added to the collected information.

Initialization:

Shipping units' data are written into the Tags.

Easy escalation of arrival:

Automated recognition of these priority shipments right at the gate or door by RFID antennas.

Reception:

All the priority shipments are time stamped. The data of the shipping units are paired with the Tags.

Warehousing:

Unpack the shipping units, read all the detailed collected data out from the Tags. Sophisticated material lifecycle calculation.

Hardware & Software:

- Handheld Terminal (RFID, Bar code reader, Wi-Fi) & MDC (thick client)
- PC (Ethernet / Wi-Fi) & MS Windows
- Server & MS Windows, MS SQL Standard
- Dedicated RFID system (Controllers, Antennas, Desktop RFID Readers) GPIO Controller and audiovisual alarms
- Tags (OE1720NT or OE1720ET)

OE1720xT Tag Specifications:

Tag Type:

Semi passive UHF
EPC Class1 Gen2/ISO 18000-6C compatible

Tag dimensions:

130 x 30 x 15 mm

Operating Temperature:

OE1720NT - 40°C to +70°C
OE1720ET - 80°C to +70°C

Protection Class:

IP 67

Life time:

~3 years (depending on setup)